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May 23, 2007

By Hand Delivery

Mark W. Lucas
Case Manager – LUST Enforcement Unit
TPD/Corrective Action Section
Arizona Department of Environmental Quality
1110 W. Washington Street, #4415A-3
Phoenix, AZ 85007

Re: *First Quarter Status Report for 2007*
LUST File #0393.02-.10, .15-.17
Facility ID #0-002227

Dear Mr. Lucas:

Honeywell is submitting this *First Quarter Status Report for 2007* in accordance with requirements in the Arizona Department of Environmental Quality's (ADEQ) *Corrective Action Plan Final Approval* letter dated October 7, 2005, and CAP modification approval letters dated December 20, 2005, March 7, 2006, September 28, 2006, and March 27, 2007.

If you should have any questions or require discussion, please contact me at 973-455-4279 or Jeff Mieth at 480-377-6265. For your convenience, my e-mail address is troy.j.meyer@honeywell.com and Jeff's is jeffrey.mieth@ch2m.com.

Sincerely,

Troy J. Kennedy
Honeywell - Health, Safety, Environment and Remediation
Remediation Portfolio Director

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ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
Tank Programs Division
Underground Storage Tank (UST) Program

DOCUMENT SUBMITTAL FORM

[use as COVER SHEET when submitting the documents listed below]

ADEQ use only

UST FACILITY INFORMATION:

Honeywell 34th Street Facility
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0-002227
Facility ID

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Street Address

0393.02 - .10, .15-.17
LUST Number(s)

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PERSON CATEGORY	ADEQ ID #
X UST owner	4875
☐ UST operator	
☐ UST volunteer	
☐ Property owner	

LUST, RELEASE OR CORRECTIVE ACTION DOCUMENT: (check all that apply; * indicates document requires signed certification statement)

- ☐* 14 day report (suspected release)
- ☐* 90 day report (suspected release)
- ☐* 14 day report (confirmed release)
- ☐* 90 day report (confirmed release)
- ☐* LUST site classification form
- ☐* Site characterization report (SCR)
- ☐* Free Product Report
- ☐* Tier 2 risk evaluation
- ☐* Tier 3 risk evaluation
- ☐* Corrective action plan (CAP)
- X * Periodic site status report (includes groundwater monitoring reports)
- ☐* LUST case closure request w/corrective action completion report
- ☐* Addendum (check related document type)
- ☐ Other: (please specify)

UST DOCUMENT: X

SAF DOCUMENT: ☐ Application #: _____

INFORMAL APPEAL:
- ☐ LUST
- ☐ SAF
- ☐ UST

CERTIFICATION STATEMENT OF UST OWNER, OPERATOR OR VOLUNTEER: (for only documents designated above by *)

"I hereby certify, under penalty of law, which this submittal and all attachments are, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations."

Signature of UST owner, operator or volunteer

05/23/07
Date

Troy J. Kennedy
Name of UST owner, operator or volunteer (printed)

Remediation Portfolio Director
Title

Revised 8/05

Report

First Quarter Status Report for 2007

Honeywell 34th Street Facility
Facility ID No. 0-002227
LUST File Nos. 0393.02-.10, .15-.17

Volume 1 of 2

Prepared for

Honeywell International Inc.

May 2007

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CERTIFICATE NO.
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ARIZONA U.S.A.

Prepared by

CH2MHILL

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B Data Validation and Laboratory Analytical Reports

Acronyms and Abbreviations

%LEL	percent of lower explosive limit
µg/L	micrograms per liter
ADEQ	Arizona Department of Environmental Quality
BSVE	bioenhanced soil-vapor extraction
BTEX	total benzene, toluene, ethylbenzene, and xylenes
CAP	Corrective Action Plan
CO_2	carbon dioxide
DSD	City of Phoenix Development Services Department
Facility	Honeywell 34th Street Facility
Honeywell	Honeywell International Inc.
LUST	leaking understand storage tank
MCAQD	Maricopa County Air Quality Department
MCL	maximum contaminant level
MRL	minimum reporting level
MTBE	methyl tert-butyl ether
O_2	oxygen
OU	Operable Unit
1,1,1-TCA	1,1,1-trichloroethane
TCE	trichloroethylene
TI	Tenant Improvement (Aviation Department)
TRPH	total recoverable petroleum hydrocarbons
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VOC	volatile organic compound

SECTION 1.0

1.0 Introduction

1.1 Scope and Purpose

This quarterly status report summarizes the ongoing contaminant characterization and remediation activities conducted during the first quarter 2007 for Leaking Underground Storage Tank (LUST) File Nos. 0393.02-.10, .15-.17, Facility ID No. 0-002227, Honeywell 34th Street Facility (Facility or Honeywell facility).

This report is being submitted pursuant to reporting requirements in the Arizona Department of Environmental Quality (ADEQ) letter, dated October 7, 2005 (ADEQ, 2005a), issuing final approval of Honeywell International Inc.'s (Honeywell's) Corrective Action Plan (CAP) (CH2M HILL, 2004a-b) and in accordance with ADEQ's CAP modification approval letters dated December 20, 2005 (ADEQ, 2005b), March 7, 2006 (ADEQ, 2006a), September 28, 2006 (ADEQ, 2006b), and March 27, 2007 (ADEQ, 2007).

1.2 Background

The Honeywell facility is located within Operable Unit (OU) 2 of the Motorola 52nd Street Superfund Site at 111 South 34th Street in Phoenix, Arizona. Figure 1-1 illustrates the Facility location and layout. (All figures are provided at the end of this report.) The Honeywell facility has been used as a manufacturing and testing facility for the production of aircraft engines and auxiliary equipment since 1951.

The United States Environmental Protection Agency (USEPA) and ADEQ Superfund Programs Section are currently overseeing the characterization and remediation of soil and groundwater contaminated with chlorinated volatile organic compounds (VOCs) within the Superfund site. ADEQ has been delegated the lead for facility investigations within OU2, including the Honeywell facility. During the Superfund investigation, petroleum hydrocarbons were detected at the Honeywell facility, and a parallel investigation was initiated under the ADEQ Underground Storage Tank (UST) Corrective Action Section. Since that time, Honeywell has investigated the extent of contamination, initiated corrective actions to recover free product, and developed a CAP. The approved CAP (CH2M HILL, 2004a-b) recommends the following remedial actions:

- Remediate soil contamination in the vadose zone, the petroleum hydrocarbon smear zone, and the free-phase petroleum hydrocarbon pool with bioenhanced soil-vapor extraction (BSVE).
- Supplement BSVE remediation by selectively removing free product from existing groundwater monitoring wells.
- Treat the remaining dissolved-phase groundwater contamination with monitored natural attenuation after aggressive source removal is complete. ADEQ is withholding

approval of this remediation technology pending completion of free-product removal to the maximum extent practicable (ADEQ, 2005a).

1.3 Summary of Activities

This quarterly status report summarizes the activities conducted or completed as part of the UST corrective action from January 2007 through March 2007:

- Honeywell conducted the first quarter 2007 groundwater sampling event between March 12 and March 23, 2007.
- Honeywell conducted three monthly water-level measurements and three additional rounds of manual free-product-specific monitoring/recovery during the first quarter 2007. As described in Section 2.1, the free-product monitoring/recovery schedule is based on the measured free-product thicknesses in individual monitoring wells in accordance with the *LUST Field Sampling Plan – Groundwater Sampling, Free Product Monitoring and Recovery Plan* (CH2M HILL, 2005a).
- Honeywell continued operation of an automated free-product skimming system, with weekly maintenance checks, in monitoring well ASE-67A during the first quarter 2007.
- Honeywell conducted quarterly monitoring of 13 Phoenix Sky Harbor International Airport subsurface utility vaults and 47 Honeywell subsurface utility vaults for oxygen (O_2), carbon dioxide (CO_2), methane, and percent of lower explosive limit (%LEL) on March 14, 2007.
- Honeywell conducted air extraction tests between March 7 and March 13, 2007 at 14 monitoring wells to support the BSVE design activities and to verify the adequacy of the air extraction blower specification and pipe sizing.
- Honeywell conducted USEPA Method TO-15 vault air sampling at 11 subsurface utility vaults located on Phoenix Sky Harbor International Airport property on January 16, 17, and 23, 2007.
- Honeywell submitted a letter to ADEQ on February 27, 2007 requesting approval for modifications to the approved CAP (CH2M HILL, 2004a-b). In a letter dated March 27, 2007, ADEQ approved Honeywell's request to reduce the frequency of manual free-product recovery to biweekly in monitoring wells with greater than 0.1 foot but less than 0.75 foot of free product. ADEQ stated it would withhold approval to extend the date of the scheduled remediation system startup pending Maricopa County's approval of the air permit.

SECTION 2.0

2.0 Site Characterization Activities

This section describes groundwater and free-product data collected as part of Honeywell's ongoing UST monitoring program. Because there were no additional monitoring wells installed or associated soil samples collected during the reporting period (January 1, 2007 to March 31, 2007), this section does not include a discussion of soil data. For a discussion of historical soil data, see the *First Quarter Status Report for 2006, Honeywell 34th Street Facility, Facility ID No. 0-002227, LUST File Nos. 0393.02-.10, .15* (CH2M HILL, 2006a). Groundwater data presented in this section were generated from samples collected during the first quarter groundwater sampling round conducted in March 2007, in accordance with the *LUST Field Sampling Plan – Groundwater Sampling, Free Product Monitoring and Recovery Plan* (CH2M HILL, 2005a).

Consistent with Honeywell's *Site Characterization Report Update – October 2005* (CH2M HILL, 2005b), this section presents a discussion of dissolved-phase contaminant concentrations and distribution, along with associated plan view plots, of:

- Benzene.
- Methyl-tert-butyl-ether (MTBE).
- Naphthalene.
- Benzo(a)pyrene.
- Total benzene, toluene, ethylbenzene, and xylenes (BTEX).
- Total recoverable petroleum hydrocarbons (TRPH).
- Total VOCs.
- Total non-fuel VOCs.
- Total trichloroethylene (TCE).
- Total 1,1,1-trichloroethane (1,1,1-TCA).

This section also discusses free-product thickness measurements collected on March 5 and 6, 2007 and the historical maximum free-product thicknesses measured in Honeywell's UST monitoring wells since free product was first encountered in a monitoring well at the Facility in 1999. Data regarding Honeywell's free-product recovery efforts and recovered free-product volumes through first quarter 2007 are presented in Section 3.0.

2.1 Free Product

Historically, free product has been observed in 30 monitoring wells located on the Honeywell facility and Phoenix Sky Harbor International Airport property. Honeywell monitors the thickness of free product in these and other monitoring wells near the free-product pool either monthly or biweekly. The monitoring schedule is based on the measured free-product thicknesses and is in accordance with the *LUST Field Sampling Plan – Groundwater Sampling, Free Product Monitoring and Recovery Plan* (CH2M HILL, 2005a). In general, any monitoring well with a free-product thickness less than 0.1 foot is measured monthly, and any monitoring well with a free-product thickness greater than 0.1 foot is

measured biweekly. During the reporting period, monitoring well ASE-107A was measured approximately biweekly, as indicated in Table 2-1. (All tables are provided at the end of this report.) A biweekly monitoring schedule was triggered for monitoring wells ASE-89A and ASE-111A as a result of free-product thickness measurements in excess of 0.1 foot during the reporting period. The free-product thickness in monitoring well ASE-67A is measured weekly, as indicated in Table 2-2, because the well contains an automated free-product recovery system that requires weekly inspections.

Free-product thicknesses are illustrated in this quarterly status report for measurements collected on March 5, 2007 (ASE-67A only) and March 6, 2007 (the last complete monitoring round of the reporting period), as well as the historical maximum thicknesses. Tables 2-1 and 2-2 provide free-product thickness measurements collected during the reporting period for all monitoring wells where free product has been observed historically.

On March 6, 2007, Honeywell observed free product in nine monitoring wells located on its property and Phoenix Sky Harbor International Airport property (including monitoring well ASE-67A measured on March 5, 2007), as shown on Figure 2-1. Except for monitoring well ASE-91A, these monitoring wells previously contained free product at thicknesses greater than those measured in March 2007. The March 6, 2007 free-product thickness measurement of 0.04 foot represented the maximum thickness observed in monitoring well ASE-91A (Table 2-1). The maximum free-product thickness observed in any monitoring well on March 6, 2007, was 0.44 foot in monitoring well ASE-107A (Figure 2-1). The free-product thickness in monitoring well ASE-107A on March 6, 2007 was less than the maximum free-product thickness observed in this well to date (0.73 foot on April 5, 2006). It should be noted that the automated free-product skimmer system currently installed in monitoring well ASE-67A controls the free-product thickness in the well. Therefore, the reported free-product thicknesses for monitoring well ASE-67A do not represent equilibrium conditions.

A comparison to the previous quarter's free-product thickness measurements (collected on December 4 and 6, 2006) shows that changes in free-product thicknesses were variable between December 2006 and March 2007 (CH2M HILL, 2007). Of the monitoring wells containing free product in one or both of the December 2006 and March 2007 full monitoring rounds, the thickness of product decreased in three wells (ASE-51A, ASE-67A, and ASE-90A), increased in six wells (ASE-19A, ASE-91A, ASE-102A, ASE-107A, ASE-111A and ASE-115A), and remained the same in one well (ASE-89A) from the measurements collected on December 4 and 6, 2006. Free product was encountered in monitoring well ASE-19A and ASE-111A on March 6, 2007; these wells did not contain free product on December 6, 2006. (Prior to December 2006, free product was last encountered in monitoring well ASE-19A on August 16, 2006 and in monitoring well ASE-111A on November 1, 2006.) Conversely, free product was not encountered on March 6, 2007 in monitoring well ASE-90A; this well contained free product during the previous quarter's monitoring round on December 6, 2006 at a thickness of 0.01 foot (CH2M HILL, 2007).

The March 2007 free-product thickness measurements indicate that the free product was limited to three separate areas, similar to the previous reporting period (Figure 2-1). North of Air Lane on the Honeywell facility, free product was detected in monitoring wells ASE-19A, ASE-51A, ASE-67A, ASE-111A, and ASE-115A. South of Air Lane on the Honeywell facility, free product was detected in monitoring well ASE-91A, located in the central portion of the area associated with the CAP. On Phoenix Sky Harbor International

Airport property, free product was detected in monitoring wells ASE-89A, ASE-102A, and ASE-107A. Each of these free-product areas is delineated further by monitoring wells that did not contain free product (Figure 2-1).

As stated above, free product has been observed historically in 30 different monitoring wells located on the Honeywell facility and Phoenix Sky Harbor International Airport property. The maximum free-product thickness measured in any of these wells since April 1999, when free product was first encountered in a monitoring well at the Honeywell facility, was 4.52 feet in monitoring well ASE-67A on July 26, 2005 (Figure 2-2).

The historical free-product thickness measurements show that the cross-gradient extent of the free-product pool can be defined historically by groundwater monitoring wells ASE-54A and ASE-66A to the northwest and by monitoring wells BC-7A and ASE-127A to the southeast. The upgradient (northeast) extent of the free-product pool can be delineated by monitoring wells ASE-59A, ASE-60A, and ASE-61A. According to the historical thickness measurements, the downgradient (south-southwest) extent of the free-product pool can be defined by monitoring wells ASE-58A, ASE-46A, ASE-62A, ASE-65A, ASE-126A, ASE-97A, BC-8B, ASE-95A, ASE-124A, ASE-100A, ASE-101A, ASE-128A, ASE-98A, ASE-99A, ASE-110A, ASE-109A, ASE-123A, ASE-122A, ASE-112A, and ASE-105A (Figure 2-2).

The historical extent of free product was revised in this quarterly status report to reflect that monitoring well ASE-106A, installed in February 2005, has never contained free product (Figure 2-2). Monitoring wells ASE-108A (installed in March 2005) and ASE-116A (installed in December 2005) have also never contained free product but, given their locations either very near a monitoring well containing free product (ASE-108A), or between sets of monitoring wells containing free product (ASE-116A) these wells remain within the historical extent of free product delineation illustrated on Figure 2-2.

2.2 Groundwater

In accordance with Honeywell's *LUST Field Sampling Plan – Groundwater Sampling, Free-product Monitoring and Recovery Plan* (CH2M HILL, 2005a), Honeywell performs quarterly evaluations of the groundwater quality in the area associated with the CAP. In addition, Honeywell measures groundwater levels in monitoring wells associated with the CAP monthly, as presented in the above-referenced plan (CH2M HILL, 2005a). As part of the overall groundwater monitoring program for the Honeywell facility, groundwater levels are also measured quarterly in all other Honeywell groundwater monitoring wells. This section presents the results of the March 2007 evaluation of the groundwater levels and associated groundwater flow directions in March 2007 in the area associated with the CAP. Hydrographs illustrating water level elevations over time for each of Honeywell's UST monitoring wells are included in Appendix A.

Sixty-two monitoring wells were sampled as part of the quarterly UST monitoring program between March 12 and 23, 2007. Analytical results from these monitoring wells are presented in this quarterly status report on plan view maps and discussed below. Complete laboratory analytical and data validation reports are contained in Appendix B. A groundwater sample was not collected from monitoring well BC-18 during the March 2007 sampling event because this well was dry. This monitoring well was also dry during the

September and December 2006 sampling events. A groundwater sample was not collected from monitoring well ASE-19A because there was not a sufficient amount of groundwater in the monitoring well casing to collect a representative sample. In addition, a groundwater sample was not collected from monitoring well ASE-67A due to the ongoing operation of an automated free-product skimmer system in the well.

This section includes plan view maps with posted water quality data for:

- Benzene.
- MTBE.
- Naphthalene.
- Benzo(a)pyrene.
- Total BTEX.
- TRPH.
- Total VOCs.
- Total non-fuel VOCs.
- Total TCE.
- Total 1,1,1-TCA.

Concentration contours are presented along with the posted data for the individual compounds (benzene, MTBE, naphthalene). These contours delineate areas exceeding regulatory standards and standard laboratory detection limits.

2.2.1 Water-level Elevations

Groundwater elevations for all monitoring wells at and near the Honeywell facility were measured on March 6, 2007, except for monitoring well ASE-67A, which was measured on March 5, 2007. These elevations and associated groundwater-level contours are presented on Figure 2-3 for the eastern portion of the Honeywell facility and Phoenix Sky Harbor International Airport property. Similar to previous time periods, the direction of groundwater flow in this area was to the south-southwest (Figure 2-3). A comparison of water-level elevations collected in December 2006 and March 2007 shows that water levels declined in nearly three-quarters of the monitoring wells associated with the CAP (Table 2-3). Water levels declined in 45 of the 64 monitoring wells measured between December 2006 and March 2007, with decreases ranging from 0.01 foot (ASE-113A) to 0.78 foot (BC-7A) for an average decline of approximately 0.34 foot. Water-level elevations increased in 18 monitoring wells during the same period. These water-level increases ranged from 0.05 foot (ASE-114A) to 0.51 foot (ASE-125A), and were limited to monitoring wells located in the southern portion of the area associated with the CAP. The water-level elevation in one monitoring well, ASE-107A, was the same for both the December 2006 and March 2007 measurements.

During 2005 and the majority of 2006, water levels at the Honeywell facility and the northern portion of Phoenix Sky Harbor International Airport increased, deviating from the long-term trend of regional decline. Honeywell evaluated these rising water levels as part of Honeywell's UST remedial design process. The results of this evaluation suggest that discharge into the Salt River from sources, including the City of Tempe and the City of Mesa, caused the baseline flow in the Salt River channel to increase from about 1 to 2 cubic feet per second to approximately 10 cubic feet per second. This change in baseline flow,

coupled with a few substantial precipitation events during the 2006 summer monsoon season, affected water levels in the area near the Salt River, including the Honeywell facility and Phoenix Sky Harbor International Airport property. Records from the United States Geological Survey indicate that the increase in baseline flow in the Salt River began at roughly the same time as the winter 2004/2005 storms, which caused the initial rise in the water table and the divergence from the regional water-level declines. Honeywell's evaluation also found that the discharges by the City of Tempe ceased in early September 2006, and discharges from the City of Mesa were planned to cease or significantly decrease by early 2007. The reduction or discontinuation of these discharges should cause the localized water table to return to the regional decline seen in other areas of the Salt River Basin. Beginning in late 2006, water levels at Honeywell facility and the northern portion of the Phoenix Sky Harbor International Airport generally appeared to decline. This water-level decline continued through the first quarter of 2007 for monitoring wells located at the Honeywell facility, suggesting a return to the long-term trend of regional water level decline. Conversely, water levels in monitoring wells located in the northern portion of the Phoenix Sky Harbor International Airport rose slightly from January to March 2007. Hydrographs presented in Appendix A illustrate water-level elevations over time for each of Honeywell's UST monitoring wells.

Honeywell has been following the City of Tempe's installation and operation of a pipe and pump system to pump water out of the area upstream of Tempe Town Lake and discharge the water back into the Salt River riverbed downstream of the Lake's west dam. According to newspaper reports, the system is capable of pumping out approximately 15 to 20 million gallons of water a day. The City of Tempe began using the pump system on March 21, 2007. Because this system began operating near the end of the first quarter, the effect this water bypass has on water levels at and near the Honeywell facility was not evident during the reporting period, but the effect, if any, will be closely monitored and discussed in future status reports as information becomes available.

2.2.2 Benzene

Benzene was detected in groundwater throughout the eastern portion of the Honeywell facility and onto Phoenix Sky Harbor International Airport property in March 2007, generally consistent with the historical areal extent of the free-product pool. The maximum concentration of benzene in March 2007 occurred in monitoring well ASE-63A (4,300J micrograms per liter [µg/L]), as shown on Figure 2-4. This concentration was higher than the previous quarter's maximum of 3,700 µg/L, which also occurred in monitoring well ASE-63A (CH2M HILL, 2007). Consistent with the data from December 2006 and prior sampling rounds, the highest benzene concentrations in March 2007 occurred in monitoring wells associated with the Area 2 fuel farm (ASE-63A, 4,300J µg/L; ASE-115A, 4,100 µg/L; ASE-116A, 1,700 µg/L; ASE-39A, 1,100 µg/L; ASE-38A, 820 µg/L). Concentrations of benzene exceeding the USEPA maximum contaminant level (MCL) of 5 µg/L were detected both at the Honeywell facility and beneath the northern portion of Phoenix Sky Harbor International Airport in March 2007, as shown on Figure 2-4.

In general, the March 2007 benzene concentrations were slightly lower than those in December 2006, with some increases observed in monitoring wells on the Honeywell facility. The most significant increase in benzene concentration was observed in monitoring

well ASE-116A, located immediately downgradient of the Area 2 fuel farm, which increased from 830 µg/L in December 2006 to 1,700 µg/L in March 2007. Other increases in the higher concentrations of benzene at the Facility occurred in monitoring well ASE-115A, which increased from 3,400 µg/L in December 2006 to 4,100 µg/L in March 2007, and monitoring well ASE-63A, which increased from 3,700 µg/L in December 2006 to 4,300J µg/L in March 2007. Of the increases in benzene concentrations between December 2006 and March 2007, two monitoring wells had benzene concentrations that increased from below the MCL in December 2006 to above the MCL in March 2007. Monitoring wells ASE-46A and ASE-108A had benzene concentrations of 4.9 µg/L and 3.7 µg/L, respectively, in December 2006, and concentrations of 5.6 µg/L and 6.1 µg/L, respectively, in March 2007. Benzene concentrations decreased between December 2006 and March 2007 in monitoring wells located in the northern portion of Phoenix Sky Harbor International Airport. The benzene concentration in monitoring well ASE-112A decreased from 6.3 µg/L in December 2006 to 2.8 µg/L in March 2007, below the MCL of 5 µg/L.

As illustrated on Figure 2-4, 10 monitoring wells that contained detectable concentrations of benzene at estimated concentrations below the minimum reporting level (MRL) of 1 µg/L in December 2006 did not have detectable concentrations in March 2007 (CH2M HILL, 2007). The reason for the decreased detections is that analytical services were provided by a new laboratory (Severn Trent Laboratories) in March 2007, and this laboratory did not provide estimated values below the MRL.

Given the south-southwesterly direction of groundwater flow in the area, the extent of benzene concentrations exceeding the MCL is delineated in all directions. The upgradient (northeast) extent is delineated by monitoring wells ASE-59A, ASE-60A, and ASE-61A. The cross-gradient extent is delineated by monitoring wells PL-2101, ASE-66A, and ASE-54A to the northwest and by monitoring wells ASE-127A and BC-7A to the southeast, as illustrated on Figure 2-4. The downgradient (south-southwest) extent of benzene exceeding the MCL is delineated by monitoring wells ASE-58A, PL-201A, ASE 62A, ASE-65A, ASE-126A, ASE-97A, ASE-95A, BC-8B, ASE-124A, ASE-96A, ASE-106A, ASE-102A, ASE-114A, and ASE-113A (Figure 2-4). Additional monitoring wells downgradient of the Honeywell facility did not contain detectable levels of benzene, as indicated on Figure 2-4.

2.2.3 Methyl Tert-butyl Ether

Consistent with previous sampling rounds, MTBE was detected in groundwater samples collected from the eastern portion of the Honeywell facility and the Phoenix Sky Harbor International Airport property in March 2007. The maximum concentration of MTBE in March 2007 occurred in monitoring well ASE-89A (700 µg/L), located just south of the Honeywell facility on Phoenix Sky Harbor International Airport property, as shown on Figure 2-5. This concentration was lower than the December 2006 maximum MTBE concentration of 1,100 µg/L, also detected in monitoring well ASE-89A, but is consistent with the historical MTBE concentrations in this area (CH2M HILL, 2007). In March 2007, additional elevated (>200 µg/L) MTBE concentrations of 300 µg/L, 450 µg/L, and 450 µg/L were detected on the Honeywell facility, south of the Area 2 fuel farm, in monitoring wells ASE-116A, ASE-39A, and ASE-92A, respectively. In December 2006, adjacent monitoring wells ASE-115A (650 µg/L) and ASE-63A (400 µg/L) also had MTBE concentrations >200 µg/L; however, in March 2007, samples collected from these wells had elevated MRLs

of 1,000 µg/L and 500 µg/L, respectively (see below for a discussion of elevated MRLs in March 2007). Monitoring wells ASE-90A and ASE-106A, located south-southwest of monitoring well ASE-89A on Phoenix Sky Harbor International Airport property, also had elevated (>200 µg/L) MTBE concentrations of 230 µg/L and 210J µg/L, respectively, in March 2007. Concentrations of MTBE exceeding its ADEQ-recommended Tier 1 remedial level of 94 µg/L—the remedial level that should be used when an existing drinking water receptor is not affected or is not potentially affected by MTBE (ADEQ, 2002)—were detected both on the Honeywell facility and beneath the northern portion of Phoenix Sky Harbor International Airport, as shown on Figure 2-5.

For the majority of the samples analyzed in March 2007, the MTBE laboratory MRL was 5 µg/L; however, 27 of the samples were assigned elevated (>20 µg/L) MRLs. Although MTBE was not detected above these elevated MRLs in 13 of the 27 samples in March 2007, MTBE was detected in each of these samples in December 2006 (CH2M HILL, 2007). Due to the elevated MRLs, the non-detect designations of these samples should be considered in conjunction with the specified MRL and the previous quarter's detected concentration. Samples with non-detect results and elevated MRLs were associated with monitoring wells ASE-115A (MRL of 1000 µg/L), ASE-63A (MRL of 500 µg/L), ASE-38A and ASE-56A (MRL of 200 µg/L), ASE-51A and ASE-57A (MRL of 100 µg/L), ASE-64A and PL-101A (MRL of 50 µg/L), ASE-41A (MRL of 33 µg/L), ASE-37A and ASE-46A (MRL of 25 µg/L), and ASE-55A and PL-105A (MRL of 20 µg/L). It is probable that the samples collected from those monitoring wells contained MTBE at concentrations above 1 µg/L and below their respective MRLs. To avoid misrepresentation of the March 2007 MTBE plume extent, samples with elevated MRLs and non-detect designations were not used to produce the contours on Figure 2-5.

Concentrations of MTBE in March 2007 decreased from the previous quarter in the majority of monitoring wells located on the Honeywell facility and Phoenix Sky Harbor International Airport, although some of the changes in concentration were masked by the elevated MRLs discussed above. The area that exceeded the Tier 1 remedial level of 94 µg/L remained very similar to the previous quarter, with a slight decrease in size caused by the decrease in MTBE concentrations in two monitoring wells: ASE-111A (110J µg/L in December 2006 to 68 µg/L in March 2007) and ASE-95A (160 µg/L in December 2006 to 82J µg/L in March 2007).

In March 2007, MTBE was not detected in 24 monitoring wells that had detectable concentrations of MTBE during the previous sampling round. Twelve of these monitoring wells contained concentrations of MTBE below 5 µg/L in December 2006 and were reported as detections by the laboratory because of their lower-than-normal MRL (1 µg/L) used in December 2006. In addition to the lower-than-normal MRL, the laboratory also estimated concentrations below 1 µg/L for some monitoring wells in December 2006. A more typical MRL of 5 µg/L was used for the majority of the March 2007 samples, resulting in an increase in non-detects relative to December 2006. Consequently, the extent of the March 2007 MTBE plume was reduced. The contour illustrating the extent of detectable concentrations of MTBE was shifted inward on both the east and west sides of the plume, as shown on Figure 2-5. Additionally, 12 monitoring wells that contained detectable concentrations of MTBE during the previous sampling event, but whose samples were assigned elevated MRLs in March 2007, likely contributed to the reduction of the number of

wells with detectable MTBE. Data from these 12 monitoring wells were not used to produce the contours presented on Figure 2-5.

Given the south-southwesterly direction of groundwater flow in the area, the extent of MTBE concentrations exceeding its Tier 1 remedial level is delineated in all directions. The upgradient (northeast) extent is delineated by monitoring wells ASE-52A, ASE-53A, ASE-111A, ASE-60A, and ASE-61A; the cross-gradient extent is delineated by monitoring wells ASE-66A, PL-2101, and ASE-20A to the northwest and by monitoring wells ASE-37A, PL-101A, ASE-127A, BC-7A, and ASE-64A to the southeast (Figure 2-5). The downgradient (south-southwest) extent of MTBE exceeding its Tier 1 remedial level is delineated by monitoring wells ASE-41A, ASE-46A, ASE-62A, ASE-55A, ASE-108A, PL-105A, ASE-91A, BC-8B, ASE-95A, ASE-124A, ASE-100, ASE-101A, ASE-102A, ASE-107A, and ASE-113A (Figure 2-5). Monitoring wells with MRLs above 94 µg/L in March 2007 were not used to delineate the extent of MTBE exceeding its Tier 1 remedial level. Additional monitoring wells downgradient of the Honeywell facility did not contain detectable levels of MTBE, as indicated on Figure 2-5.

Based on the March 2007 data, the extent of the MTBE plume on Phoenix Sky Harbor International Airport property was delineated to ADEQ's investigative level of 20 µg/L by monitoring wells ASE-97A, ASE-126A, ASE-125A, ASE-103A, ASE-124A, and ASE-100A to the west and southwest and by monitoring wells ASE-128A, ASE-101A, ASE-102A, ASE-110A, ASE-109A, ASE-114A, ASE-107A, and ASE-113A to the south and southeast (Figure 2-5).

2.2.4 Naphthalene

Naphthalene was detected in groundwater throughout the eastern portion of the Honeywell facility and beneath the Phoenix Sky Harbor International Airport property, as shown on Figure 2-6. This distribution was generally consistent with the extent of the free-product pool, although the extent of naphthalene was further west and further south in March 2007. The maximum concentration of naphthalene in March 2007 occurred in monitoring well ASE-116A (500 µg/L), located in the parking lot south of the Area 2 fuel farm, as shown on Figure 2-6. The concentration of naphthalene in monitoring wells ASE-116A and ASE-51A increased from 89 µg/L and 170 µg/L, respectively (December 2006), to 500 µg/L and 360J µg/L, respectively (March 2007), thus increasing the area where the naphthalene concentrations exceeded the health-based guidance level of 280 µg/L to the north and to the east. The concentration of naphthalene in monitoring well ASE-56A decreased from 450 µg/L in December 2006 to 260 µg/L in March 2007. This resulted in an eastward shift of the contour illustrating the extent of naphthalene concentrations exceeding the health-based guidance level. Other detectable concentrations of naphthalene above the laboratory MRL in March 2007 ranged from 2.1 µg/L (ASE-65A) to 200 µg/L (ASE-63A). Naphthalene was detected in two monitoring wells in March 2007 that did not have naphthalene detections during the previous sampling round (ASE-99A, 2.3 µg/L; and ASE-113A, 4.0 µg/L). Consequently, the contour illustrating the extent of naphthalene detections for March 2007 was extended just beyond these monitoring wells, as shown on Figure 2-6. Figure 2-6 also indicates that the area where naphthalene concentrations exceeded the health-based guidance level is limited and defined by the Honeywell UST monitoring well network.

2.2.5 Benzo(a)pyrene

Consistent with historical data, benzo(a)pyrene was not detected in any monitoring well sampled in March 2007, as shown on Figure 2-7. In the future, Honeywell's quarterly status reports will not include a figure depicting benzo(a)pyrene concentrations if it is not detected in any monitoring well during the reporting period.

2.2.6 Total Benzene, Toluene, Ethylbenzene, and Xylenes

Total BTEX consists of the sum of concentrations of benzene, toluene, ethylbenzene, and total xylenes (*meta*, *para*, and *ortho* isomers). BTEX components were detected throughout the area associated with the CAP in March 2007, with a maximum total BTEX concentration of 5,210J µg/L in monitoring well ASE-63A, as shown on Figure 2-8. Total BTEX concentrations exceeding 500 µg/L were detected in eight monitoring wells located in the northern portion of the area associated with the CAP. These monitoring wells were located either adjacent to the Area 2 fuel farm (ASE-63A, ASE-115A, ASE-39A, ASE-116A, and ASE-38A), south of the Area 2 fuel farm (ASE-64A), or west of the Area 2 fuel farm (ASE-56A and ASE-57A), as shown in Figure 2-8. This is roughly the same concentration pattern as the previous quarter (December 2006), although concentrations exceeding 500 µg/L were located further south, but not as far north, as those detected in December 2006 (CH2M HILL, 2007).

BTEX compounds were not detected in 18 monitoring wells in March 2007 that had detectable levels of the compounds in December 2006. As described with respect to detections of benzene, the primary reason for the decreased reported detections of BTEX compounds is that analytical services were provided by a new laboratory in March 2007, and this laboratory did not provide estimated values below the MRL. As illustrated on Figure 2-8, some of the results for March 2007 are "J" flagged, which indicates that at least one of the BTEX components was estimated by the laboratory. Twenty of the 26 monitoring wells located on Phoenix Sky Harbor International Airport property did not contain detectable levels of BTEX components in March 2007, as shown on Figure 2-8. In March 2007, a BTEX compound (ethylbenzene) was detected for the first time in monitoring well ASE-99A at a concentration of 2.0 µg/L.

2.2.7 Total Recoverable Petroleum Hydrocarbons

TRPH consists of the sum of compounds with the carbon range C_{10} to C_{32}. TRPH compounds were detected throughout the area associated with the CAP in March 2007 at concentrations generally greater than the previous quarter. The maximum TRPH concentration in March 2007 was 17,000 µg/L in monitoring well ASE-51A, as shown on Figure 2-9. This was an increase from the maximum TRPH concentration of 10,000 µg/L detected in monitoring well ASE-55A in December 2006 (CH2M HILL, 2007). The TRPH concentration in monitoring well ASE-55A decreased from 10,000 µg/L in December 2006 to 1,400 µg/L in March 2007, while the TRPH concentrations in monitoring wells ASE-51A, ASE-57A, and ASE-89A increased from 1,138J µg/L, 3,766J µg/L, and 3,139J µg/L, respectively (December 2006), to 17,000 µg/L, 8,400µg/L, and 9,200 µg/L, respectively (March 2007). TRPH concentrations exceeding 1,000 µg/L were detected in eight monitoring wells in March 2007, with six of the eight wells located on the Honeywell facility. Unlike the BTEX components, the highest TRPH concentrations were not found in the area associated

with the Area 2 fuel farm. Rather, the majority of the maximum concentrations were detected in monitoring wells located downgradient of a known historical fuel release from the original Area 2 fuel farm (southwest corner of Building 230), as shown on Figure 2-9. Sixteen of the 26 monitoring wells located on Phoenix Sky Harbor International Airport property did not contain detectable levels of TRPH in March 2007.

Fifteen monitoring wells that contained detectable levels of TRPH compounds during the December 2006 sampling round did not have detections of TRPH compounds in March 2007. The December 2006 TRPH detections in these monitoring wells were all "J" flagged because the laboratory estimated concentrations below the MRL (CH2M HILL, 2007).

2.2.8 Total Volatile Organic Compounds

Total VOCs consist of the sum of detected concentrations from the USEPA Method 8260 analyte list. VOCs were detected in the majority of monitoring wells sampled in March 2007, with a maximum total VOC concentration of 5,410J µg/L in monitoring well ASE-63A, as shown on Figure 2-10. This was an increase from the December 2006 maximum total VOC concentration of 5,032J µg/L detected in monitoring well ASE-115A (CH2M HILL, 2007). In general, total VOC concentrations decreased between December 2006 and March 2007. Total VOC concentrations exceeding 700 µg/L were detected in the same monitoring wells as those containing concentrations of total BTEX greater than 450 µg/L, with the addition of monitoring well ASE-51A (817J µg/L), which contained a total BTEX concentration of 270J µg/L.

As shown on Figure 2-10, eight monitoring wells that had detectable levels of VOCs in December 2006 did not contain detectable levels of VOCs in March 2007 (CH2M HILL, 2007). These monitoring wells are all located on the fringes of the area associated with the CAP. Similar to the other compounds discussed in this report, this change is attributed to the different laboratory reporting levels implemented in the December 2006 and March 2007 sampling rounds.

2.2.9 Total Non-fuel Volatile Organic Compounds

Total non-fuel VOCs consist of the sum of detected concentrations from a list of analytes prepared by a CH2M HILL chemist and are shown in Table 2-4. The analytes listed in Table 2-4 represent compounds not related to releases of petroleum hydrocarbons (e.g., jet fuel). Non-fuel VOCs were detected in the majority of monitoring wells sampled in March 2007 at the Honeywell facility, but were detected in only eight of the 26 monitoring wells located on Phoenix Sky Harbor International Airport property. Similar to past sampling events, concentrations of non-fuel VOCs were much lower than concentrations of VOCs. This is consistent with the location of the sampled monitoring wells, which are in an area primarily contaminated with fuel-related compounds. The maximum total non-fuel VOC concentration in March 2007 was 171 µg/L in monitoring well ASE-55A, as shown on Figure 2-11. This concentration represented a decrease from the December 2006 maximum total non-fuel VOC concentration of 189J µg/L, detected in monitoring well ASE-91A (CH2M HILL, 2007). Two other monitoring wells sampled during March 2007, both located on the Honeywell facility, contained total non-fuel VOC concentrations at or exceeding 100 µg/L (ASE-91A at 160 µg/L and PL-105A at 100 µg/L). Monitoring well ASE-63A, which contained the highest concentration of total VOCs in March 2007, did not contain detectable

levels of non-fuel VOCs, although the lack of reported detections could be due to the elevated MRLs applied to the sample. Regardless, this indicates that most, if not all, of the detectable compounds found in this well were fuel-related.

Similar to total VOCs, total non-fuel VOC concentrations observed in March 2007 were lower compared to the December 2006 concentrations in the majority of monitoring wells. Included in this comparison were 32 monitoring wells that were reported to contain detectable levels of non-fuel VOCs in December 2006 but did not contain non-fuel VOCs in March 2007. As with the other compounds discussed in this report, the majority of the shifts from detected to non-detected levels of total non-fuel VOCs were a result of the December 2006 laboratory estimating concentrations below the MRL and the March 2007 laboratory applying elevated MRLs to some sample analytes.

2.2.10 Total Trichloroethylene

Total TCE consists of the sum of detected concentrations of TCE and its daughter products, cis-1,2-dichloroethene and vinyl chloride. Calculating values of total TCE allows for an evaluation of the distribution of compounds related to releases of TCE, where the parent compound (TCE) may have degraded to its daughter products. In March 2007, TCE and related compounds were detected at relatively low concentrations throughout the area associated with the CAP on the Honeywell facility, with only one low (5.6 µg/L) detection observed in a monitoring well (BC-8B) located on Phoenix Sky Harbor International Airport property, as shown on Figure 2-12. The maximum total TCE concentration in March 2007 was observed in monitoring well ASE-68A (37 µg/L), located adjacent to Buildings 202, 203, and 204 in the northern portion of the area associated with the CAP on the Honeywell facility (Figure 2-12). Total TCE concentrations exceeding 20 µg/L were only detected in three monitoring wells: ASE-68A (37 µg/L), ASE-60A (22 µg/L), and ASE-55A (21 µg/L).

Total TCE concentrations observed in March 2007 were lower compared to the December 2006 concentrations in the majority of monitoring wells. Included in this comparison were 35 monitoring wells that were reported to contain detectable levels of TCE-related compounds in December 2006 but did not contain these compounds in March 2007. As with the other compounds discussed in this report, the majority of the shifts from detected to non-detected levels of total TCE were a result of the December 2006 laboratory estimating concentrations below the MRL and the March 2007 laboratory applying elevated MRLs to some sample analytes.

2.2.11 Total 1,1,1-trichloroethane

Total 1,1,1-TCA consists of the sum of detected concentrations of 1,1,1-TCA and its daughter products, 1,1-dichloroethane, 1,1-dichloroethene, and chloroethane. Similar to total TCE, calculating values of total 1,1,1-TCA allows for an evaluation of the distribution of compounds related to releases of 1,1,1-TCA where the parent compound (1,1,1-TCA) may have degraded to its daughter products. Consistent with historical distributions, compounds related to 1,1,1-TCA were detected in monitoring wells located primarily in the western portion of the area associated with the CAP in March 2007, with a maximum total 1,1,1-TCA concentration of 150 µg/L in monitoring well ASE-55A, as shown on Figure 2-13. In addition to monitoring well ASE-55A, total 1,1,1-TCA concentrations exceeding 50 µg/L were only detected in three other monitoring wells: ASE-91A (149 µg/L), PL-105A

(88 µg/L), and ASE-46A (84J µg/L). Only four of the 26 monitoring wells located on Phoenix Sky Harbor International Airport property contained detectable levels of 1,1,1-TCA-related compounds, as shown on Figure 2-13.

Similar to total TCE, total 1,1,1-TCA concentrations observed in March 2007 were lower compared to the December 2006 concentrations in the majority of monitoring wells. Included in this comparison were 38 monitoring wells that were reported to contain detectable levels of 1,1,1-TCA-related compounds in December 2006 but did not contain these compounds in March 2007. As with the other compounds discussed in this report, the majority of the shifts from detected to non-detected levels of total 1,1,1-TCA were a result of the December 2006 laboratory estimating concentrations below the MRL and the March 2007 laboratory applying elevated MRLs to some sample analytes.

SECTION 3.0

3.0 Site Remediation Activities

This section summarizes the scope and results of site remediation activities conducted during the first quarter of 2007.

3.1 Free-product Recovery

During first quarter 2007, Honeywell continued biweekly manual recovery of free product from monitoring wells with free-product thicknesses greater than 0.1 foot. A portable free-product pump, the Spill Buddy Pro™ from Clean Earth Technology, was used to manually recover the free product.

Free product was also recovered from monitoring well ASE-67A using an automated free-product skimming pump, the Magnum Spill Buster™ from Clean Earth Technology, which was installed on December 24, 2005. The pump was installed in monitoring well ASE-67A in conformance with CAP free-product monitoring and recovery requirements.

Approximately 21 gallons of free product, including 19 gallons from monitoring well ASE-67A, were recovered during first quarter 2007. This compares to the approximate 23 gallons recovered during fourth quarter 2006, 23 gallons recovered during third quarter 2006, and 62 gallons recovered during second quarter 2006. Approximately 7,209 gallons have been recovered using skimming technologies since free-product recovery efforts began on June 1, 1999. Table 3-1 summarizes the amount of free product recovered at each monitoring well that historically has had measurable free product.

3.2 Bioenhanced Soil-vapor Extraction

3.2.1 BSVE Air Permitting

During the months of January and February 2007, Honeywell and the Maricopa County Air Quality Department (MCAQD) worked on revisions to the draft BSVE air permit and associated technical support documents. MCAQD scheduled the public hearing for April 19, 2007 and issued public notices for the draft air permit and public hearing on March 8, 9, 15, and 16, 2007. Subsequent to issuing the public notices, it was determined that MCAQD requirements were not met for the notices; therefore, MCAQD decided to issue a cancellation notice and reschedule the public hearing for May 31, 2007. Based on available information received from MCAQD and their permitting consultant (Kleinfelder), the approximate timeline for issuing a final permit is roughly early third quarter 2007. This includes time for:

- Public hearing and response to comments.
- Revision of the draft permit.
- USEPA review of the permit.

Upon issuance of the final air permit, Honeywell will commence construction of the BSVE system piping at the Honeywell facility and initiate the process for procuring air treatment equipment. Honeywell will continue to work with MCAQD and Kleinfelder and provide the status of the air permit to ADEQ in future quarterly status reports.

3.2.2 BSVE Field Activities

Quarterly subsurface utility vault monitoring for O_2, CO_2, methane, and %LEL was conducted at 13 Phoenix Sky Harbor International Airport subsurface utility vaults and 47 Honeywell subsurface utility vaults on March 14, 2007. Results from this monitoring event indicated that methane concentrations and %LEL in both the Phoenix Sky Harbor International Airport and Honeywell subsurface utility vaults continue to be below the instrument detection limit. The next anticipated field measurement sampling event for O_2, CO_2, methane, and %LEL at the Phoenix Sky Harbor International Airport and Honeywell subsurface utility vaults is anticipated to be in June 2007. Table 3-2 presents the first quarter 2007 subsurface utility vault air field parameter measurements.

To support BSVE design activities, Honeywell conducted air extraction tests at 14 monitoring wells to verify adequacy of the air extraction blower specification and pipe sizing between March 7 and March 13, 2007. A series of wellhead pressure and flow measurements were collected during these tests and are currently being evaluated. These data will be presented in the Second Quarter Status Report for 2007, scheduled for submittal to ADEQ on August 29, 2007. Figure 3-1 presents monitoring well locations where the air extraction well tests were conducted.

Based on limitations listed in *Guidelines for Remediation of Contaminated Soil* (Maricopa County, 1998) and input from MCAQD, air extraction well testing operations were limited to a total blower operation time of no more than 8 hours, with total VOC emissions of no more than 3 pounds per day.

3.2.3 Vapor Monitoring Program

On January 16, 17, and 23, 2007, USEPA Method TO-15 vault air sampling was conducted per the *Final Field Sampling Plan for PSHIA Subsurface Utility Vaults for Baseline Air Sampling Using EPA Method TO-15* (CH2M HILL, 2006b). Of the 19 subsurface utility vaults identified in the field sampling plan for vault air sampling, 11 utility vaults and two stormwater manholes were sampled, as shown on Figure 3-2. In addition, six ambient air samples were collected to represent background air. Table 3-3 presents a summary of the compounds detected during this sampling event. The remaining six subsurface utility vaults were not sampled because the vaults contained standing water or the bottom of the vaults were damp, indicating that the soils beneath the vault were not under ideal conditions for sampling (that is, soils beneath vault were likely saturated). With the exception of acrolein, all chemical compounds were below the vault air action levels, the Occupational Safety Health Administration permissible exposure limits, the National Institute of Occupational Safety and Health recommended exposure limits, and the American Conference of Governmental Industrial Hygienists threshold limit values developed to assess the potential worker exposure to VOCs in subsurface utility vault air under static conditions (i.e., no air injection). Acrolein is the only compound that exceeded a vault air action level; however, acrolein was found in all of the ambient air samples at similar concentrations. Acrolein is

not a constituent of jet fuel but is found in jet engine and diesel exhaust and is considered a breakdown product of burning tobacco or burning of fuels. Based on the USEPA Urban Air Toxics Monitoring Program (USEPA, 1999), acrolein ranged from non-detect to 1.88 micrograms per cubic meter (0.0018 μg/L) in cities across the United States. The concentrations of acrolein found in the vault air, as well as the ambient air, fell within this range.

On March 7, 2007, Honeywell and the City of Phoenix agreed to collect a second round of samples from a select number of subsurface utility vaults on Phoenix Sky Harbor International Airport property. The purpose of the second round is to confirm the first round sampling results. The targeted sampling time frame will most likely be in May or June 2007 to maximize the drying of the vaults.

SECTION 4.0

4.0 Summary of Planned Work

Activities planned between April 2007 and June 2007 include:

- Conducting the third quarter groundwater sampling event for 2007 (tentatively scheduled for June 4 through June 8, 2007), monthly water-level measurements, and biweekly and monthly free-product monitoring and recovery in accordance with the *LUST Field Sampling Plan – Groundwater Sampling, Free Product Monitoring and Recovery Plan* (CH2M HILL, 2005a).
- Continuing to work with Maricopa County on the progress of the BSVE air permit and submit any requested supplemental material in a timely manner.
- Conducting quarterly field parameter monitoring from select Phoenix Sky Harbor International Airport and Honeywell subsurface utility vaults in June 2007.
- Conducting the second round of USEPA TO-15 sampling from select Phoenix Sky Harbor International Airport subsurface utility vaults in either May or June 2007, dependent on future precipitation events.

SECTION 5.0

5.0 Summary of Problems and Delays

Vault air samples were not collected from six subsurface utility vaults (ELE-VLT-05, ELE-VLT-11, ELE-VLT-17, ELE-VLT-19, and MH-ES8-2) during the USEPA Method TO-15 sampling event conducted on January 16 and 17, and January 23, 2007 because the vaults contained water from previous precipitation events.

A water-level measurement and groundwater sample were not collected from monitoring well BC-18 during the March 2007 sampling event because this well was dry. This monitoring well was also dry during the September and December 2006 sampling events. A groundwater sample was not collected from monitoring well ASE-19A in March 2007 because there was not a sufficient amount of groundwater in the monitoring well casing to collect a representative sample. A groundwater sample was also not collected from monitoring well ASE-67A due to the ongoing operation of an automated free-product skimmer system in the well.

Free-product measurements were not obtained for monitoring wells ASE-89A and ASE-107A during the March 21, 2007 biweekly monitoring event due to concurrence with the semiannual groundwater quality sampling event.

MCAQD scheduled the BSVE air permit public hearing for April 19, 2007 and issued public notices for the draft air permit and public hearing on March 8, 9, 15, and 16, 2007. Subsequent to issuing the public notices, it was determined that MCAQD requirements were not met for the notices; therefore, MCAQD decided to issue a cancellation notice and reschedule the public hearing for May 31, 2007.

Honeywell stopped preparation of the *Biologically Enhanced SVE with Product Recovery System Design Basis Report, North Airfield Project Design Basis Report, Honeywell International 34th Street Facility, Phoenix, Arizona* while the City of Phoenix and Honeywell determine who will take the construction lead for this work when it is performed. In the previous quarterly status report, Honeywell indicated it planned to submit this document to the City of Phoenix in February 2007 with subsequent submittal to ADEQ in the second quarter 2007. Currently, there is no estimated time frame for when this document will be completed.

SECTION 6.0

6.0 Status of Deliverables

The following is a list of deliverables submitted through first quarter 2007 since the *Site Characterization Report* dated August 23, 2002:

- On March 19, 2007, CH2M HILL, on behalf of Honeywell, submitted to ADEQ the *Biologically Enhanced SVE with Product Recovery System Design Basis Report Honeywell International 34th Street Facility*, Facility ID No. 0-002227, LUST File Nos. 0393.02-.10, .15-.17.
- On February 27, 2007, Honeywell submitted a letter to ADEQ requesting approval for modification to the approved CAP (CH2M HILL, 2004a-b) to reflect delays in obtaining the BSVE air permit and adjust the frequency of manual free-product monitoring and recovery.
- On February 27, 2007, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, the *Fourth Quarter Status Report for 2006, Honeywell 34th Street Facility, Facility ID No. 0-002227, LUST File Nos. 0393.02-.10, .15-.17.*
- On November 29, 2006, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, the *Third Quarter Status Report for 2006, Honeywell 34th Street Facility*, *Facility ID No. 0-002227, LUST File Nos. 0393.02-.10, .15.*
- On November 29, 2006, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, the *Field Sampling Plan for PSHIA Subsurface Utility Vaults for Baseline Air Sampling Using EPA Method TO-15, Honeywell 34th Street Facility, Facility ID No. 0-002227, LUST File Nos. 0393.02-.10, .15.*
- On October 20, 2006, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, the *Air Injection Pilot Test Report Honeywell 34th Street Facility, Facility ID No. 0-002227, LUST File Nos. 0393.02-.10, .15.*
- On September 15, 2006, Honeywell submitted a letter to ADEQ proposing to modify the scheduled submittal dates of quarterly status reports such that future reports are submitted to ADEQ no later than 60 days following the end of each calendar quarter.
- On August 3, 2006, Honeywell submitted to ADEQ, a letter "RE: *Modification to Final Air Injection Pilot Test Work Plan*," dated October 4, 2005, that explained the method for conducting a short-term pilot test and the plan for implementation on Phoenix Sky Harbor International Airport Property.
- On July 20, 2006, Honeywell submitted to ADEQ, a letter that explained the status of the pilot test, Honeywell's agreement with the City of Phoenix to evaluate the BSVE design, assuming 8 percent oxygen utilization rate, and the status of the air permit applications.

- On July 14, 2006, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, the *Second Quarter Status Report for 2006, Honeywell 34th Street Facility, Facility ID No. 0-002227, LUST File Nos. 0393.02-.10, .15.*
- On April 14, 2006, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, the *First Quarter Status Report for 2006, Honeywell 34th Street Facility, Facility ID No. 0-002227, LUST File Nos. 0393.02-.10, .15.*
- On March 2, 2006, Honeywell submitted to ADEQ, the *Proposed Modification to Honeywell's Groundwater Sampling, Free Product Monitoring and Recovery Plan – Total Recoverable Petroleum Hydrocarbons Analytical Method, LUST File #0393.02-.10, .15, Facility ID #0-002227.*
- On January 16, 2006, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, the *Quarterly Status Report, Quarter 1 (October 17, 2005 to January 15, 2006), Honeywell 34th Street Facility, Facility ID No. 0-002227, LUST File No. 0393.02-.10, .15.*
- On January 13, 2006, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, the *Soil Vapor Field Sampling Report, Honeywell 34th Street Facility, 111 S. 34th Street, Phoenix, Arizona.*
- On December 9, 2005, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, the *LUST Field Sampling Plan – Groundwater Sampling, Free Product Monitoring and Recovery Plan*.
- On December 7, 2005, CH2M HILL, on behalf of Honeywell, submitted to Maricopa County (1) the Revised Air Permit Application for BSVE and (2) the Air Permitting Evaluation for Air Injection Pilot Study. On December 19, 2005, copies of the Revised Air Permit Application for BSVE were sent to ADEQ, City of Phoenix Aviation Department, and USEPA.
- On November 17, 2005, CH2M HILL, on behalf of Honeywell, submitted to ADEQ's LUST Enforcement Unit, a letter that explained the reasons for the differences in the timeline for "Startup and Initial Testing" presented in the revised schedule (Revised Figure 32, attachment to the November 2, 2005 letter) and the original schedule in the CAP.
- On November 2, 2005, CH2M HILL, on behalf of Honeywell, submitted to ADEQ's LUST Enforcement Unit, a letter that provided a status update on several aspects of the CAP implementation and on the conditions established in ADEQ's October 7, 2005 CAP approval letter. Attachments to this letter included (1) revised Figure 32—Remedial Alternative 3 Implementation Schedule, (2) free-product thickness map, October 2005, (3) list of site characterization activities since submittal of the *Site Characterization Report*, (4) updated site characterization figures and tables, (5) boring logs, and (6) a CD containing analytical and monitoring well measurement data.
- On October 20, 2005, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, the *Work Plan for Additional Characterization of LUST File #0393.15 – JP-4 Fuel Pipeline Release at the Honeywell 34th Street Facility*.

- On October 4, 2005, Honeywell submitted to ADEQ the *Final Air Injection Pilot Test Work Plan, Honeywell 34th Street Facility and Phoenix Sky Harbor International Airport North Airfield, Phoenix, Arizona*.
- On September 19, 2005, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, the *Quality Assurance Project Plan, Honeywell 34th Street Facility.*
- On September 7, 2005, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, the *Work Plan for Phase III Monitoring Well Installation on Honeywell Leasehold and Phoenix Sky Harbor International Airport, Honeywell 34th Street Facility*.
- On August 22, 2005, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, the *Work Plan for Installation of Multi Level Soil Vapor Monitoring Wells and Shallow/Sub-slab Soil Vapor Monitoring Points, Honeywell 34th Street Facility*.
- On July 11, 2005, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, the *Soil Vapor Baseline Sampling and Analysis Plan, Honeywell 34th Street Facility.*
- On July 1, 2005, Honeywell submitted to ADEQ's Tank Programs Division, the *Free Product Report – LUST File #0393.15 – JP-4 Fuel Line from UST #203.*
- On June 13, 2005, Honeywell submitted to ADEQ's Tank Programs Division, the *Initial Site Characterization Report – LUST File #0393.15 – JP-4 Fuel Line from UST #203*.
- On March 29, 2005, Honeywell submitted to ADEQ's Tank Programs Division, the *14-day Report – LUST File #0393.15 – JP-4 Fuel Line from UST #203.*
- On November 15, 2004, CH2M HILL, on behalf of Honeywell, submitted to ADEQ's UST Corrective Action Section, responses to ADEQ's September 30, 2004 comments on Honeywell's July 30, 2004 *Revised Corrective Action Plan.* The corresponding replacement pages of the revised text, tables, and figures of the Revised CAP were also submitted.
- On July 30, 2004, CH2M HILL, on behalf of Honeywell, submitted the *Revised Corrective Action Plan* to ADEQ's UST Corrective Action Section. The revised CAP supersedes and replaces the original July 18, 2003, CAP.
- On May 27, 2004, Honeywell submitted a three-ring binder to ADEQ's UST Corrective Action Section titled *Supporting Material, UST Informal Settlement Conference, May 28, 2004*.
- On May 7, 2003, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, a technical memorandum titled "Summary of Results from the Bioventing/SVE Pilot Study February 24 through March 1, 2003."
- On May 1, 2003, Honeywell submitted to ADEQ's UST Corrective Action Section, the *Free-product Report, Honeywell International Inc., 34th Street Facility, Phoenix, Arizona, Facility ID# 0-002227, LUST File Nos. 0393.02 -.10*.
- On December 18, 2002, Honeywell submitted to ADEQ's UST Corrective Action Section, *Supplemental Site Characterization Information for the Honeywell International Inc., 34th Street Facility, Phoenix, Arizona, Facility ID# 0-002227, LUST File Nos. 0393.02 -.10*.

- On August 23, 2002, CH2M HILL, on behalf of Honeywell, submitted the *Site Characterization Report* to ADEQ's UST Corrective Action Section.

The following are deliverables planned for submittal:

- Honeywell is in the process of finalizing the *Evaluation of Well Dilution Effects, Honeywell 34th Street Facility and Phoenix Sky Harbor International Airport, Phoenix, Arizona* technical memorandum and will submit to ADEQ in the second quarter 2007.
- Honeywell is in the process of finalizing the Soil Vapor Monitoring Plan for soil-vapor monitoring to be implemented prior to the construction and startup of the BSVE system and will submit to ADEQ in the third quarter 2007.
- Honeywell is in the process of completing the design of the BSVE system on the Honeywell facility in order to submit to the City of Phoenix for review by the Development Services Department (DSD) and Tenant Improvement (TI) group. Honeywell is coordinating with DSD/TI staff regarding the contents of the design package and anticipates submittal of this package in the second quarter 2007. Once DSD/TI comments have been incorporated, the design will be finalized and submitted to contractors for bidding. ADEQ will be provided with a copy of the DSD/TI submittal design package in the second quarter 2007 and the final design package during the third quarter 2007.
- *Second Quarter Status Report for 2007, Honeywell 34th Street Facility, Facility ID No. 0-002227, LUST File Nos. 0393.02-.10, .15-.17.* This report is currently scheduled for submittal to ADEQ on August 29, 2007.

SECTION 7.0

7.0 References

Arizona Department of Environmental Quality (ADEQ). 2002. *Release Reporting and Corrective Action Guidance*. Revision 0. State of Arizona Department of Environmental Quality Underground Storage Tank Program. August 20.

_____. 2005a. Letter from Mr. Mark W. Lucas and Mr. Joseph Karl Drosendahl to Ms. Troy Meyer, Honeywell. "Corrective Action Plan Final Approval, LUST File No. #0393.02-.10, .15, Facility ID #0-002227; Honeywell, 111 South 34th Street, Phoenix, Arizona." October 7.

_____. 2005b. Letter from Mr. Mark W. Lucas and Mr. Joseph Karl Drosendahl to Ms. Troy Meyer, Honeywell. "Corrective Action Plan Modification Approval, LUST File #0393.02-.10, .15, Facility ID #0-002227; Honeywell, 111 South 34th Street, Phoenix, Arizona." December 20.

_____. 2006a. Letter from Mr. Mark W. Lucas and Mr. Joseph Karl Drosendahl to Ms. Troy Meyer, Honeywell. "Corrective Action Plan Modification Approval, LUST File No. #0393.02-.10, .15, Facility ID #0-002227; Honeywell, 111 South 34th Street, Phoenix, Arizona." March 7.

_____. 2006b. Letter from Mr. Mark W. Lucas and Mr. Michael J. Traubert to Ms. Troy Meyer, Honeywell. "Corrective Action Plan Modification Approval, LUST File No. #0393.02-.10, .15, Facility ID #0-002227; Honeywell, 111 South 34th Street, Phoenix, Arizona." September 28.

_____. 2007. Letter from Mr. Mark W. Lucas and Mr. Henry R. Darwin to Ms. Troy Kennedy, Honeywell. "Corrective Action Plan Modification Approval, LUST File No. #0393.02-.10, .15-.17, Facility ID #0-002227; Honeywell, 111 South 34th Street, Phoenix, Arizona." March 27.

CH2M HILL. 2004a. *Revised Corrective Action Plan, Honeywell 34th Street Facility, Phoenix, Arizona. ADEQ Facility No 0-002227, LUST File Nos. 0393.02 through 0393.10.* July.

_____. 2004b. Letter from Thomas J. Mooney, CH2M HILL, on behalf of Honeywell, to Mr. Mark Lucas, ADEQ. "Response to ADEQ comments dated September 30, 2004 on Honeywell's Revised Corrective Action Plan, dated July 30, 2004, Honeywell 34th Street Facility, Phoenix, Arizona." November 15.

_____. 2005a. *LUST Field Sampling Plan – Groundwater Sampling, Free-product Monitoring and Recovery Plan, Honeywell 34th Street Facility, Facility ID No. 0-002227, LUST File No. 0393.02-.10, .15*. December 8.

_____. 2005b. *Site Characterization Report Update—October 2005.* November 2.

_____. 2006a. *First Quarter Status Report for 2006, Honeywell 34th Street Facility, Facility ID No. 0-002227, LUST File Nos. 0393.02-.10, .15.* April 14.

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Maricopa County Environmental Services Department, Air Pollution Control. 1998. *Guidelines for Remediation of Contaminated Soil*. May 18.

United States Environmental Protection Agency. 1999. *1997 Urban Air Toxics Monitoring Program (UATMP).* EPA-454/R-99-036. January.

Tables

TABLE 2-1
Summary of Free-product Thickness Measurements, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Well	Free-product Thickness (feet)					
	01/10	01/23	02/06	02/21	03/06	03/21
ASE-19A	0[a]	NM	0[b]	NM	0.02	NM
ASE-20A	0[a]	NM	0[b]	NM	0	NM
ASE-37A	0	NM	0	NM	0	NM
ASE-38A	0	NM	0	NM	0	NM
ASE-39A	0	NM	0	NM	0	NM
ASE-41A	0[a]	NM	0[b]	NM	0	NM
ASE-51A	0.01[a]	NM	0.02[b]	NM	0.01	NM
ASE-52A	0[a]	NM	0[b]	NM	0	NM
ASE-53A	0[a]	NM	0[b]	NM	0	NM
ASE-55A	0[a]	NM	0[b]	NM	0	NM
ASE-56A	0	NM	0	NM	0	NM
ASE-57A	0	NM	0	NM	0	NM
ASE-63A	0	NM	0	NM	0	NM
ASE-64A	0	NM	0	NM	0	NM
ASE-68A	0.01[a]	NM	0[b]	NM	0	NM
ASE-89A	0.09	NM	0.11	NM	0.09	NM[c]
ASE-90A	0.01	NM	0.01	NM	0	NM
ASE-91A	0.03[a]	NM	0.02[b]	NM	0.04	NM
ASE-92A	0.01[a]	NM	0.02[b]	NM	0	NM
ASE-96A	0	NM	0	NM	0	NM
ASE-102A	0.07	NM	0.09	NM	0.09	NM
ASE-107A	0.59	0.32	0.29	0.67	0.44	NM[c]
ASE-111A	0.03	NM	0.01	NM	0.14	0.15
ASE-113A	0	NM	0	NM	0	NM
ASE-114A	0	NM	0	NM	0	NM
ASE-115A	0.03	NM	0.03	NM	0.03	NM
PL-101A	0	NM	0	NM	0	NM
PL-105A	0	NM	0[b]	NM	0	NM
PL-2101	0	NM	0	NM	0	NM

Notes:

This table includes all monitoring wells that have historically had measurable free product, except monitoring well ASE-67A. Free-product thickness measurements for monitoring well ASE-67A are presented in Table 2-2.

Monitoring wells with a free-product thickness less than 0.1 foot are measured monthly. Monitoring wells with a free-product thickness greater than 0.1 foot are measured biweekly.

NM — Free product thickness not measured.

[a] Measurement collected on January 11, 2007.

[b] Measurement collected on February 8, 2007.

[c] Not measured due to concurrence with semiannual groundwater quality sampling event.

TABLE 2-2
Summary of Free-product Thickness Measurements for Monitoring Well ASE-67A, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Date	Free-product Thickness (feet)
01/02/07	0.07
01/11/07	0.15
01/18/07	0.11
01/31/07	0.17
02/08/07	0.17
02/16/07	0.15
03/05/07	0.17
03/14/07	0.33
03/21/07	0.14
03/29/07	0.19

TABLE 2-3
Comparison between December 2006 and March 2007 Water Level Elevations
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Groundwater Elevation 12/06/06 (ft amsl)	Groundwater Elevation 03/06/07 (ft amsl)	Difference (feet)
ASE-19A	1054.52	1054.20	-0.32
ASE-20A	1052.97	1052.68	-0.29
ASE-37A	1057.76	1057.12	-0.64
ASE-38A	1058.14	1057.46	-0.68
ASE-39A	1057.39	1056.81	-0.58
ASE-41A	1051.95	1051.70	-0.25
ASE-46A	1050.62	1050.48	-0.14
ASE-51A	1055.49	1055.10	-0.39
ASE-52A	1057.52	1056.99	-0.53
ASE-53A	1058.08	1057.46	-0.62
ASE-54A	1052.50	1052.36	-0.14
ASE-55A	1048.30	1047.59	-0.71
ASE-56A	1051.76	1051.63	-0.13
ASE-57A	1053.16	1052.93	-0.23
ASE-58A	1050.71	1050.57	-0.14
ASE-59A	1057.94	1057.48	-0.46
ASE-60A	1058.92	1058.32	-0.60
ASE-61A	1059.41	1058.74	-0.67
ASE-62A	1048.42	1048.28	-0.14
ASE-63A	1056.16	1055.61	-0.55
ASE-64A	1050.87	1050.65	-0.22
ASE-65A	1036.13	1036.46	0.33
ASE-66A	1053.69	1053.46	-0.23
ASE-67A*	1057.58	1057.00	-0.58
ASE-68A	1053.26	1052.99	-0.27
ASE-89A	1049.39	1049.26	-0.13
ASE-90A	1047.95	1047.90	-0.05
ASE-91A	1049.29	1049.03	-0.26
ASE-92A	1049.76	1049.53	-0.23
ASE-95A	1037.52	1037.91	0.39
ASE-96A	1046.88	1046.95	0.07
ASE-97A	1037.58	1037.93	0.35
ASE-98A	1041.40	1041.85	0.45
ASE-99A	1043.24	1043.67	0.43
ASE-100A	1038.29	1038.75	0.46
ASE-101A	1041.62	1041.97	0.35
ASE-102A	1045.17	1045.40	0.23
ASE-103A	1036.46	1036.95	0.49
ASE-105A	1049.61	1049.46	-0.15

TABLE 2-3
Comparison between December 2006 and March 2007 Water Level Elevations
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Groundwater Elevation 12/06/06 (ft amsl)	Groundwater Elevation 03/06/07 (ft amsl)	Difference (feet)
ASE-106A	1046.71	1046.82	0.11
ASE-107A	1048.09	1048.09	0.00
ASE-108A	1048.20	1048.03	-0.17
ASE-109A	1049.14	1049.20	0.06
ASE-110A	1047.26	1047.48	0.22
ASE-111A	1058.29	1057.66	-0.63
ASE-112A	1049.72	1049.57	-0.15
ASE-113A	1049.53	1049.52	-0.01
ASE-114A	1048.68	1048.73	0.05
ASE-115A	1058.39	1057.73	-0.66
ASE-116A	1058.09	1057.50	-0.59
ASE-122A	1050.42	1050.36	-0.06
ASE-123A	1050.69	1050.64	-0.05
ASE-124A	1037.95	1038.36	0.41
ASE-125A	1033.95	1034.46	0.51
ASE-126A	1035.97	1036.37	0.40
ASE-127A	1055.93	1055.17	-0.76
ASE-128A	1041.52	1041.97	0.45
BC-7A	1056.54	1055.76	-0.78
BC-8B	1047.64	1047.59	-0.05
PL-101A	1058.16	1057.54	-0.62
PL-105A	1048.49	1048.29	-0.20
PL-201A	1049.71	1049.58	-0.13
PL-2101	1052.86	1052.74	-0.12
PL-2102	1052.69	1052.58	-0.11

Notes:

Difference column calculated by subtracting December 2006 water level elevations from March 2007 water level elevations. Positive results indicate higher water level elevations in March (rising water table) and negative results indicate lower water level elevations in March (declining water table).

*Water levels in monitoring well ASE-67A were measured on December 4, 2006 and March 5, 2007.

ft amsl-Feet above mean sea level.

TABLE 2-4
Non-fuel Volatile Organic Compound List
Honeywell 34th Street Facility, Phoenix, Arizona

Soil Vapor	Groundwater	Soil
1,1,1-Trichloroethane	1,1,1,2-Tetrachloroethane	1,1,1,2-Tetrachloroethane
1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,1-Trichloroethane
1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane
1,1,2-Trichlorotrifluoroethane	1,1,2-Trichloroethane	1,1,2-Trichloroethane
1,1-Dichloroethane	1,1,2-Trichlorotrifluoroethane	1,1,2-Trichlorotrifluoroethane
1,1-Dichloroethene	1,1-Dichloroethane	1,1-Dichloroethane
1,2-Dichlorobenzene	1,1-Dichloroethene	1,1-Dichloroethene
1,2-Dichloropropane	1,1-Dichloropropene	1,1-Dichloropropene
1,2-Dichlorotetrafluoroethane	1,2,3-Trichloropropane	1,2,3-Trichloropropane
1,3-Butadiene	1,2-Dibromo-3-Chloropropane	1,2-Dibromo-3-Chloropropane
1,3-Dichlorobenzene	1,2-Dichlorobenzene	1,2-Dichlorobenzene
1,4-Dichlorobenzene	1,2-Dichloropropane	1,2-Dichloropropane
2-Butanone	1,3-Dichlorobenzene	1,3-Dichlorobenzene
2-Hexanone	1,3-Dichloropropane	1,3-Dichloropropane
4-Methyl-2-Pentanone	1,4-Dichlorobenzene	1,4-Dichlorobenzene
Acetone	2,2-Dichloropropane	2,2-Dichloropropane
Allyl Chloride	2-Butanone	2-Butanone
Bromodichloromethane	2-Hexanone	2-Chloroethyl Vinyl Ether
Bromoethene	4-Methyl-2-Pentanone	2-Hexanone
Bromoform	Acetone	4-Methyl-2-Pentanone
Bromomethane	Bromochloromethane	Acetone
Carbon Disulfide	Bromodichloromethane	Bromochloromethane
Carbon Tetrachloride	Bromoform	Bromodichloromethane
Chlorobenzene	Bromomethane	Bromoform
Chlorodibromomethane	Carbon Disulfide	Bromomethane
Chloroethane	Carbon Tetrachloride	Carbon Disulfide
Chloroform	Chlorobenzene	Carbon Tetrachloride
Chloromethane	Chlorodibromomethane	Chlorobenzene
cis-1,2-Dichloroethene	Chloroethane	Chlorodibromomethane
cis-1,3-Dichloropropene	Chloroform	Chloroethane
Cyclohexane	Chloromethane	Chloroform
Dichlorodifluoromethane	cis-1,2-Dichloroethene	Chloromethane
Ethyl Acetate	cis-1,3-Dichloropropene	cis-1,2-Dichloroethene
Hexachlorobutadiene	Dibromomethane	cis-1,3-Dichloropropene

TABLE 2-4
Non-fuel Volatile Organic Compound List
Honeywell 34th Street Facility, Phoenix, Arizona

Soil Vapor	Groundwater	Soil
Isopropanol	Dichlorodifluoromethane	Dibromomethane
Methylene Chloride	Hexachlorobutadiene	Dichlorodifluoromethane
Propylene	Iodomethane	Hexachlorobutadiene
Tetrachloroethene	Methylene Chloride	Iodomethane
Tetrahydrofuran	Styrene	Methylene Chloride
trans-1,2-Dichloroethene	Tetrachloroethene	Styrene
trans-1,3-Dichloropropene	trans-1,2-Dichloroethene	Tetrachloroethene
Trichloroethene	trans-1,3-Dichloropropene	trans-1,2-Dichloroethene
Trichlorofluoromethane	Trichloroethene	trans-1,3-Dichloropropene
Vinyl Acetate	Trichlorofluoromethane	Trichloroethene
Vinyl Chloride	Vinyl Acetate	Trichlorofluoromethane
	Vinyl Chloride	Vinyl Acetate
		Vinyl Chloride

TABLE 3-1
Summary of Free-product Recovery
Honeywell 34th Street Facility, Phoenix, Arizona

Well	Gallons Recovered during First Quarter 2007	Total Gallons Recovered via Skimming through First Quarter 2007
ASE-19A	0	49.5
ASE-20A	0	4103.8
ASE-37A	0	1.8
ASE-38A	0	46.9
ASE-39A	0	0.7
ASE-41A	0	27.3
ASE-51A	0	105
ASE-52A	0	19.5
ASE-53A	0	481.1
ASE-55A	0	3.1
ASE-56A	0	663
ASE-57A	0	685.2
ASE-63A	0	0
ASE-64A	0	31.6
ASE-67A	19.0	314.5
ASE-68A	0	74.7
ASE-89A	0	139.1
ASE-90A	0	6.7
ASE-91A	0	0
ASE-92A	0	0
ASE-96A	0	1
ASE-102A	0	146.5
ASE-107A	1.7	6.9
ASE-111A	0.1	4.2
ASE-113A	0	0
ASE-114A	0	0
ASE-115A	0	0.2
PL-101A	0	291
PL-105A	0	5.5
PL-2101	0	0.02
Total	**20.8**	**7208.82**

Notes:

This table includes all wells that have historically had measurable free product.

Rounding may affect totals shown in far right column and totals at bottom of table.

TABLE 3-2
Honeywell Facility and Phoenix Sky Harbor International Airport Subsurface Utility Vaults Field Parameter Results, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Date	Time	LEL-WO (% V/V)	Methane-WO (% V/V)	Carbon Dioxide-WO (% V/V)	Oxygen-WO (% V/V)
ELE-VLT-01	03/14/07	11:10	0.00	0.00	0.0	20.7
ELE-VLT-02	03/14/07	11:12	0.00	0.00	0.0	20.8
ELE-VLT-03	03/14/07	11:16	0.00	0.00	0.0	20.6
ELE-VLT-04	03/14/07	11:18	0.00	0.00	0.0	20.9
ELE-VLT-05	03/14/07	11:21	0.00	0.00	0.0	20.8
ELE-VLT-06	03/14/07	11:23	0.00	0.00	0.0	20.8
ELE-VLT-07	03/14/07	11:30	0.00	0.00	0.0	20.9
ELE-VLT-08	03/14/07	11:32	0.00	0.00	0.0	20.9
ELE-VLT-09	03/14/07	11:33	0.00	0.00	0.0	20.9
ELE-VLT-10	03/14/07	11:36	0.00	0.00	0.0	20.8
FBO-VLT-01	03/14/07	11:13	0.00	0.00	0.0	20.6
FBO-VLT-02	03/14/07	11:15	0.00	0.00	0.0	20.6
FBO-VLT-03	03/14/07	11:35	0.00	0.00	0.0	20.8
VLT-1093	03/14/07	12:28	0.00	0.00	1.2	16.5
VLT-1094	03/14/07	12:29	0.00	0.00	0.0	19.8
VLT-1095	03/14/07	12:27	0.00	0.00	0.1	19.8
VLT-1100	03/14/07	12:26	0.00	0.00	0.0	21.0
VLT-1115	03/14/07	12:24	0.00	0.00	0.0	20.9
VLT-1134	03/14/07	12:23	0.00	0.00	0.0	20.8
VLT-1135	03/14/07	12:22	0.00	0.00	0.0	20.8
VLT-1141	03/14/07	12:27	0.00	0.00	0.0	20.9
VLT-1142	03/14/07	12:26	0.00	0.00	0.0	20.6
VLT-1143	03/14/07	12:25	0.00	0.00	0.0	20.9
VLT-1144	03/14/07	12:24	0.00	0.00	0.0	20.9
VLT-1149	03/14/07	12:21	0.00	0.00	0.0	20.4
VLT-1150	03/14/07	12:20	0.00	0.00	0.0	20.6
VLT-1153	03/14/07	12:18	0.00	0.00	0.0	20.4
VLT-1154	03/14/07	12:17	0.00	0.00	0.0	20.4
VLT-1155	03/14/07	12:16	0.00	0.00	0.0	20.4
VLT-1156	03/14/07	12:15	0.00	0.00	0.0	20.1
VLT-1164	03/14/07	12:11	0.00	0.00	0.7	18.8
VLT-1165	03/14/07	12:12	0.00	0.00	0.0	20.2
VLT-1269	03/14/07	12:05	0.00	0.00	0.0	20.8
VLT-1270	03/14/07	12:06	0.00	0.00	0.0	20.5
VLT-2007	03/14/07	10:21	0.00	0.00	0.0	20.8
VLT-2008	03/14/07	10:22	0.00	0.00	0.0	20.8
VLT-2012	03/14/07	10:25	0.00	0.00	0.0	20.8
VLT-2013	03/14/07	10:24	0.00	0.00	0.0	20.9

TABLE 3-2
Honeywell Facility and Phoenix Sky Harbor International Airport Subsurface Utility Vaults Field Parameter Results, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Date	Time	LEL-WO (% V/V)	Methane-WO (% V/V)	Carbon Dioxide-WO (% V/V)	Oxygen-WO (% V/V)
VLT-2032	03/14/07	10:19	0.00	0.00	0.0	20.8
VLT-2046	03/14/07	10:04	0.00	0.00	0.1	20.3
VLT-2126	03/14/07	10:06	0.00	0.00	0.0	20.7
VLT-2127	03/14/07	10:05	0.00	0.00	0.0	20.6
VLT-2145	03/14/07	10:07	0.00	0.00	0.0	20.7
VLT-2178	03/14/07	10:20	0.00	0.00	0.0	20.8
VLT-3007A	03/14/07	10:09	0.00	0.00	0.0	20.6
VLT-3007B	03/14/07	10:10	0.00	0.00	0.0	20.6
VLT-3008A	03/14/07	10:12	0.00	0.00	0.1	20.4
VLT-3008B	03/14/07	10:11	0.00	0.00	0.1	20.4
VLT-3009	03/14/07	10:13	0.00	0.00	0.0	20.5
VLT-3010A	03/14/07	10:14	0.00	0.00	0.0	20.5
VLT-3010B	03/14/07	10:15	0.00	0.00	0.0	20.5
VLT-3023	03/14/07	10:16	0.00	0.00	0.0	20.7
VLT-3053	03/14/07	10:08	0.00	0.00	0.0	20.8
VLT-551-S-1	03/14/07	10:17	0.00	0.00	0.0	20.7
VLT-B102-N-1	03/14/07	12:10	0.00	0.00	0.3	19.0
VLT-B102-N-2	03/14/07	12:37	0.00	0.00	0.0	20.8
VLT-B102-N-3	03/14/07	12:36	0.00	0.00	0.1	20.5
VLT-B102-N-4	03/14/07	12:35	0.00	0.00	0.3	19.8
VLT-B102-W-1	03/14/07	12:30	0.00	0.00	0.0	20.2
VLT-B102-W-2	03/14/07	12:31	0.00	0.00	0.4	17.8

Notes:

-WO = measurement taken without a carbon filter.

% V/V = percent volume per volume.

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
Ambient-01	Ambient-01_011607	01/16/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00053	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15	2-BUTANONE	0.00089	ug/L	
Ambient-01	Ambient-01_011607	01/16/07	TO-15	2-HEXANONE	0.000071	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15	4-METHYL-2-PENTANONE	0.000088	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15	ACROLEIN	0.0003	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15	BENZENE	0.00052	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15	CARBON TETRACHLORIDE	0.00041	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15	CHLOROMETHANE	0.0006	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15	DICHLORODIFLUOROMETHANE	0.0021	ug/L	
Ambient-01	Ambient-01_011607	01/16/07	TO-15	ETHYLBENZENE	0.00015	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15	METHYLENE CHLORIDE	0.0002	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15	NAPHTHALENE	0.00062	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15	O-XYLENE	0.00015	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15	STYRENE	0.000078	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15	TETRACHLOROETHENE	0.00015	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15	TOLUENE	0.001	ug/L	
Ambient-01	Ambient-01_011607	01/16/07	TO-15	TRICHLOROFLUOROMETHANE	0.001	ug/L	
Ambient-01	Ambient-01_011607	01/16/07	TO-15	XYLENES, M & P	0.0005	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15 SIM	1,2-DIBROMOETHANE	0.000021	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000053	ug/L	
Ambient-01	Ambient-01_011607	01/16/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000017	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000029	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15 SIM	BENZENE	0.00049	ug/L	
Ambient-01	Ambient-01_011607	01/16/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00036	ug/L	
Ambient-01	Ambient-01_011607	01/16/07	TO-15 SIM	CHLOROFORM	0.00007	ug/L	J
Ambient-01	Ambient-01_011607	01/16/07	TO-15 SIM	TETRACHLOROETHENE	0.00015	ug/L	
Ambient-01	Ambient-01_011607	01/16/07	TO-15 SIM	TRICHLOROETHENE	0.000064	ug/L	
Ambient-01	Ambient-01_011607	01/16/07	TO-15 SIM	VINYL CHLORIDE	0.00001	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00053	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15	2-BUTANONE	0.0016	ug/L	
Ambient-02	Ambient-02_011607	01/16/07	TO-15	2-HEXANONE	0.00015	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15	ACETONE	0.0064	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15	ACROLEIN	0.00066	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15	BENZENE	0.00058	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15	CARBON TETRACHLORIDE	0.00044	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15	CHLOROMETHANE	0.00062	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15	DICHLORODIFLUOROMETHANE	0.0021	ug/L	
Ambient-02	Ambient-02_011607	01/16/07	TO-15	ETHYLBENZENE	0.00022	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15	METHYLENE CHLORIDE	0.00016	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15	N-PROPYLBENZENE	0.000072	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15	O-XYLENE	0.0003	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15	STYRENE	0.000072	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15	TOLUENE	0.00059	ug/L	J

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
Ambient-02	Ambient-02_011607	01/16/07	TO-15	TRICHLOROFLUOROMETHANE	0.001	ug/L	
Ambient-02	Ambient-02_011607	01/16/07	TO-15	XYLENES, M & P	0.00088	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15 SIM	1,2-DIBROMOETHANE	0.000013	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000045	ug/L	
Ambient-02	Ambient-02_011607	01/16/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000016	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000023	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15 SIM	BENZENE	0.00052	ug/L	
Ambient-02	Ambient-02_011607	01/16/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00037	ug/L	
Ambient-02	Ambient-02_011607	01/16/07	TO-15 SIM	CHLOROFORM	0.00008	ug/L	J
Ambient-02	Ambient-02_011607	01/16/07	TO-15 SIM	TETRACHLOROETHENE	0.000079	ug/L	
Ambient-02	Ambient-02_011607	01/16/07	TO-15 SIM	TRICHLOROETHENE	0.00038	ug/L	
Ambient-02	Ambient-02_011607	01/16/07	TO-15 SIM	VINYL CHLORIDE	0.000006	ug/L	J
Ambient-03	Ambient-03_011607	01/16/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00053	ug/L	J
Ambient-03	Ambient-03_011607	01/16/07	TO-15	2-BUTANONE	0.0016	ug/L	
Ambient-03	Ambient-03_011607	01/16/07	TO-15	2-HEXANONE	0.00018	ug/L	J
Ambient-03	Ambient-03_011607	01/16/07	TO-15	ACETONE	0.0075	ug/L	
Ambient-03	Ambient-03_011607	01/16/07	TO-15	ACROLEIN	0.00079	ug/L	
Ambient-03	Ambient-03_011607	01/16/07	TO-15	BENZENE	0.0005	ug/L	J
Ambient-03	Ambient-03_011607	01/16/07	TO-15	CARBON TETRACHLORIDE	0.00043	ug/L	J
Ambient-03	Ambient-03_011607	01/16/07	TO-15	CHLOROMETHANE	0.00065	ug/L	J
Ambient-03	Ambient-03_011607	01/16/07	TO-15	DICHLORODIFLUOROMETHANE	0.0021	ug/L	
Ambient-03	Ambient-03_011607	01/16/07	TO-15	ETHYLBENZENE	0.00011	ug/L	J
Ambient-03	Ambient-03_011607	01/16/07	TO-15	METHYLENE CHLORIDE	0.00016	ug/L	J
Ambient-03	Ambient-03_011607	01/16/07	TO-15	O-XYLENE	0.0001	ug/L	J
Ambient-03	Ambient-03_011607	01/16/07	TO-15	TOLUENE	0.00042	ug/L	J
Ambient-03	Ambient-03_011607	01/16/07	TO-15	TRICHLOROFLUOROMETHANE	0.0011	ug/L	
Ambient-03	Ambient-03_011607	01/16/07	TO-15	XYLENES, M & P	0.00041	ug/L	J
Ambient-03	Ambient-03_011607	01/16/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000039	ug/L	
Ambient-03	Ambient-03_011607	01/16/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000014	ug/L	J
Ambient-03	Ambient-03_011607	01/16/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000013	ug/L	J
Ambient-03	Ambient-03_011607	01/16/07	TO-15 SIM	BENZENE	0.00045	ug/L	
Ambient-03	Ambient-03_011607	01/16/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00038	ug/L	
Ambient-03	Ambient-03_011607	01/16/07	TO-15 SIM	CHLOROFORM	0.000069	ug/L	J
Ambient-03	Ambient-03_011607	01/16/07	TO-15 SIM	TETRACHLOROETHENE	0.000062	ug/L	
Ambient-03	Ambient-03_011607	01/16/07	TO-15 SIM	TRICHLOROETHENE	0.000029	ug/L	
Ambient-04	Ambient-04_011607	01/16/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00053	ug/L	J
Ambient-04	Ambient-04_011607	01/16/07	TO-15	2-BUTANONE	0.001	ug/L	
Ambient-04	Ambient-04_011607	01/16/07	TO-15	2-HEXANONE	0.00008	ug/L	J
Ambient-04	Ambient-04_011607	01/16/07	TO-15	ACROLEIN	0.0003	ug/L	J
Ambient-04	Ambient-04_011607	01/16/07	TO-15	BENZENE	0.00054	ug/L	J
Ambient-04	Ambient-04_011607	01/16/07	TO-15	CARBON TETRACHLORIDE	0.00043	ug/L	J
Ambient-04	Ambient-04_011607	01/16/07	TO-15	CHLOROMETHANE	0.00064	ug/L	J
Ambient-04	Ambient-04_011607	01/16/07	TO-15	DICHLORODIFLUOROMETHANE	0.0021	ug/L	

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
Ambient-04	Ambient-04_011607	01/16/07	TO-15	ETHYLBENZENE	0.00012	ug/L	J
Ambient-04	Ambient-04_011607	01/16/07	TO-15	METHYLENE CHLORIDE	0.00017	ug/L	J
Ambient-04	Ambient-04_011607	01/16/07	TO-15	O-XYLENE	0.00013	ug/L	J
Ambient-04	Ambient-04_011607	01/16/07	TO-15	TOLUENE	0.00051	ug/L	J
Ambient-04	Ambient-04_011607	01/16/07	TO-15	TRICHLOROFLUOROMETHANE	0.001	ug/L	
Ambient-04	Ambient-04_011607	01/16/07	TO-15	XYLENES, M & P	0.00044	ug/L	J
Ambient-04	Ambient-04_011607	01/16/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000035	ug/L	J
Ambient-04	Ambient-04_011607	01/16/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000013	ug/L	J
Ambient-04	Ambient-04_011607	01/16/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000011	ug/L	J
Ambient-04	Ambient-04_011607	01/16/07	TO-15 SIM	BENZENE	0.0005	ug/L	
Ambient-04	Ambient-04_011607	01/16/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00039	ug/L	
Ambient-04	Ambient-04_011607	01/16/07	TO-15 SIM	CHLOROFORM	0.000067	ug/L	J
Ambient-04	Ambient-04_011607	01/16/07	TO-15 SIM	TETRACHLOROETHENE	0.000056	ug/L	
Ambient-04	Ambient-04_011607	01/16/07	TO-15 SIM	TRICHLOROETHENE	0.000033	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15	1,1,1-TRICHLOROETHANE	0.000082	ug/L	J
Ambient-05	Ambient-05_012307	01/23/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00058	ug/L	J
Ambient-05	Ambient-05_012307	01/23/07	TO-15	1,2,4-TRIMETHYLBENZENE	0.0023	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15	1,3,5-TRIMETHYLBENZENE	0.00068	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15	1,4-DICHLOROBENZENE	0.00032	ug/L	J
Ambient-05	Ambient-05_012307	01/23/07	TO-15	2-BUTANONE	0.0028	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15	4-METHYL-2-PENTANONE	0.00023	ug/L	J
Ambient-05	Ambient-05_012307	01/23/07	TO-15	ACETONE	0.027	ug/L	J
Ambient-05	Ambient-05_012307	01/23/07	TO-15	ACROLEIN	0.0012	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15	BENZENE	0.0046	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15	CARBON TETRACHLORIDE	0.00039	ug/L	J
Ambient-05	Ambient-05_012307	01/23/07	TO-15	CHLOROFORM	0.00034	ug/L	J
Ambient-05	Ambient-05_012307	01/23/07	TO-15	CHLOROMETHANE	0.00083	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15	DICHLORODIFLUOROMETHANE	0.0024	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15	ETHYLBENZENE	0.0021	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15	ISOPROPYLBENZENE	0.00017	ug/L	J
Ambient-05	Ambient-05_012307	01/23/07	TO-15	METHYLENE CHLORIDE	0.0009	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15	NAPHTHALENE	0.00038	ug/L	J
Ambient-05	Ambient-05_012307	01/23/07	TO-15	N-PROPYLBENZENE	0.00047	ug/L	J
Ambient-05	Ambient-05_012307	01/23/07	TO-15	O-XYLENE	0.0026	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15	P-ISOPROPYLTOLUENE	0.00022	ug/L	J
Ambient-05	Ambient-05_012307	01/23/07	TO-15	STYRENE	0.0006	ug/L	J
Ambient-05	Ambient-05_012307	01/23/07	TO-15	TETRACHLOROETHENE	0.00089	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15	TOLUENE	0.011	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15	TRICHLOROETHENE	0.0019	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15	TRICHLOROFLUOROMETHANE	0.0012	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15	XYLENES, M & P	0.0075	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000046	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000014	ug/L	J

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
Ambient-05	Ambient-05_012307	01/23/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.00028	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15 SIM	BENZENE	0.0036	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00032	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15 SIM	CHLOROFORM	0.00028	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15 SIM	TETRACHLOROETHENE	0.00081	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15 SIM	TRICHLOROETHENE	0.0017	ug/L	
Ambient-05	Ambient-05_012307	01/23/07	TO-15 SIM	VINYL CHLORIDE	3.4E-06	ug/L	J
Ambient-06	Ambient-06_012307	01/23/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00052	ug/L	J
Ambient-06	Ambient-06_012307	01/23/07	TO-15	1,2,4-TRIMETHYLBENZENE	0.00076	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15	2-BUTANONE	0.0017	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15	2-HEXANONE	0.00024	ug/L	J
Ambient-06	Ambient-06_012307	01/23/07	TO-15	4-METHYL-2-PENTANONE	0.00016	ug/L	J
Ambient-06	Ambient-06_012307	01/23/07	TO-15	ACETONE	0.017	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15	ACROLEIN	0.00073	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15	BENZENE	0.0015	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15	CARBON TETRACHLORIDE	0.00038	ug/L	J
Ambient-06	Ambient-06_012307	01/23/07	TO-15	CHLOROFORM	0.00011	ug/L	J
Ambient-06	Ambient-06_012307	01/23/07	TO-15	CHLOROMETHANE	0.00075	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15	DICHLORODIFLUOROMETHANE	0.0026	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15	ETHYLBENZENE	0.00087	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15	ISOPROPYLBENZENE	0.000073	ug/L	J
Ambient-06	Ambient-06_012307	01/23/07	TO-15	METHYLENE CHLORIDE	0.00049	ug/L	J
Ambient-06	Ambient-06_012307	01/23/07	TO-15	N-PROPYLBENZENE	0.00019	ug/L	J
Ambient-06	Ambient-06_012307	01/23/07	TO-15	O-XYLENE	0.0012	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15	STYRENE	0.00019	ug/L	J
Ambient-06	Ambient-06_012307	01/23/07	TO-15	TETRACHLOROETHENE	0.00077	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15	TOLUENE	0.0054	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15	TRICHLOROFLUOROMETHANE	0.0011	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15	XYLENES, M & P	0.0033	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15 SIM	1,2-DIBROMOETHANE	4.5E-06	ug/L	J
Ambient-06	Ambient-06_012307	01/23/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000046	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000012	ug/L	J
Ambient-06	Ambient-06_012307	01/23/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000068	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15 SIM	BENZENE	0.0013	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00031	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15 SIM	CHLOROFORM	0.00014	ug/L	J
Ambient-06	Ambient-06_012307	01/23/07	TO-15 SIM	TETRACHLOROETHENE	0.00076	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15 SIM	TRICHLOROETHENE	0.000068	ug/L	
Ambient-06	Ambient-06_012307	01/23/07	TO-15 SIM	VINYL CHLORIDE	0.000003	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	1,1,1-TRICHLOROETHANE	0.00011	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	1,1,1-TRICHLOROETHANE	0.000079	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00064	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00054	ug/L	J

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	1,1-DICHLOROETHANE	0.00012	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	1,1-DICHLOROETHENE	0.000079	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	1,2,4-TRIMETHYLBENZENE	0.0032	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	1,2,4-TRIMETHYLBENZENE	0.0014	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	1,3,5-TRIMETHYLBENZENE	0.00038	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	1,3,5-TRIMETHYLBENZENE	0.0009	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	1,4-DICHLOROBENZENE	0.00034	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	1,4-DICHLOROBENZENE	0.00028	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	2-BUTANONE	0.0025	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	2-BUTANONE	0.0015	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	2-HEXANONE	0.00023	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	4-METHYL-2-PENTANONE	0.00023	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	4-METHYL-2-PENTANONE	0.0002	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	ACETONE	0.026	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	ACETONE	0.0086	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	ACROLEIN	0.0011	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	ACROLEIN	0.00051	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	BENZENE	0.0047	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	BENZENE	0.0029	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	CARBON TETRACHLORIDE	0.00039	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	CARBON TETRACHLORIDE	0.00039	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	CHLOROFORM	0.00032	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	CHLOROFORM	0.00032	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	CHLOROMETHANE	0.00082	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	CHLOROMETHANE	0.00076	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	DICHLORODIFLUOROMETHANE	0.0025	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	DICHLORODIFLUOROMETHANE	0.0025	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	ETHYLBENZENE	0.0014	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	ETHYLBENZENE	0.0022	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	ISOPROPYLBENZENE	0.00011	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	ISOPROPYLBENZENE	0.00022	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	METHYLENE CHLORIDE	0.0014	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	METHYLENE CHLORIDE	0.00096	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	NAPHTHALENE	0.00054	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	N-PROPYLBENZENE	0.00025	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	N-PROPYLBENZENE	0.00059	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	O-XYLENE	0.0028	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	O-XYLENE	0.0019	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	P-ISOPROPYLTOLUENE	0.00031	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	SEC-BUTYLBENZENE	0.00013	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	STYRENE	0.0012	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	STYRENE	0.00069	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	TETRACHLOROETHENE	0.00092	ug/L	

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	TETRACHLOROETHENE	0.0013	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	TOLUENE	0.011	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	TOLUENE	0.0084	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	TRICHLOROETHENE	0.0019	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	TRICHLOROETHENE	0.00056	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	TRICHLOROFLUOROMETHANE	0.0012	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	TRICHLOROFLUOROMETHANE	0.0013	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15	XYLENES, M & P	0.005	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15	XYLENES, M & P	0.008	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15 SIM	1,2-DICHLOROETHANE	0.00005	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000044	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000014	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000015	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.00029	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.00023	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15 SIM	BENZENE	0.0024	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15 SIM	BENZENE	0.0038	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00033	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00033	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15 SIM	CHLOROFORM	0.0003	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15 SIM	CHLOROFORM	0.00031	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15 SIM	TETRACHLOROETHENE	0.00088	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15 SIM	TETRACHLOROETHENE	0.0012	ug/L	
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15 SIM	TRICHLOROETHENE	0.0017	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15 SIM	TRICHLOROETHENE	0.00054	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_012307	01/23/07	TO-15 SIM	VINYL CHLORIDE	0.000011	ug/L	J
ELE-VLT-06	ELE-VLT-06-OP_012307	01/23/07	TO-15 SIM	VINYL CHLORIDE	4.6E-06	ug/L	J
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	1,1,1-TRICHLOROETHANE	0.000085	ug/L	J
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00056	ug/L	J
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	1,2,4-TRIMETHYLBENZENE	0.0019	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	1,3,5-TRIMETHYLBENZENE	0.00058	ug/L	J
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	1,4-DICHLOROBENZENE	0.00034	ug/L	J
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	2-BUTANONE	0.0022	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	4-METHYL-2-PENTANONE	0.00034	ug/L	J
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	ACETONE	0.02	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	ACROLEIN	0.00064	ug/L	J
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	BENZENE	0.0035	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	CARBON TETRACHLORIDE	0.00039	ug/L	J
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	CHLOROFORM	0.00028	ug/L	J
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	CHLOROMETHANE	0.00089	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	DICHLORODIFLUOROMETHANE	0.0024	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	ETHYLBENZENE	0.0019	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	ISOPROPYLBENZENE	0.00015	ug/L	J

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	METHYLENE CHLORIDE	0.0019	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	NAPHTHALENE	0.00033	ug/L	J
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	N-PROPYLBENZENE	0.00042	ug/L	J
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	O-XYLENE	0.0022	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	P-ISOPROPYLTOLUENE	0.00022	ug/L	J
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	STYRENE	0.00068	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	TETRACHLOROETHENE	0.0011	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	TOLUENE	0.01	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	TRICHLOROETHENE	0.00028	ug/L	J
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	TRICHLOROFLUOROMETHANE	0.0012	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15	XYLENES, M & P	0.0066	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000042	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000015	ug/L	J
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.00029	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15 SIM	BENZENE	0.0028	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00031	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15 SIM	CHLOROFORM	0.00026	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15 SIM	TETRACHLOROETHENE	0.0011	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15 SIM	TRICHLOROETHENE	0.00029	ug/L	
ELE-VLT-07	ELE-VLT-07-OP_012307	01/23/07	TO-15 SIM	VINYL CHLORIDE	5.8E-06	ug/L	J
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	1,1,1-TRICHLOROETHANE	0.000076	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	1,1,1-TRICHLOROETHANE	0.00009	ug/L	J
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00052	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00054	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	1,2,4-TRIMETHYLBENZENE	0.00095	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	1,2,4-TRIMETHYLBENZENE	0.001	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	1,3,5-TRIMETHYLBENZENE	0.00026	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	1,4-DICHLOROBENZENE	0.00022	ug/L	J
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	1,4-DICHLOROBENZENE	0.00015	ug/L	J
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	2-BUTANONE	0.0023	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	2-BUTANONE	0.0011	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	2-HEXANONE	0.00026	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	2-HEXANONE	0.00025	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	4-METHYL-2-PENTANONE	0.00013	ug/L	J
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	4-METHYL-2-PENTANONE	0.00012	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	ACETONE	0.0066	ug/L	J
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	ACETONE	0.012	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	ACROLEIN	0.0007	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	ACROLEIN	0.00074	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	BENZENE	0.0022	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	BENZENE	0.0031	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	CARBON TETRACHLORIDE	0.00039	ug/L	J
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	CARBON TETRACHLORIDE	0.0004	ug/L	J

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	CHLOROFORM	0.00017	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	CHLOROFORM	0.00027	ug/L	J
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	CHLOROMETHANE	0.00076	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	CHLOROMETHANE	0.00073	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	DICHLORODIFLUOROMETHANE	0.0022	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	DICHLORODIFLUOROMETHANE	0.0024	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	ETHYLBENZENE	0.0012	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	ETHYLBENZENE	0.0013	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	ISOPROPYLBENZENE	0.000083	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	ISOPROPYLBENZENE	0.00019	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	METHYLENE CHLORIDE	0.00092	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	METHYLENE CHLORIDE	0.0007	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	N-PROPYLBENZENE	0.0002	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	N-PROPYLBENZENE	0.00016	ug/L	J
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	O-XYLENE	0.0015	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	O-XYLENE	0.0017	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	STYRENE	0.00032	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	STYRENE	0.00058	ug/L	J
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	TETRACHLOROETHENE	0.0015	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	TETRACHLOROETHENE	0.0013	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	TOLUENE	0.0056	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	TOLUENE	0.0059	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	TRICHLOROETHENE	0.00055	ug/L	J
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	TRICHLOROETHENE	0.00026	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	TRICHLOROFLUOROMETHANE	0.0012	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	TRICHLOROFLUOROMETHANE	0.0011	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15	XYLENES, M & P	0.0038	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15	XYLENES, M & P	0.0042	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15 SIM	1,2-DIBROMOETHANE	2.1E-06	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000043	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000044	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000014	ug/L	J
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15 SIM	1,2-DICHLOROPROPANE	9.6E-06	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.00018	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.00012	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15 SIM	BENZENE	0.0025	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15 SIM	BENZENE	0.0018	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00034	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00032	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15 SIM	CHLOROFORM	0.00017	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15 SIM	CHLOROFORM	0.00025	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15 SIM	TETRACHLOROETHENE	0.0012	ug/L	
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15 SIM	TETRACHLOROETHENE	0.0014	ug/L	

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
ELE-VLT-12	ELE-VLT-12-OP_012307	01/23/07	TO-15 SIM	TRICHLOROETHENE	0.00024	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15 SIM	TRICHLOROETHENE	0.00051	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_012307	01/23/07	TO-15 SIM	VINYL CHLORIDE	5.9E-06	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00056	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15	2-BUTANONE	0.0017	ug/L	
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15	2-HEXANONE	0.00011	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15	ACETONE	0.0064	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15	ACROLEIN	0.00067	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15	BENZENE	0.00057	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15	CARBON TETRACHLORIDE	0.0004	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15	CHLOROMETHANE	0.0006	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15	DICHLORODIFLUOROMETHANE	0.0021	ug/L	
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15	ETHYLBENZENE	0.00013	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15	METHYLENE CHLORIDE	0.00019	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15	O-XYLENE	0.00013	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15	TOLUENE	0.00071	ug/L	
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15	TRICHLOROFLUOROMETHANE	0.001	ug/L	
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15	XYLENES, M & P	0.00038	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000032	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000013	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000014	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15 SIM	BENZENE	0.00053	ug/L	
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00037	ug/L	
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15 SIM	CHLOROFORM	0.000093	ug/L	J
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15 SIM	TETRACHLOROETHENE	0.000075	ug/L	
ELE-VLT-15	ELE-VLT-15-OP_011707	01/17/07	TO-15 SIM	TRICHLOROETHENE	0.000029	ug/L	
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00053	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.0018	ug/L	
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.0018	ug/L	
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	1,1-DICHLOROETHENE	0.000087	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	1,1-DICHLOROETHENE	0.000089	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	2-BUTANONE	0.0016	ug/L	
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	2-BUTANONE	0.0019	ug/L	
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15	2-BUTANONE	0.0018	ug/L	
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	2-HEXANONE	0.00014	ug/L	J
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15	2-HEXANONE	0.00011	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	2-HEXANONE	0.00019	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	4-METHYL-2-PENTANONE	0.00014	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	4-METHYL-2-PENTANONE	0.00018	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	ACETONE	0.0076	ug/L	
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	ACETONE	0.0074	ug/L	
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15	ACETONE	0.007	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	ACROLEIN	0.00068	ug/L	J

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15	ACROLEIN	0.00062	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	ACROLEIN	0.00073	ug/L	
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15	BENZENE	0.00054	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	BENZENE	0.00054	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	BENZENE	0.00052	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	CARBON TETRACHLORIDE	0.00042	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	CARBON TETRACHLORIDE	0.00041	ug/L	J
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15	CARBON TETRACHLORIDE	0.00042	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	CHLOROFORM	0.00012	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	CHLOROFORM	0.00011	ug/L	J
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15	CHLOROMETHANE	0.0006	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	CHLOROMETHANE	0.00053	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	CHLOROMETHANE	0.00051	ug/L	J
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15	DICHLORODIFLUOROMETHANE	0.0022	ug/L	
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	DICHLORODIFLUOROMETHANE	0.0024	ug/L	
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	DICHLORODIFLUOROMETHANE	0.0024	ug/L	
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15	ETHYLBENZENE	0.00012	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	ETHYLBENZENE	0.00014	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	ETHYLBENZENE	0.00014	ug/L	J
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15	METHYLENE CHLORIDE	0.0002	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	METHYLENE CHLORIDE	0.0002	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	METHYLENE CHLORIDE	0.0002	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	O-XYLENE	0.00018	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	O-XYLENE	0.00017	ug/L	J
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15	O-XYLENE	0.00012	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	STYRENE	0.000079	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	STYRENE	0.000087	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	TETRACHLOROETHENE	0.00029	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	TETRACHLOROETHENE	0.00028	ug/L	J
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15	TOLUENE	0.0007	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	TOLUENE	0.00068	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	TOLUENE	0.00062	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	TRICHLOROFLUOROMETHANE	0.0011	ug/L	
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	TRICHLOROFLUOROMETHANE	0.0011	ug/L	
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15	TRICHLOROFLUOROMETHANE	0.001	ug/L	
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15	XYLENES, M & P	0.00035	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15	XYLENES, M & P	0.00047	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15	XYLENES, M & P	0.00046	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000038	ug/L	
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000035	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000036	ug/L	
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000013	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000011	ug/L	J

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.00001	ug/L	J
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000028	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000027	ug/L	J
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000014	ug/L	J
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15 SIM	BENZENE	0.00051	ug/L	
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15 SIM	BENZENE	0.00051	ug/L	
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15 SIM	BENZENE	0.0005	ug/L	
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00035	ug/L	
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00038	ug/L	
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00035	ug/L	
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15 SIM	CHLOROFORM	0.00015	ug/L	
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15 SIM	CHLOROFORM	0.000083	ug/L	J
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15 SIM	CHLOROFORM	0.00015	ug/L	
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15 SIM	TETRACHLOROETHENE	0.000076	ug/L	
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15 SIM	TETRACHLOROETHENE	0.00029	ug/L	
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15 SIM	TETRACHLOROETHENE	0.00029	ug/L	
ELE-VLT-16	Vault-D03_011707	01/17/07	TO-15 SIM	TRICHLOROETHENE	0.000038	ug/L	
ELE-VLT-16	ELE-VLT-16-CL_011707	01/17/07	TO-15 SIM	TRICHLOROETHENE	0.000028	ug/L	
ELE-VLT-16	ELE-VLT-16-OP_011707	01/17/07	TO-15 SIM	TRICHLOROETHENE	0.000018	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00054	ug/L	J
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	1,2,4-TRIMETHYLBENZENE	0.00078	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	2-BUTANONE	0.0014	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	2-HEXANONE	0.0002	ug/L	J
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	4-METHYL-2-PENTANONE	0.00011	ug/L	J
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	ACETONE	0.012	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	ACROLEIN	0.00082	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	BENZENE	0.0019	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	CARBON TETRACHLORIDE	0.00038	ug/L	J
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	CHLOROFORM	0.00012	ug/L	J
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	CHLOROMETHANE	0.00076	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	DICHLORODIFLUOROMETHANE	0.0022	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	ETHYLBENZENE	0.00061	ug/L	J
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	ISOPROPYLBENZENE	0.00013	ug/L	J
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	METHYLENE CHLORIDE	0.00057	ug/L	J
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	N-PROPYLBENZENE	0.00015	ug/L	J
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	O-XYLENE	0.00089	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	STYRENE	0.00023	ug/L	J
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	TETRACHLOROETHENE	0.00066	ug/L	J
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	TOLUENE	0.0043	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	TRICHLOROETHENE	0.00013	ug/L	J
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	TRICHLOROFLUOROMETHANE	0.0011	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15	XYLENES, M & P	0.0024	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15 SIM	1,2-DICHLOROETHANE	0.00004	ug/L	

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000011	ug/L	J
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000066	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15 SIM	BENZENE	0.0016	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00032	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15 SIM	CHLOROFORM	0.00012	ug/L	J
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15 SIM	TETRACHLOROETHENE	0.00062	ug/L	
ELE-VLT-20	ELE-VLT-20-OP_012307	01/23/07	TO-15 SIM	TRICHLOROETHENE	0.00012	ug/L	
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00055	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00056	ug/L	J
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	2-BUTANONE	0.0013	ug/L	
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	2-BUTANONE	0.0018	ug/L	
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	2-HEXANONE	0.00011	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	2-HEXANONE	0.00015	ug/L	J
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	ACETONE	0.0054	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	ACETONE	0.0088	ug/L	
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	ACROLEIN	0.00034	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	ACROLEIN	0.00065	ug/L	J
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	BENZENE	0.00055	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	BENZENE	0.00058	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	CARBON TETRACHLORIDE	0.00044	ug/L	J
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	CARBON TETRACHLORIDE	0.00042	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	CHLOROMETHANE	0.00059	ug/L	J
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	CHLOROMETHANE	0.00062	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	DICHLORODIFLUOROMETHANE	0.0021	ug/L	
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	DICHLORODIFLUOROMETHANE	0.0021	ug/L	
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	ETHYLBENZENE	0.00016	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	ETHYLBENZENE	0.00015	ug/L	J
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	METHYLENE CHLORIDE	0.00019	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	METHYLENE CHLORIDE	0.00019	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	O-XYLENE	0.00016	ug/L	J
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	O-XYLENE	0.00017	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	STYRENE	0.000081	ug/L	J
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	STYRENE	0.000091	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	TETRACHLOROETHENE	0.000091	ug/L	J
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	TOLUENE	0.001	ug/L	
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	TOLUENE	0.00082	ug/L	
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	TRICHLOROFLUOROMETHANE	0.001	ug/L	
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	TRICHLOROFLUOROMETHANE	0.001	ug/L	
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15	XYLENES, M & P	0.00048	ug/L	J
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15	XYLENES, M & P	0.00049	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000037	ug/L	
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000033	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000012	ug/L	J

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000012	ug/L	J
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000015	ug/L	J
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000015	ug/L	J
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15 SIM	BENZENE	0.00053	ug/L	
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15 SIM	BENZENE	0.00055	ug/L	
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00037	ug/L	
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00038	ug/L	
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15 SIM	CHLOROFORM	0.000082	ug/L	J
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15 SIM	CHLOROFORM	0.000087	ug/L	J
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15 SIM	TETRACHLOROETHENE	0.000091	ug/L	
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15 SIM	TETRACHLOROETHENE	0.000089	ug/L	
FBO-VLT-02	Vault-D02_011707	01/17/07	TO-15 SIM	TRICHLOROETHENE	0.000021	ug/L	
FBO-VLT-02	FBO-VLT-02-OP_011707	01/17/07	TO-15 SIM	TRICHLOROETHENE	0.000028	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	1,1,1-TRICHLOROETHANE	0.000091	ug/L	J
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.0005	ug/L	J
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	1,2,4-TRIMETHYLBENZENE	0.002	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	1,3,5-TRIMETHYLBENZENE	0.00064	ug/L	J
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	1,4-DICHLOROBENZENE	0.00033	ug/L	J
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	2-BUTANONE	0.0033	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	4-METHYL-2-PENTANONE	0.00033	ug/L	J
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	ACETONE	0.022	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	ACROLEIN	0.00069	ug/L	J
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	BENZENE	0.004	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	CARBON TETRACHLORIDE	0.00038	ug/L	J
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	CHLOROFORM	0.00037	ug/L	J
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	CHLOROMETHANE	0.00091	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	DICHLORODIFLUOROMETHANE	0.0026	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	ETHYLBENZENE	0.0022	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	ISOPROPYLBENZENE	0.00016	ug/L	J
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	METHYLENE CHLORIDE	0.0022	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	N-PROPYLBENZENE	0.00045	ug/L	J
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	O-XYLENE	0.0027	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	P-ISOPROPYLTOLUENE	0.0002	ug/L	J
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	STYRENE	0.0011	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	TETRACHLOROETHENE	0.0015	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	TOLUENE	0.015	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	TRICHLOROETHENE	0.00053	ug/L	J
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	TRICHLOROFLUOROMETHANE	0.0012	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15	XYLENES, M & P	0.0081	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000045	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000013	ug/L	J
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.00029	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15 SIM	BENZENE	0.0032	ug/L	

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00034	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15 SIM	CHLOROFORM	0.00035	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15 SIM	TETRACHLOROETHENE	0.0014	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15 SIM	TRICHLOROETHENE	0.00048	ug/L	
FBO-VLT-03	FBO-VLT-03-OP_012307	01/23/07	TO-15 SIM	VINYL CHLORIDE	4.4E-06	ug/L	J
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00056	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00053	ug/L	J
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00052	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15	2-BUTANONE	0.0013	ug/L	
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	2-BUTANONE	0.0019	ug/L	
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15	2-BUTANONE	0.0011	ug/L	
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	2-HEXANONE	0.0002	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15	2-HEXANONE	0.00014	ug/L	J
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15	2-HEXANONE	0.00012	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15	ACETONE	0.0057	ug/L	J
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	ACETONE	0.0085	ug/L	
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	ACROLEIN	0.00083	ug/L	
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15	ACROLEIN	0.00038	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15	ACROLEIN	0.00055	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15	BENZENE	0.00046	ug/L	J
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15	BENZENE	0.00044	ug/L	J
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	BENZENE	0.00045	ug/L	J
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15	CARBON TETRACHLORIDE	0.00042	ug/L	J
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	CARBON TETRACHLORIDE	0.00042	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15	CARBON TETRACHLORIDE	0.00044	ug/L	J
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	CHLOROMETHANE	0.00045	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15	CHLOROMETHANE	0.00061	ug/L	J
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15	CHLOROMETHANE	0.00062	ug/L	J
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	DICHLORODIFLUOROMETHANE	0.0022	ug/L	
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15	DICHLORODIFLUOROMETHANE	0.0021	ug/L	
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15	DICHLORODIFLUOROMETHANE	0.0021	ug/L	
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	ETHYLBENZENE	0.00016	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15	ETHYLBENZENE	0.000095	ug/L	J
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15	ETHYLBENZENE	0.000087	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15	METHYLENE CHLORIDE	0.00016	ug/L	J
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	METHYLENE CHLORIDE	0.00016	ug/L	J
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15	METHYLENE CHLORIDE	0.00015	ug/L	J
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15	O-XYLENE	0.000097	ug/L	J
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	O-XYLENE	0.00021	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15	O-XYLENE	0.00012	ug/L	J
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	STYRENE	0.000094	ug/L	J
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	TETRACHLOROETHENE	0.00037	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15	TOLUENE	0.00046	ug/L	J

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15	TOLUENE	0.00042	ug/L	J
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	TOLUENE	0.00058	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15	TRICHLOROFLUOROMETHANE	0.001	ug/L	
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	TRICHLOROFLUOROMETHANE	0.0012	ug/L	
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15	TRICHLOROFLUOROMETHANE	0.0011	ug/L	
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15	XYLENES, M & P	0.00034	ug/L	J
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15	XYLENES, M & P	0.00028	ug/L	J
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15	XYLENES, M & P	0.00058	ug/L	J
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000036	ug/L	
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000032	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000035	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000013	ug/L	J
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000014	ug/L	J
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000012	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.00001	ug/L	J
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.00003	ug/L	J
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000011	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15 SIM	BENZENE	0.00043	ug/L	
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15 SIM	BENZENE	0.00043	ug/L	
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15 SIM	BENZENE	0.0004	ug/L	
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00036	ug/L	
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00039	ug/L	
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00039	ug/L	
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15 SIM	CHLOROFORM	0.000086	ug/L	J
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15 SIM	CHLOROFORM	0.000074	ug/L	J
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15 SIM	CHLOROFORM	0.000075	ug/L	J
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15 SIM	TETRACHLOROETHENE	0.000065	ug/L	
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15 SIM	TETRACHLOROETHENE	0.000066	ug/L	
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15 SIM	TETRACHLOROETHENE	0.00037	ug/L	
HH-FN4-5	HH-FN4-5-OP_011607	01/16/07	TO-15 SIM	TRICHLOROETHENE	0.000015	ug/L	
HH-FN4-5	HH-FN4-5-CL_011607	01/16/07	TO-15 SIM	TRICHLOROETHENE	0.000025	ug/L	
HH-FN4-5	Vault-D01_011607	01/16/07	TO-15 SIM	TRICHLOROETHENE	0.000017	ug/L	
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00054	ug/L	J
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15	2-BUTANONE	0.0012	ug/L	
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15	2-HEXANONE	0.00013	ug/L	J
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15	ACETONE	0.0052	ug/L	J
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15	ACROLEIN	0.00066	ug/L	J
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15	BENZENE	0.00056	ug/L	J
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15	CARBON TETRACHLORIDE	0.00044	ug/L	J
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15	CHLOROMETHANE	0.0006	ug/L	J
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15	DICHLORODIFLUOROMETHANE	0.0021	ug/L	
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15	ETHYLBENZENE	0.0001	ug/L	J
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15	METHYLENE CHLORIDE	0.00016	ug/L	J

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15	O-XYLENE	0.00012	ug/L	J
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15	TOLUENE	0.00053	ug/L	J
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15	TRICHLOROFLUOROMETHANE	0.0011	ug/L	
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15	XYLENES, M & P	0.00036	ug/L	J
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000037	ug/L	
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000013	ug/L	J
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000014	ug/L	J
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15 SIM	BENZENE	0.0005	ug/L	
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00039	ug/L	
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15 SIM	CHLOROFORM	0.000066	ug/L	J
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15 SIM	TETRACHLOROETHENE	0.000081	ug/L	
MH-FN4-2	MH-FN4-2-OP_011607	01/16/07	TO-15 SIM	TRICHLOROETHENE	0.000026	ug/L	
Power East	PowerEast-OP_011707	01/17/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00049	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15	2-BUTANONE	0.0017	ug/L	
Power East	PowerEast-OP_011707	01/17/07	TO-15	2-HEXANONE	0.00017	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15	4-METHYL-2-PENTANONE	0.000082	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15	ACETONE	0.0085	ug/L	
Power East	PowerEast-OP_011707	01/17/07	TO-15	ACROLEIN	0.00062	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15	BENZENE	0.0005	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15	CARBON TETRACHLORIDE	0.00043	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15	CHLOROMETHANE	0.00059	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15	DICHLORODIFLUOROMETHANE	0.0021	ug/L	
Power East	PowerEast-OP_011707	01/17/07	TO-15	ETHYLBENZENE	0.00014	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15	METHYLENE CHLORIDE	0.00019	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15	O-XYLENE	0.00019	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15	TOLUENE	0.00059	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15	TRICHLOROFLUOROMETHANE	0.001	ug/L	
Power East	PowerEast-OP_011707	01/17/07	TO-15	XYLENES, M & P	0.0005	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000035	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000014	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000013	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15 SIM	BENZENE	0.00048	ug/L	
Power East	PowerEast-OP_011707	01/17/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00039	ug/L	
Power East	PowerEast-OP_011707	01/17/07	TO-15 SIM	CHLOROFORM	0.000076	ug/L	J
Power East	PowerEast-OP_011707	01/17/07	TO-15 SIM	TETRACHLOROETHENE	0.000081	ug/L	
Power East	PowerEast-OP_011707	01/17/07	TO-15 SIM	TRICHLOROETHENE	0.000025	ug/L	
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00053	ug/L	J
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	2-BUTANONE	0.0012	ug/L	
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	2-HEXANONE	0.00012	ug/L	J
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	ACETONE	0.0084	ug/L	
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	ACROLEIN	0.00055	ug/L	J
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	BENZENE	0.00055	ug/L	J
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	CARBON TETRACHLORIDE	0.00043	ug/L	J

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	CHLOROMETHANE	0.00054	ug/L	J
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	DICHLORODIFLUOROMETHANE	0.0021	ug/L	
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	ETHYLBENZENE	0.00016	ug/L	J
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	METHYLENE CHLORIDE	0.00017	ug/L	J
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	O-XYLENE	0.00018	ug/L	J
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	TETRACHLOROETHENE	0.00018	ug/L	J
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	TOLUENE	0.00086	ug/L	
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	TRICHLOROFLUOROMETHANE	0.001	ug/L	
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15	XYLENES, M & P	0.00054	ug/L	J
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000039	ug/L	
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000011	ug/L	J
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000019	ug/L	J
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15 SIM	BENZENE	0.00054	ug/L	
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15 SIM	CARBON TETRACHLORIDE	0.00036	ug/L	
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15 SIM	CHLOROFORM	0.0001	ug/L	J
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15 SIM	TETRACHLOROETHENE	0.00019	ug/L	
SW-MH-01	SW-MH-01-OP_011707	01/17/07	TO-15 SIM	TRICHLOROETHENE	0.000033	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	1,1,1-TRICHLOROETHANE	0.00007	ug/L	J
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00057	ug/L	J
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	1,1-DICHLOROETHENE	0.00011	ug/L	J
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	2-BUTANONE	0.0014	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	2-HEXANONE	0.00019	ug/L	J
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	4-METHYL-2-PENTANONE	0.00014	ug/L	J
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	ACETONE	0.0077	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	ACROLEIN	0.00085	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	BENZENE	0.00051	ug/L	J
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	BROMODICHLOROMETHANE	0.014	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	BROMOFORM	0.0025	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	CARBON TETRACHLORIDE	0.00046	ug/L	J
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	CHLORODIBROMOMETHANE	0.013	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	CHLOROFORM	0.014	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	CHLOROMETHANE	0.00056	ug/L	J
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	DICHLORODIFLUOROMETHANE	0.0021	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	ETHYLBENZENE	0.00017	ug/L	J
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	METHYLENE CHLORIDE	0.00026	ug/L	J
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	O-XYLENE	0.00019	ug/L	J
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	TETRACHLOROETHENE	0.00011	ug/L	J
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	TOLUENE	0.00081	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	TRICHLOROFLUOROMETHANE	0.0011	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15	XYLENES, M & P	0.00058	ug/L	J
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15 SIM	1,2-DICHLOROETHANE	0.000039	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15 SIM	1,2-DICHLOROPROPANE	0.000012	ug/L	J
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15 SIM	1,4-DICHLOROBENZENE	0.000027	ug/L	J

TABLE 3-3
Summary of Detected TO-15 Results for Phoenix Sky Harbor International Airport Subsurface Utility Vaults, First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15 SIM	BENZENE	0.0005	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15 SIM	CARBON TETRACHLORIDE	0.0004	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15 SIM	CHLOROFORM	0.015	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15 SIM	TETRACHLOROETHENE	0.00012	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15 SIM	TRICHLOROETHENE	0.00015	ug/L	
SW-MH-02	SW-MH-02-OP_011707	01/17/07	TO-15 SIM	VINYL CHLORIDE	0.000006	ug/L	J

Notes:

ug/L = micrograms per liter.

J =The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

Ambient = Ambient air samples collected to determine background VOC concentrations at Phoenix Sky Harbor International Airport.

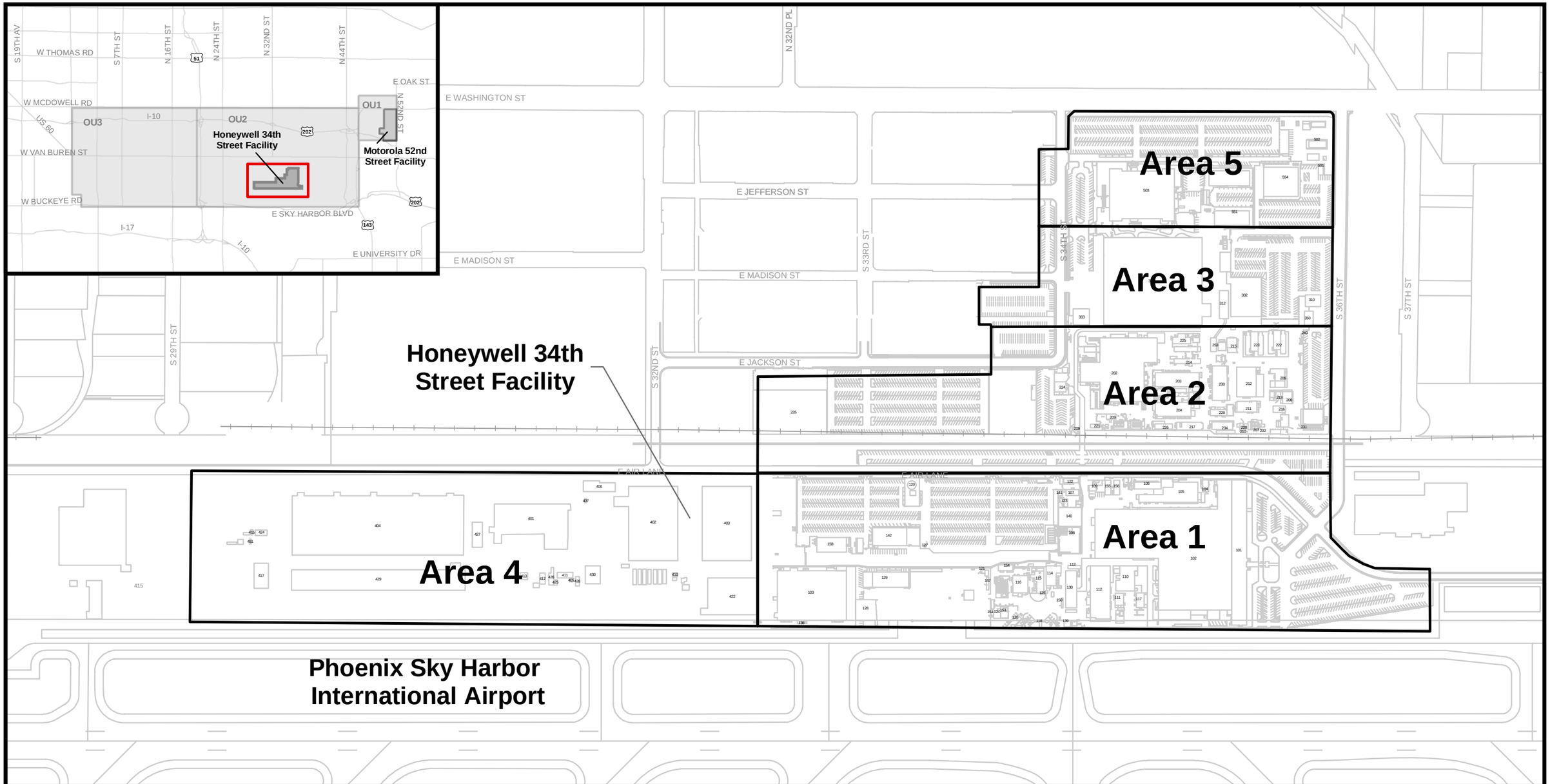
ELE = Electrical subsurface utility vaults located north of the Phoenix Sky Harbor International Airport terminals.

FBO = Fiber optic subsurface utility vaults located north of the Phoenix Sky Harbor International Airport terminals.

SW = stormwater manholes.

HH and MH = Electrical subsurface utility vaults located south of the Phoenix Sky Harbor International Airport terminals.

Figures



Legend

- Street and Airport Features
- Railroad
- Operational Area Boundaries
- Honeywell Buildings

N
W E
S

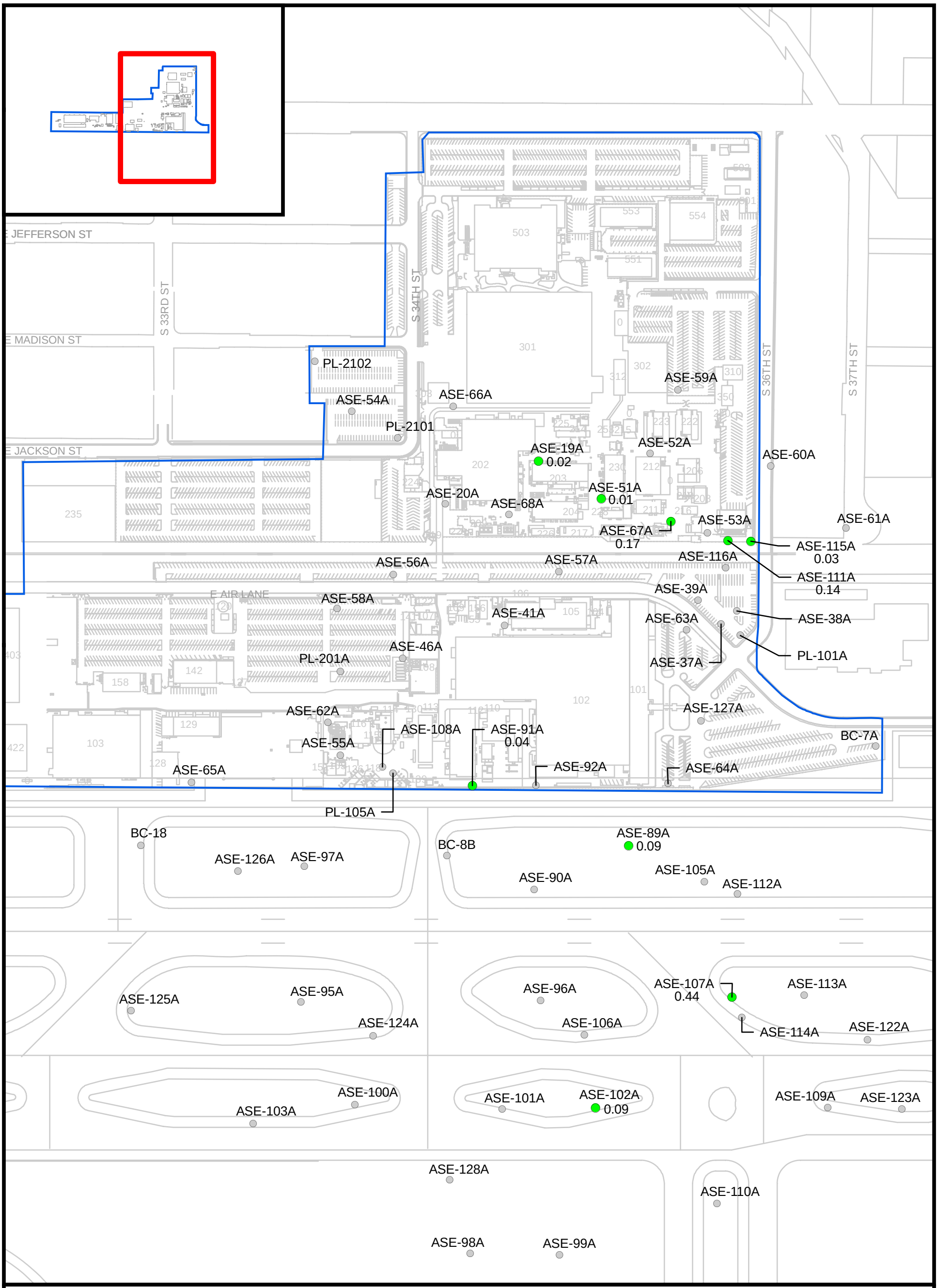
0 200 400 800 Feet

FIGURE 1-1
FACILITY LOCATION AND LAYOUT

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG1-1_FACILITYLOCATIONLAYOUT.MXD CVF 4/18/2007 13:01:34



Legend

- Free Product Detected (feet)
- Free Product Not Detected
- Street and Airport Features
- Honeywell Facility

N
W E
S

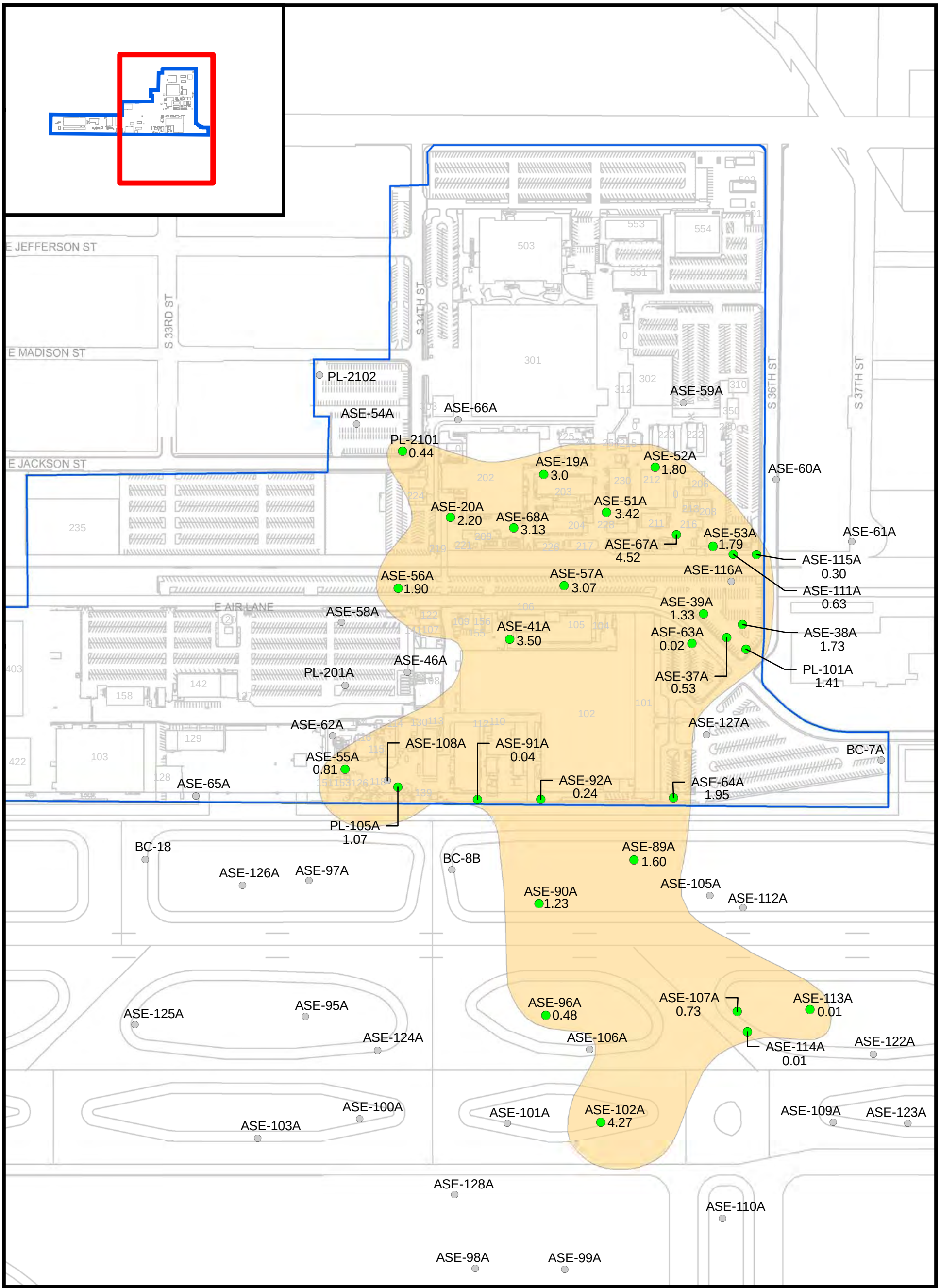
0 150 300 600 Feet

Note:
1. All measurements collected on March 6, 2007, except ASE-67A which was collected on March 5, 2007.

FIGURE 2-1
FREE-PRODUCT THICKNESS
MARCH 2007
Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG2-1_FREEPRODUCTTHICKNESS.MXD CVF 4/19/2007 11:32:39



Legend

- Free Product Detected (feet)
- Free Product Not Detected
- Street and Airport Features
- Honeywell Facility
- Historical Free Product Extent (as of March 6, 2007)

N W E S

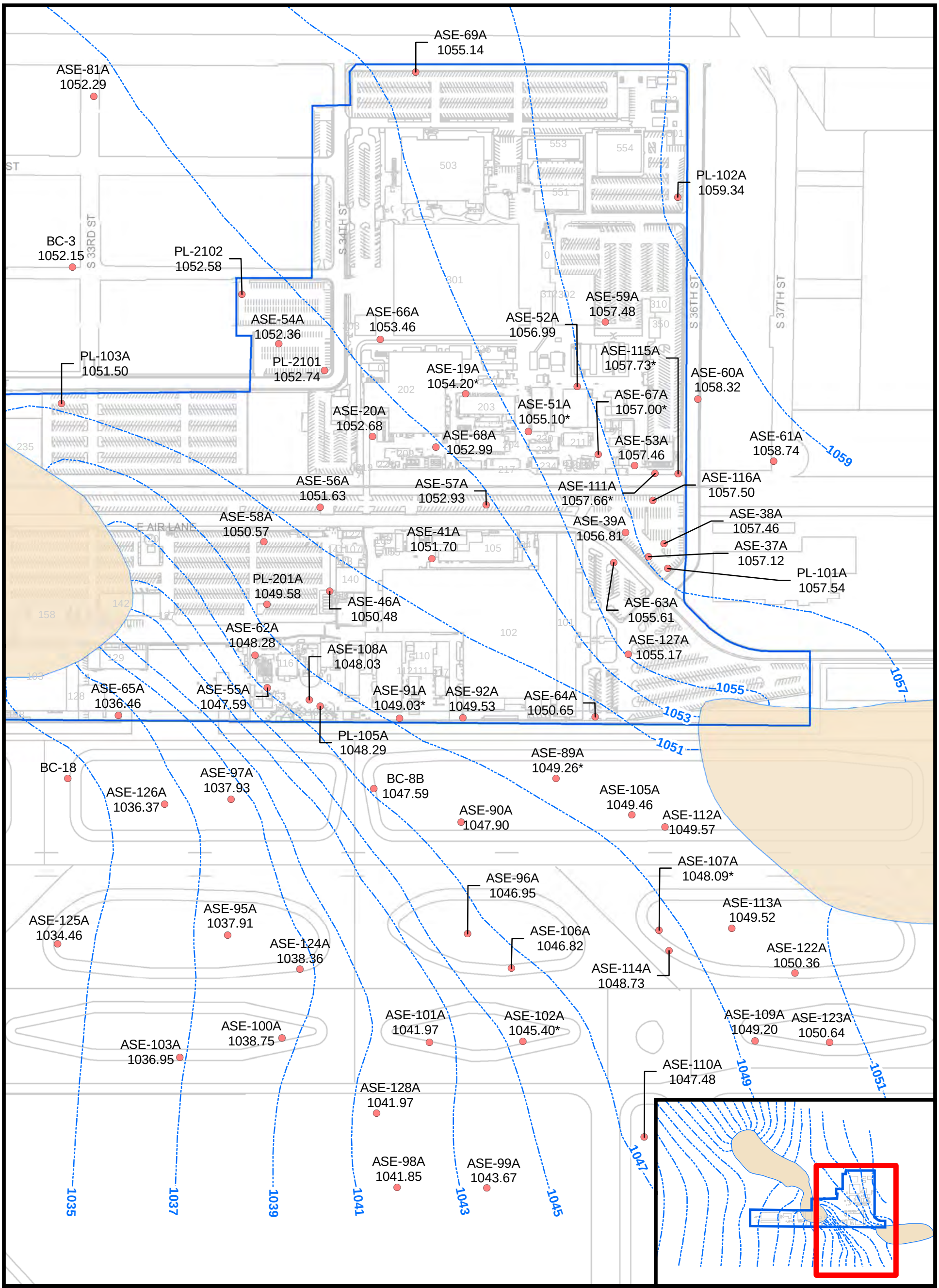
0 150 300 600 Feet

FIGURE 2-2
FREE-PRODUCT THICKNESS (MAXIMUM)

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG2-2_FREEPRODUCT THICKNESS (MAXIMUM).MXD CVF 5/4/2007 16:23:52



Legend

ASE-124A 1038.36 — Well Identifier; Water Level Elevation, in feet above mean sea level

Water Level Contours (ft amsl) - SRG

Honeywell Facility

Honeywell Bedrock Rise

N W E S

0 150 300 600 Feet

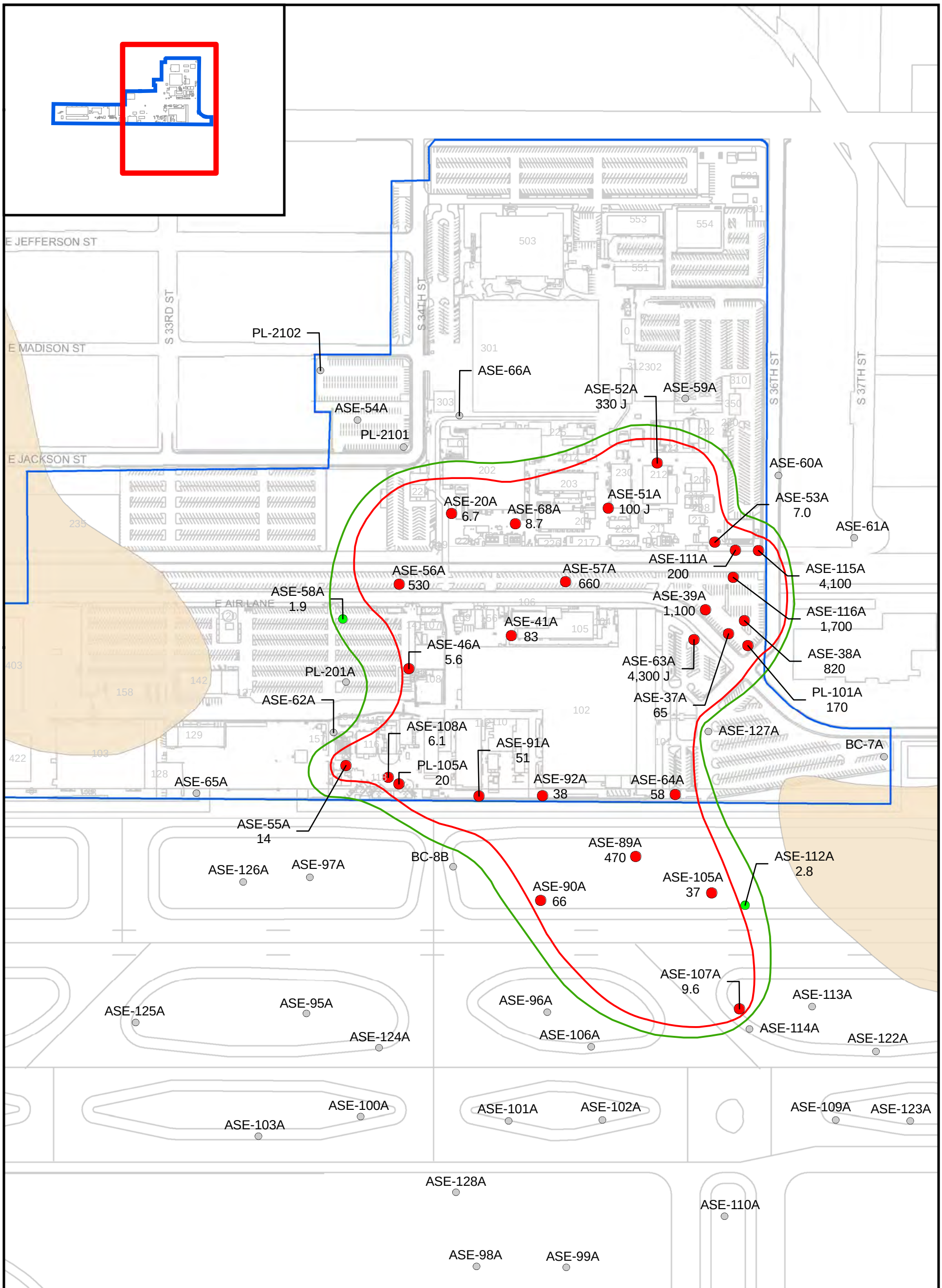
Notes:
1. All measurements taken during the period March 1 through 6, 2007.
2. No pumping water levels or groundwater levels for wells with floating product were used to produce water level contours displayed on this map.
3. *Monitoring Well contained free product. Value represents corrected water level elevation based on a free-product specific gravity of 0.81. Groundwater levels from wells with free product were not used to produce contours.
4. Monitoring Well BC-18 dry on day of measurement.

FIGURE 2-3
WATER LEVEL CONTOURS
MARCH 2007
SALT RIVER GRAVELS SUB-UNIT

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG2-3_WATER LEVEL CONTOURS-SRG.MXD CVF 5/8/2007 16:05:43



Legend

- Compound Not Detected
- Compound Detected (µg/L)
- Regulatory Standard Exceeded
- Street and Airport Features
- Honeywell Facility
- Honeywell Bedrock Rise

Contour

- Not Detected Above Reporting Limit
- 5 µg/L

N W E S

0 150 300 600 Feet

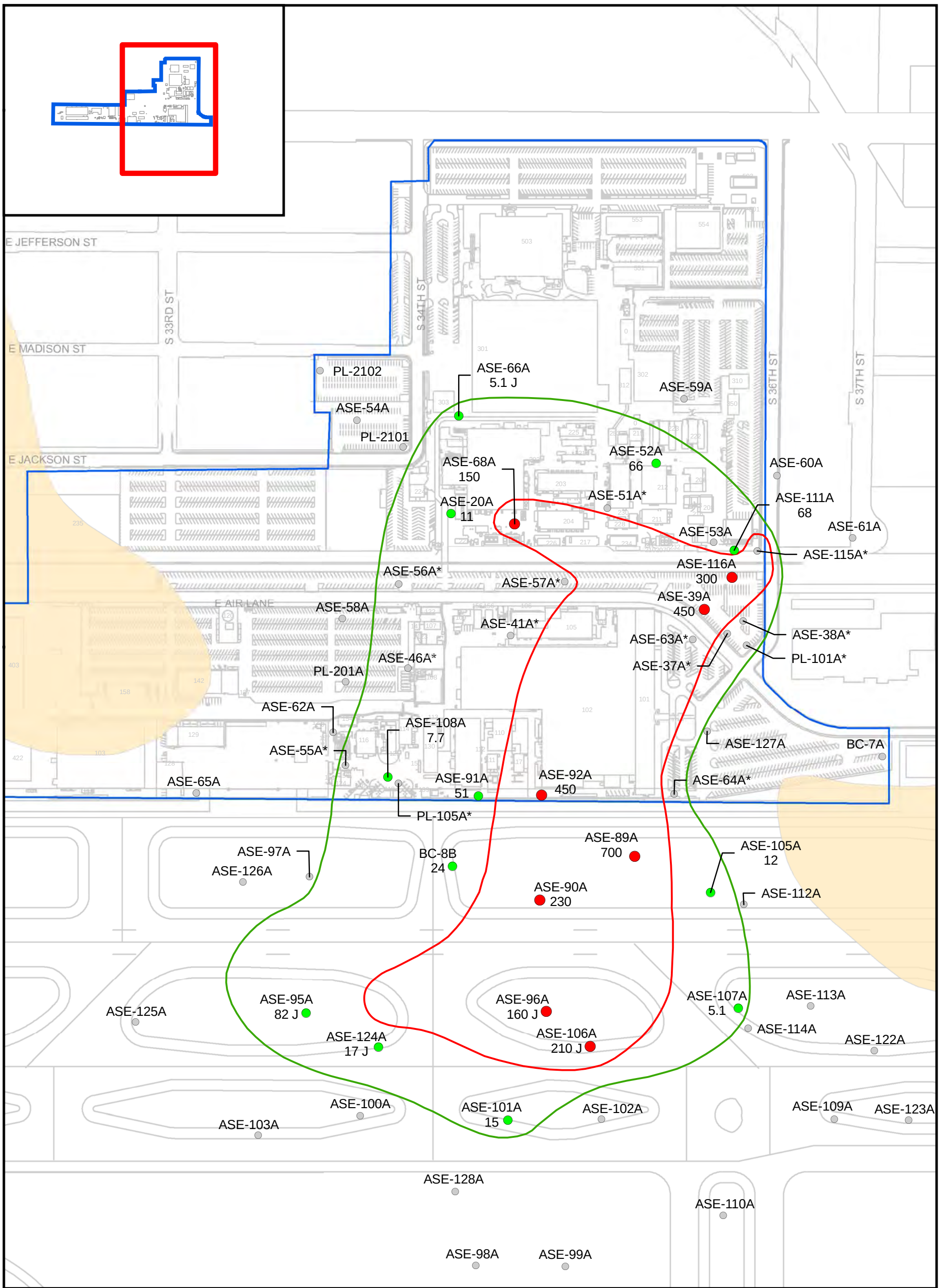
Notes:
1. Exceedance value is 5 µg/L.
2. Samples collected between March 12 and March 23, 2007.
3. J = Analyte detected but concentration estimated by laboratory.

FIGURE 2-4
BENZENE
MARCH 2007
GROUNDWATER PARAMETERS

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG2-4_GW_BENZENE.MXD CVF 5/4/2007 09:27:24



Legend

- Compound Not Detected
- Compound Detected (µg/L)
- Regulatory Standard Exceeded
- Street and Airport Features
- Honeywell Facility
- Honeywell Bedrock Rise

Contour

- Not Detected Above Reporting Limit
- 94 µg/L

N W E S

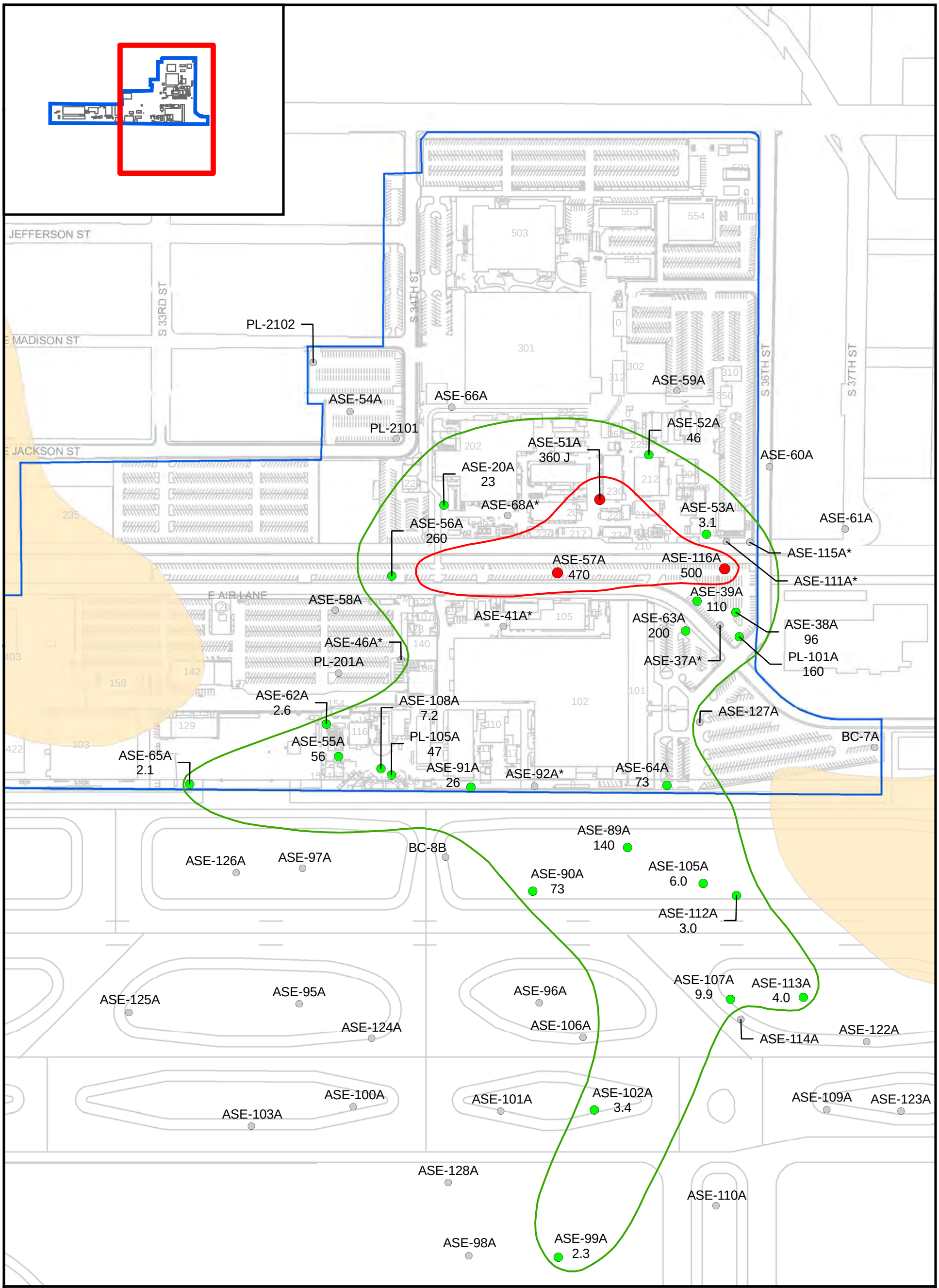
0 150 300 600 Feet

Notes:
1. Exceedance value is 94 ug/L.
2. Samples collected between March 12 and March 23, 2007.
3. J = Analyte detected but concentration estimated by laboratory.
4. * = Data not used to produce contours due to elevated reporting limit. See report text for details.

FIGURE 2-5
METHYL TERT-BUTYL ETHER
MARCH 2007
GROUNDWATER PARAMETERS
Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG2-5_GW_MTBE.MXD CVF 5/8/2007 14:37:22



Legend

- Compound Not Detected
- Compound Detected (µg/L)
- Regulatory Standard Exceeded
- Street and Airport Features
- Honeywell Facility
- Honeywell Bedrock Rise

Contour

- Not Detected Above Reporting Limit
- 280 µg/L

N W E S

0 150 300 600 Feet

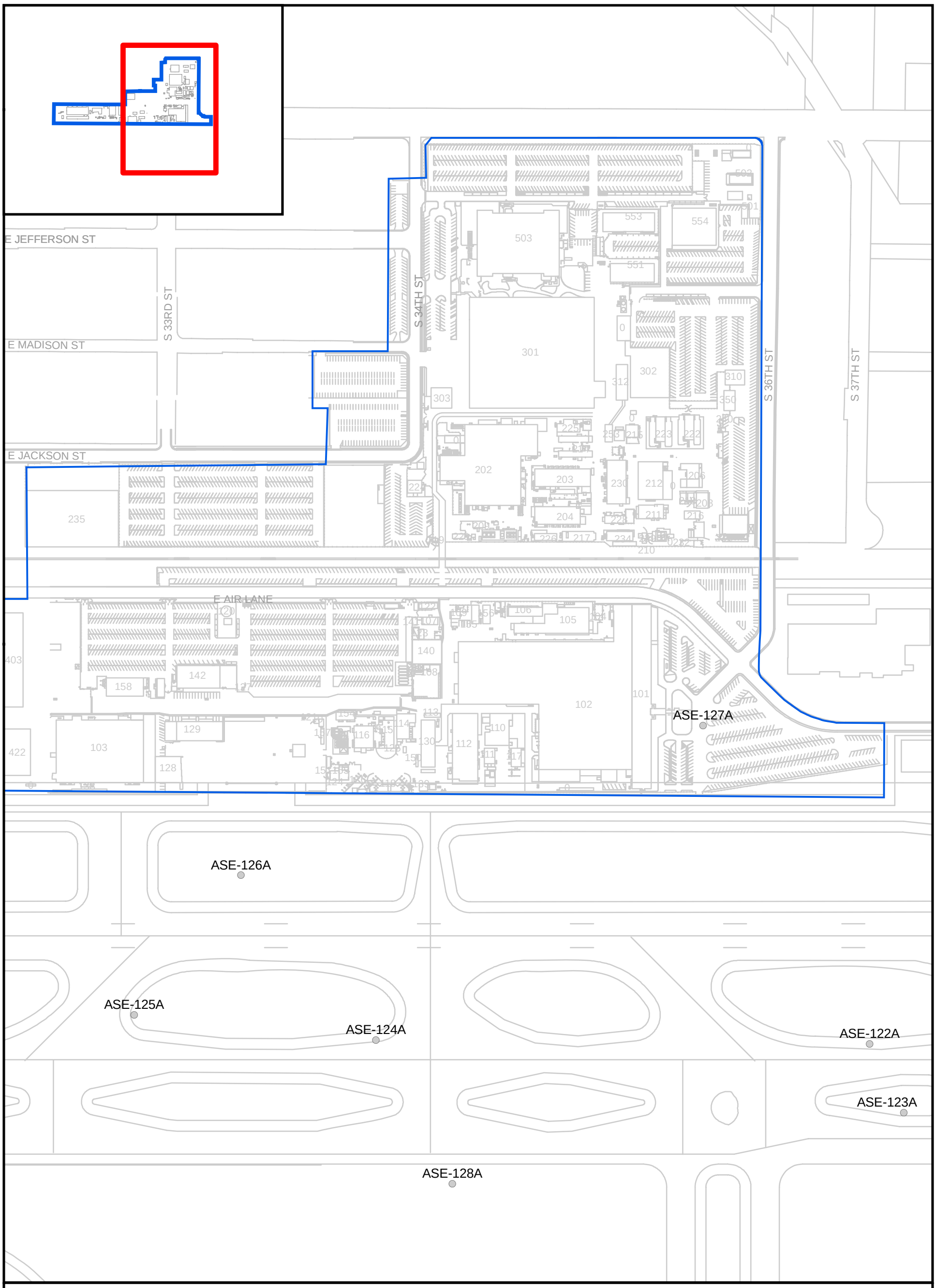
Notes:
1. Exceedance value is 280 ug/L.
2. Samples collected between March 12 and March 23, 2007.
3. J = Analyte detected but concentration estimated by laboratory.
4. * = Data not used to produce contours due to elevated reporting limit. See report text for details.

FIGURE 2-6
NAPHTHALENE
MARCH 2007
GROUNDWATER PARAMETERS

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG2-6_GW_NAPHTHALENE.MXD CVF 5/4/2007 09:25:39



Legend

- Compound Not Detected
- Street and Airport Features
- Honeywell Facility

N
W E
S

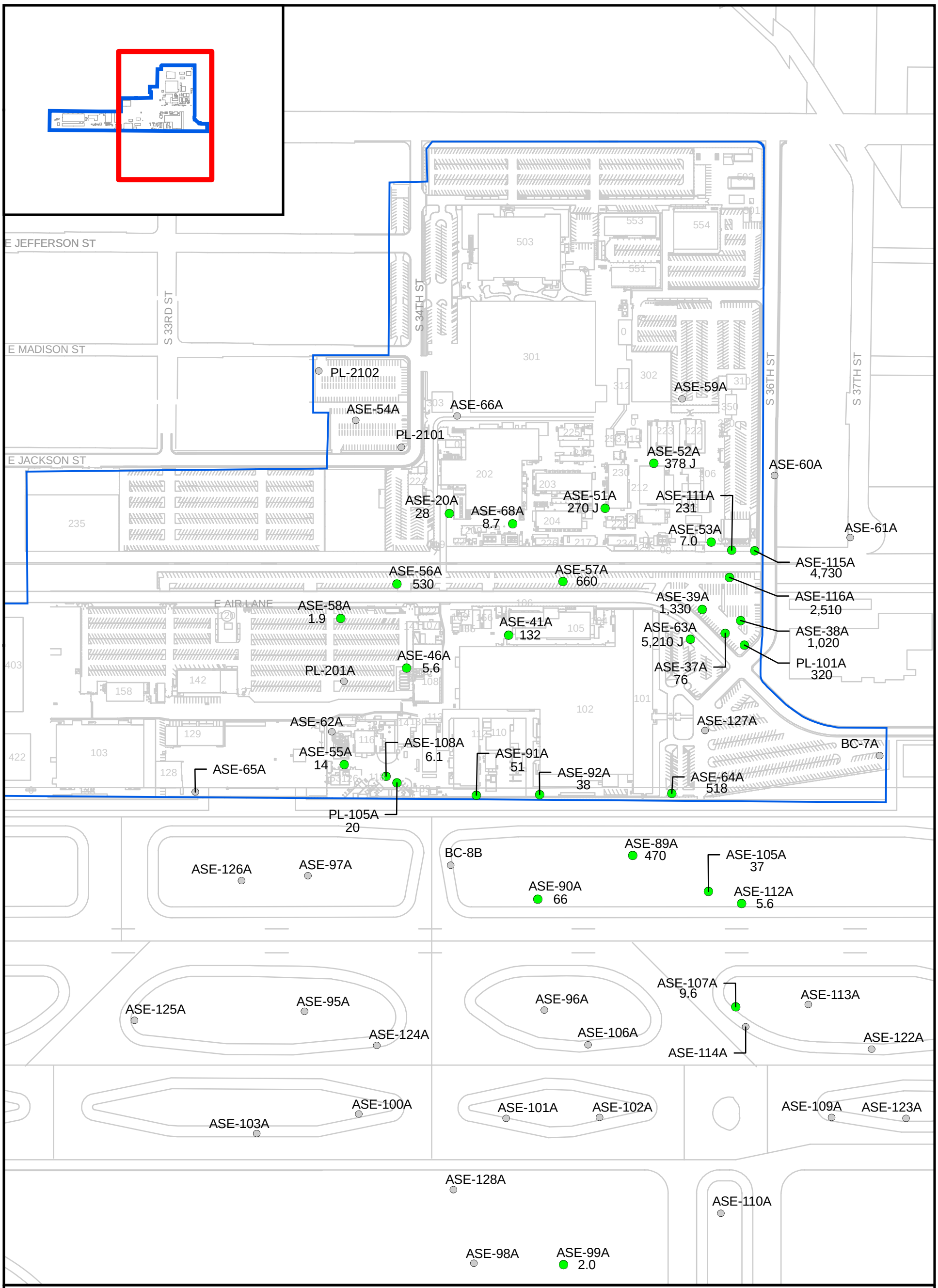
0 150 300 600 Feet

Notes:
1. Exceedance value is 0.2 ug/L.
2. Samples collected between March 12 and March 15, 2007.

FIGURE 2-7
BENZO(A)PYRENE
MARCH 2007
GROUNDWATER PARAMETERS
Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG2-7_GW_BENZO(A)PYRENE.MXD CVF 5/4/2007 11:07:21



Legend

- Compound Detected (µg/L)
- Compound Not Detected
- Street and Airport Features
- Honeywell Facility

N W E S

0 150 300 600 Feet

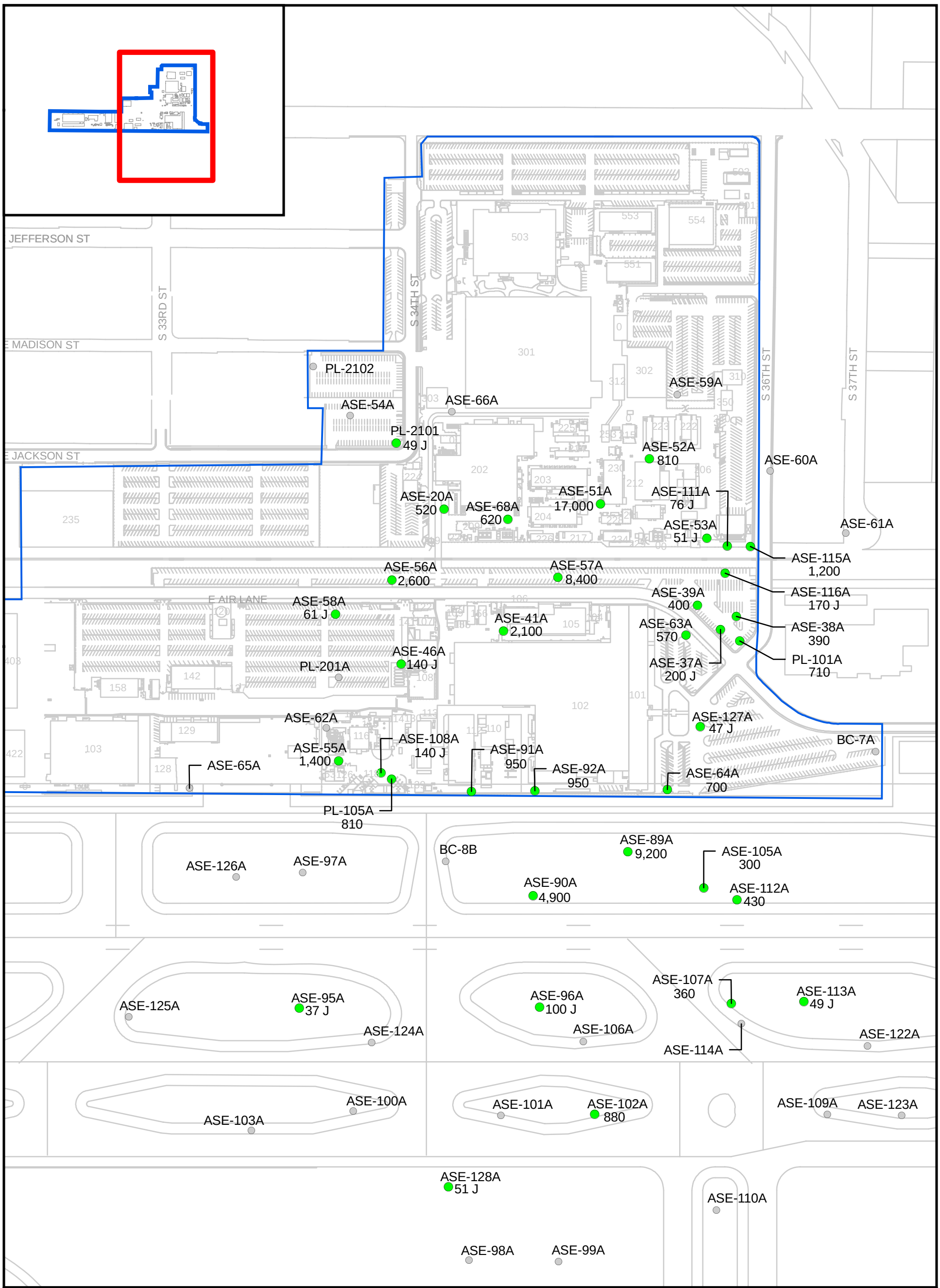
Notes:
1. Total BTEX is the sum of Benzene, Toluene, Ethylbenzene, and Xylenes.
2. Samples collected between March 12 and March 23, 2007.
3. J = Analyte detected but concentration estimated by laboratory.

FIGURE 2-8
TOTAL BTEX
MARCH 2007
GROUNDWATER PARAMETERS

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG2-8_GW_TOTAL_BTEX.MXD CVF 5/4/2007 12:19:45



Legend

- Compound Detected (µg/L)
- Compound Not Detected
- Street and Airport Features
- Honeywell Facility

N W E S

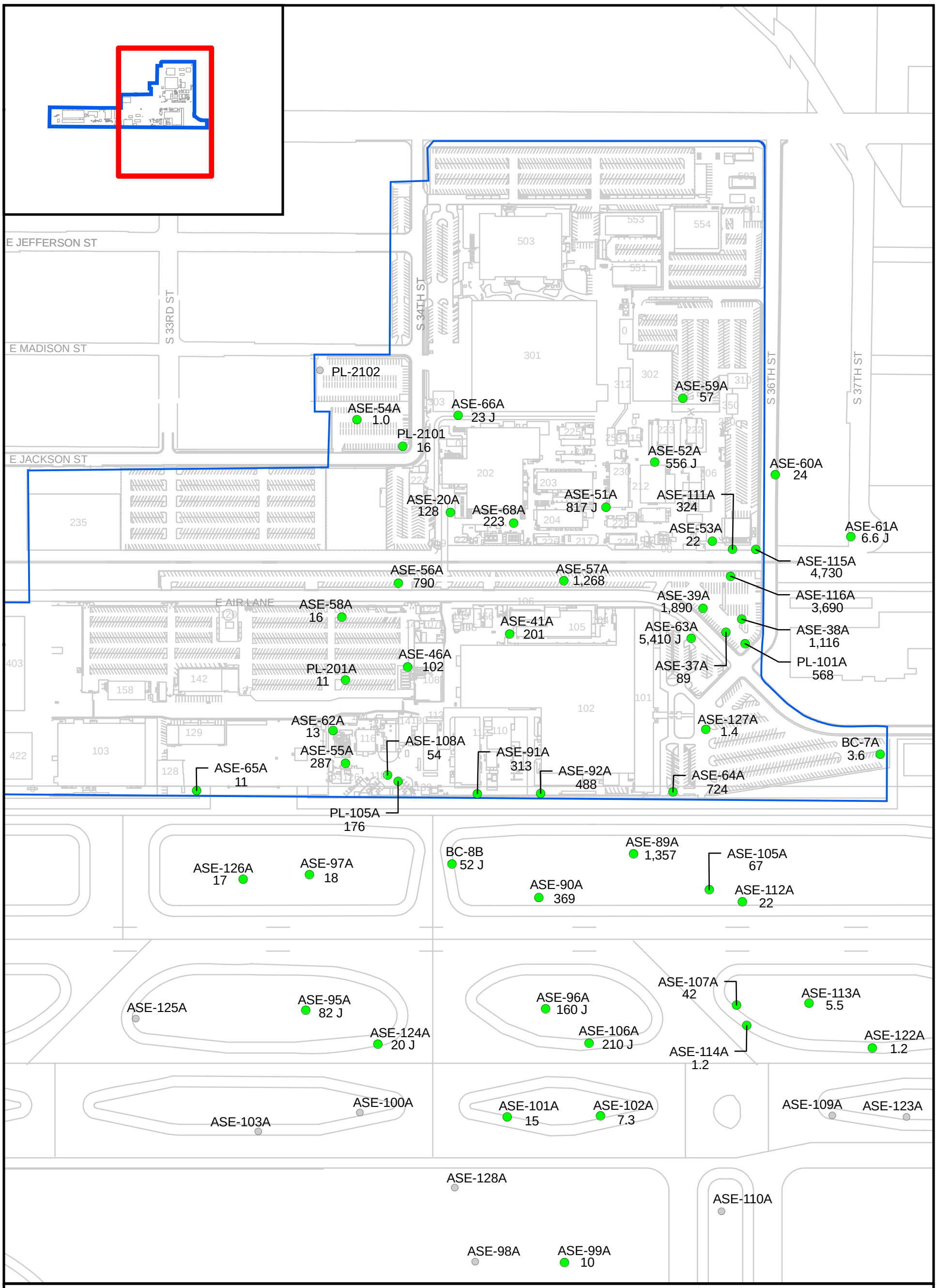
0 150 300 600 Feet

Notes:
1. Total TRPH is the sum of C10-C22 Compounds and C23-C32 Compounds.
2. Samples collected between March 12 and March 23, 2007.
3. J = Analyte detected but concentration estimated by laboratory.

FIGURE 2-9
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (TRPH)
MARCH 2007
GROUNDWATER PARAMETERS
Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG2-9_GW_TRPH.MXD CVF 5/8/2007 14:34:21



Legend

- Compound Detected (µg/L)
- Compound Not Detected
- Street and Airport Features
- Honeywell Facility

N W E S

0 150 300 600 Feet

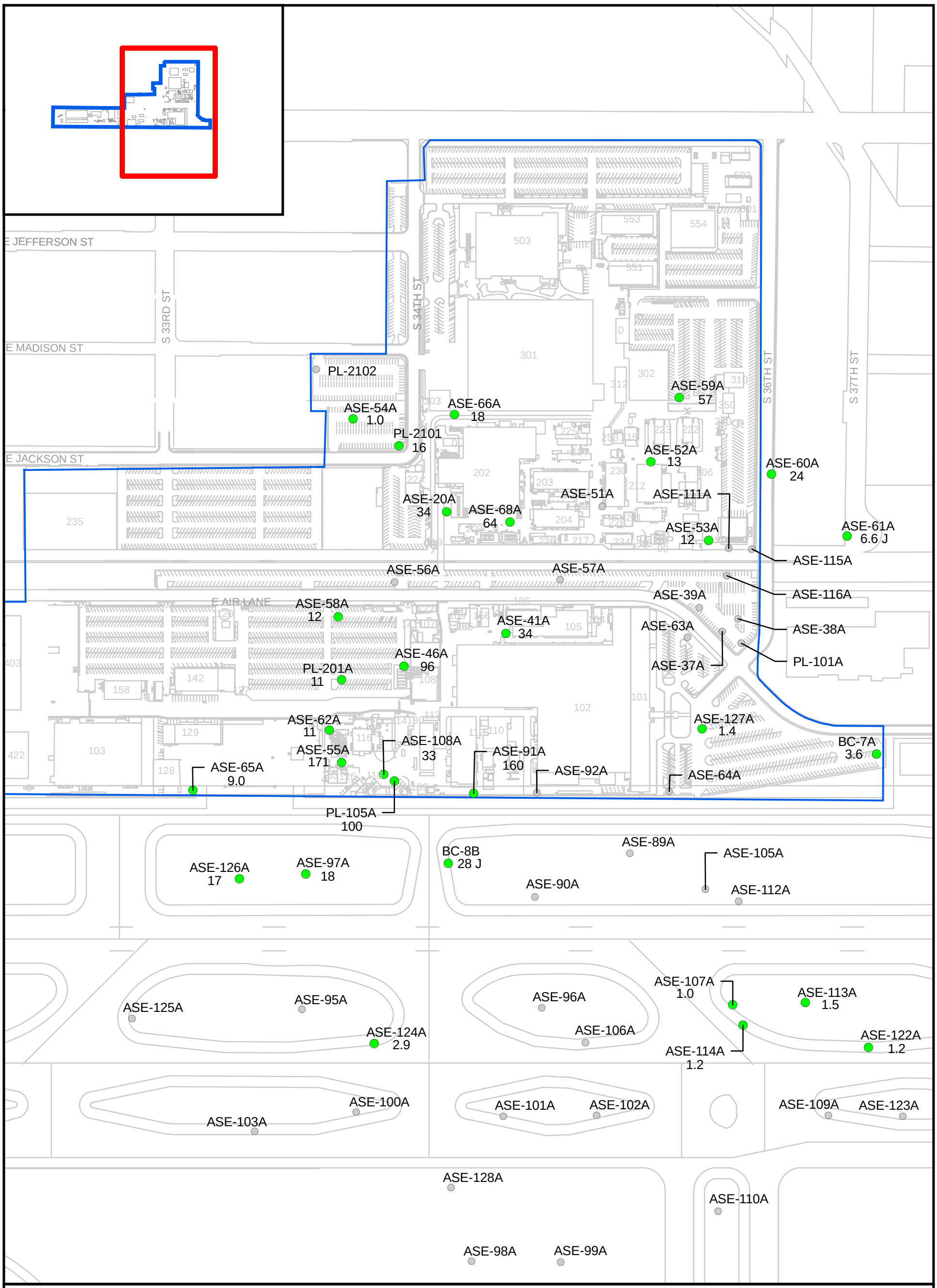
Notes:
1. Total VOCs is the sum of all detections for EPA Method 8260B analyte list.
2. Samples collected between March 12 and March 23, 2007.
3. J = Analyte detected but concentration estimated by laboratory.

FIGURE 2-10
TOTAL VOCs
MARCH 2007
GROUNDWATER PARAMETERS

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG2-10_GW_TOTAL_VOC'S.MXD CVF 5/4/2007 13:18:41



Legend

- Compound Detected (µg/L)
- Compound Not Detected
- Street and Airport Features
- Honeywell Facility

N W E S

0 150 300 600 Feet

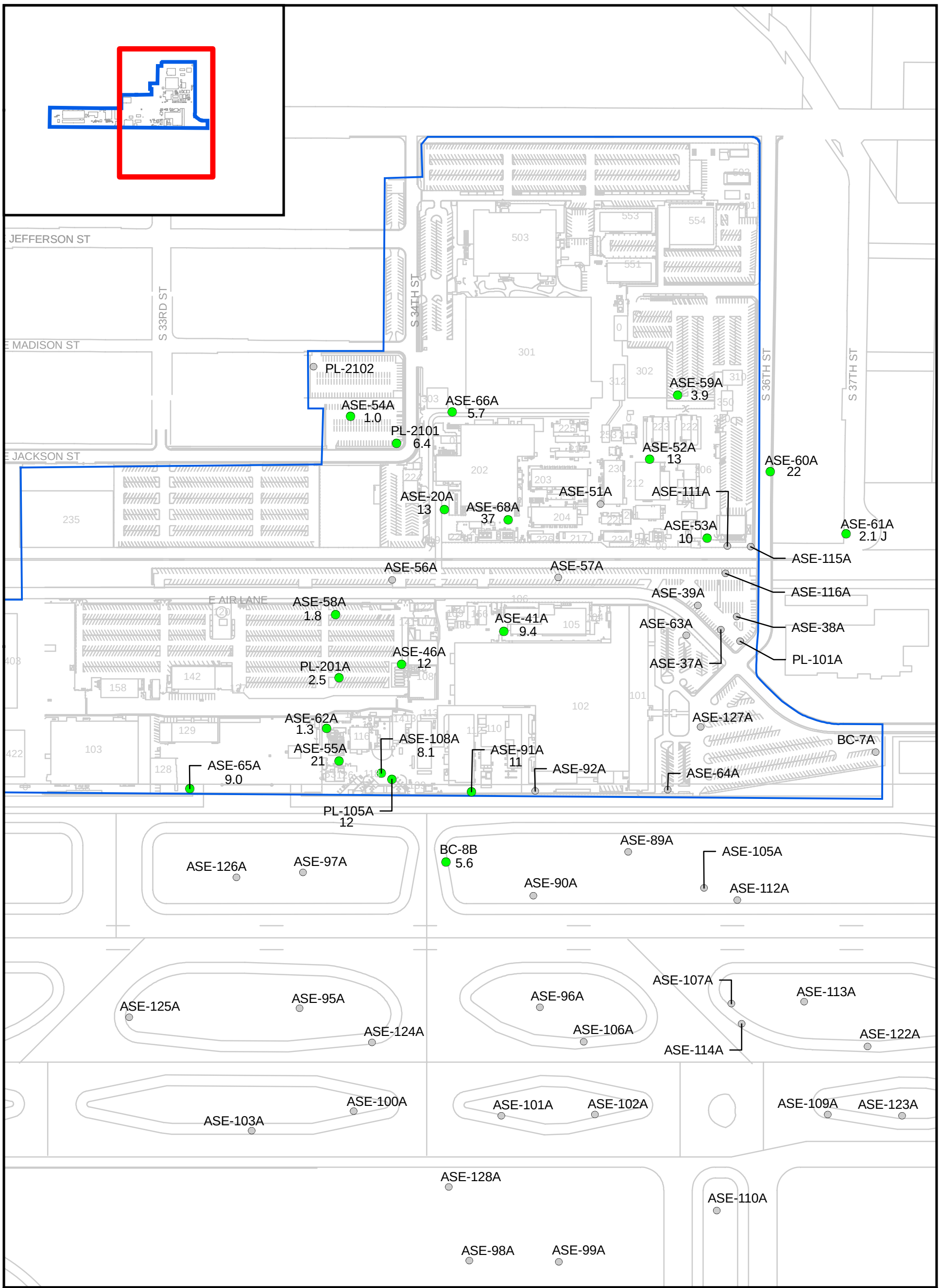
Notes:
1. Total Non-Fuel VOCs is the sum of the compounds listed on Table 2-4 (prepared by CH2M HILL chemist).
2. Samples collected between March 12 and March 23, 2007.
3. J = Analyte detected but concentration estimated by laboratory.

FIGURE 2-11
TOTAL NON-FUEL VOCs
MARCH 2007
GROUNDWATER PARAMETERS

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG2-11_GW_TOTAL_NON-FUEL_VOC'S.MXD CVF 5/4/2007 13:20:26



Legend

- Compound Detected (µg/L)
- Compound Not Detected
- Street and Airport Features
- Honeywell Facility

N W E S

0 150 300 600 Feet

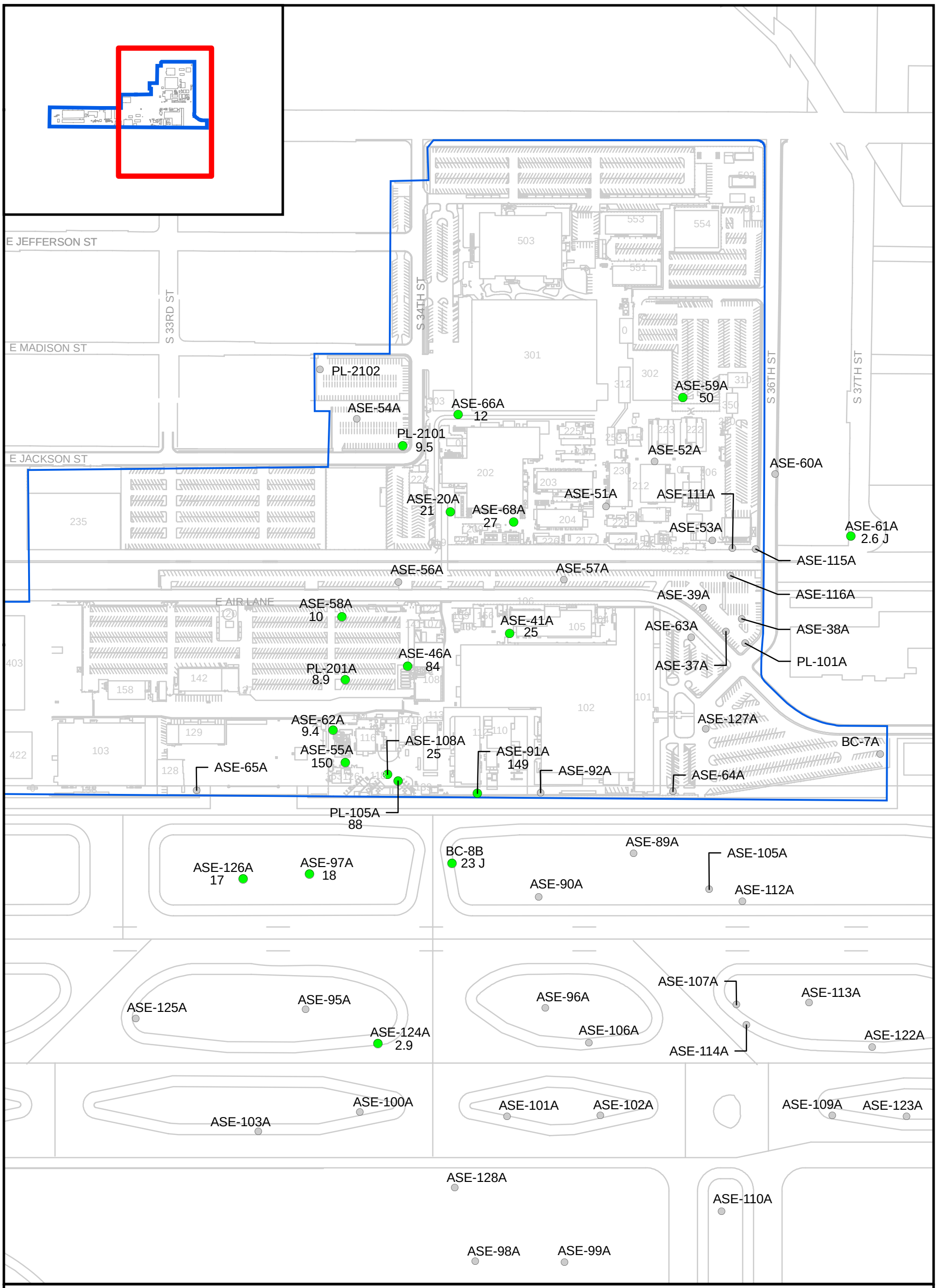
Notes:
1. Total TCE is the sum of TCE, cis-1,2-DCE, and Vinyl Chloride.
2. Samples collected between March 12 and March 23, 2007.
3. J = Analyte detected but concentration estimated by laboratory.

FIGURE 2-12
TOTAL TCE
MARCH 2007
GROUNDWATER PARAMETERS

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG2-12_GW_TOTAL_TCE.MXD CVF 5/4/2007 13:32:08



Legend

- Compound Detected (µg/L)
- Compound Not Detected
- Street and Airport Features
- Honeywell Facility

N W E S

0 150 300 600 Feet

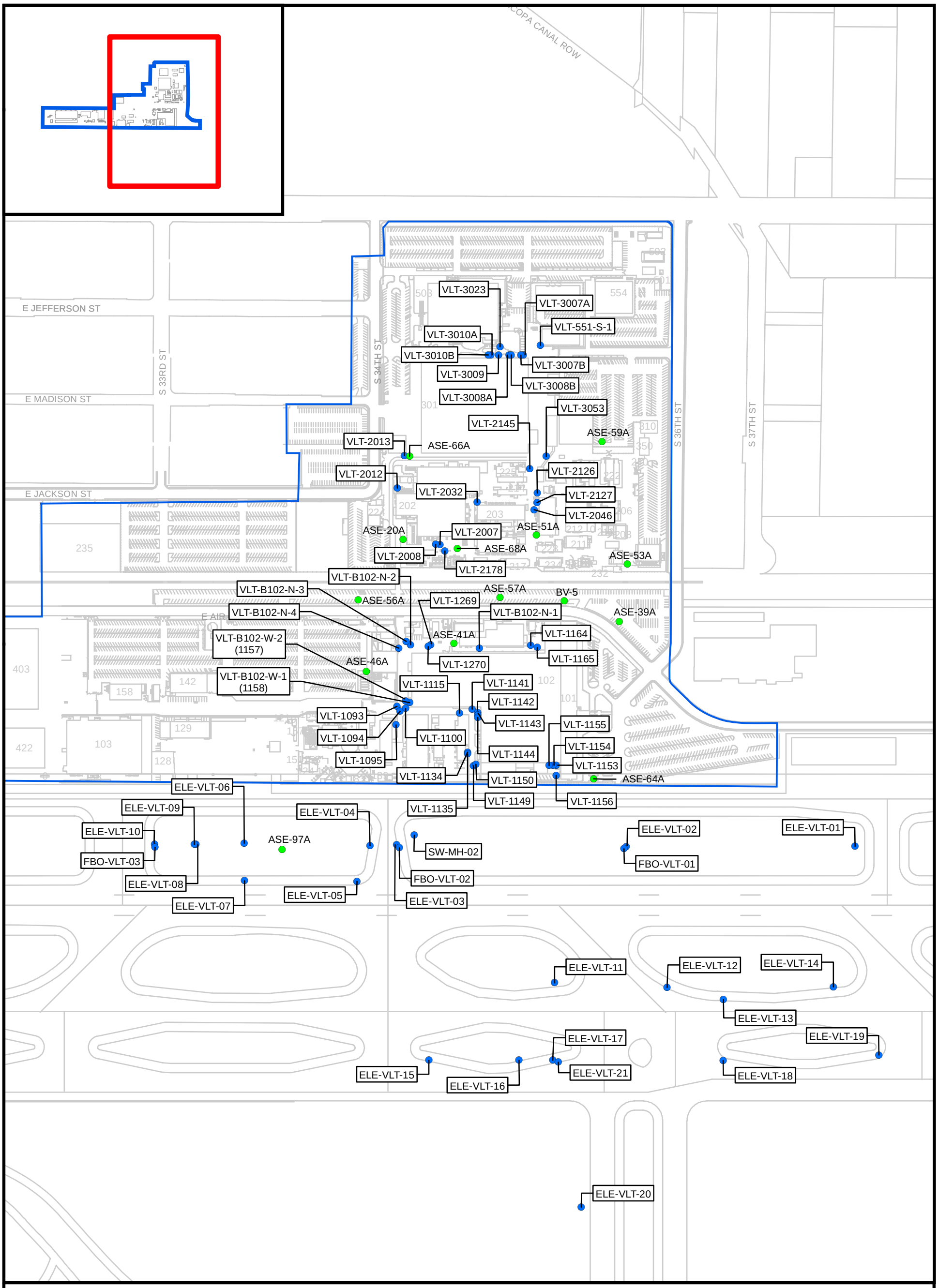
Notes:
1. Total TCA is the sum of 1,1,1-TCA, 1,1-DCA, 1,1-DCE, and Chloroethane.
2. Samples collected between March 12 and March 23, 2007.
3. J = Analyte detected but concentration estimated by laboratory.

FIGURE 2-13
TOTAL TCA
MARCH 2007
GROUNDWATER PARAMETERS

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG2-13_GW_TOTAL_TCA.MXD CVF 5/4/2007 13:35:05



Legend

- Location of Air Extraction Well Tests
- Subsurface Utility Vaults
- Street and Airport Features
- Honeywell Facility

N W E S

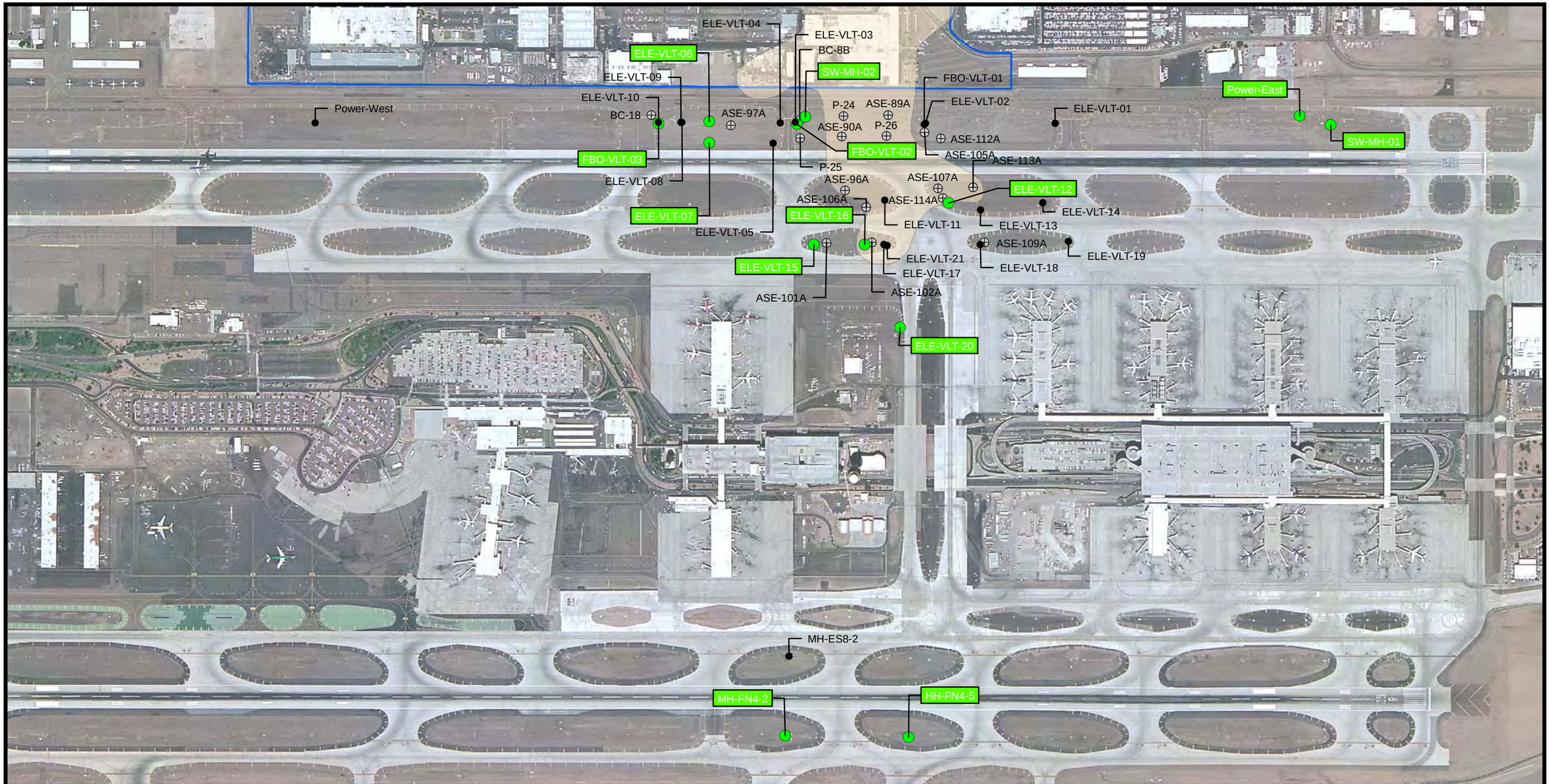
0 175 350 700 Feet

FIGURE 3-1
AIR EXTRACTION WELL TESTS AND SUBSURFACE UTILITY VAULT LOCATIONS

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG3-1_MONITORINGWELLS_SUBSURFACEUTILITYVAULTS.MXD CVF 4/20/2007 09:39:36



Legend

- Utility Vault and Stormwater Manhole Locations not Selected for EPA Method TO-15 Sampling.
- Utility Vault Selected for EPA Method TO-15 Sampling.
- Monitoring Well Locations
- Honeywell 34th Street Facility
- Historical Free Product Extent (as of March 6, 2007)

N
W E
S

0 325 650 1,300
Feet

FIGURE 3-2
PHOENIX SKY HARBOR INTERNATIONAL AIRPORT SUBSURFACE UTILITY VAULTS SELECTED FOR USEPA TO-15 ANALYSIS, FIRST QUARTER 2007

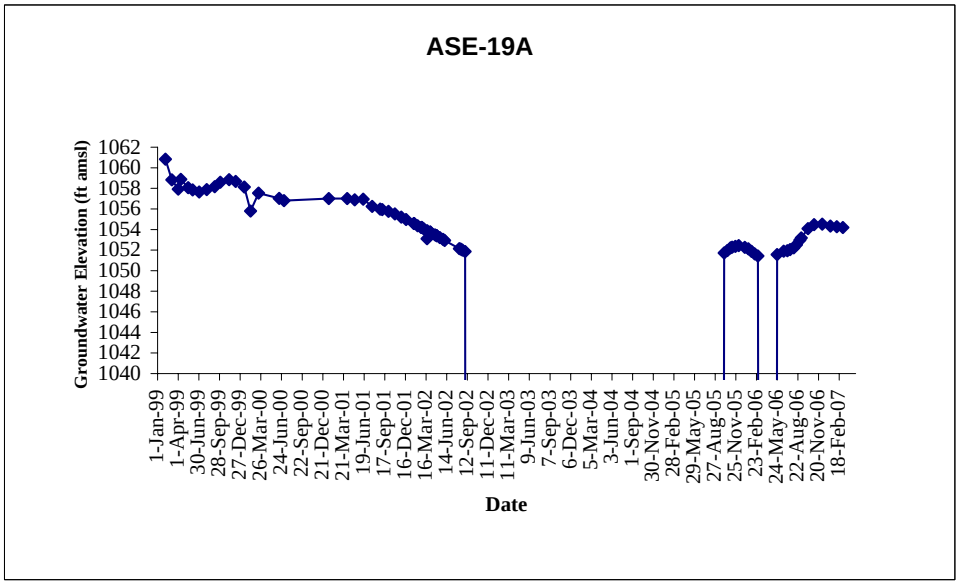
Honeywell 34th Street Facility
Phoenix, Arizona

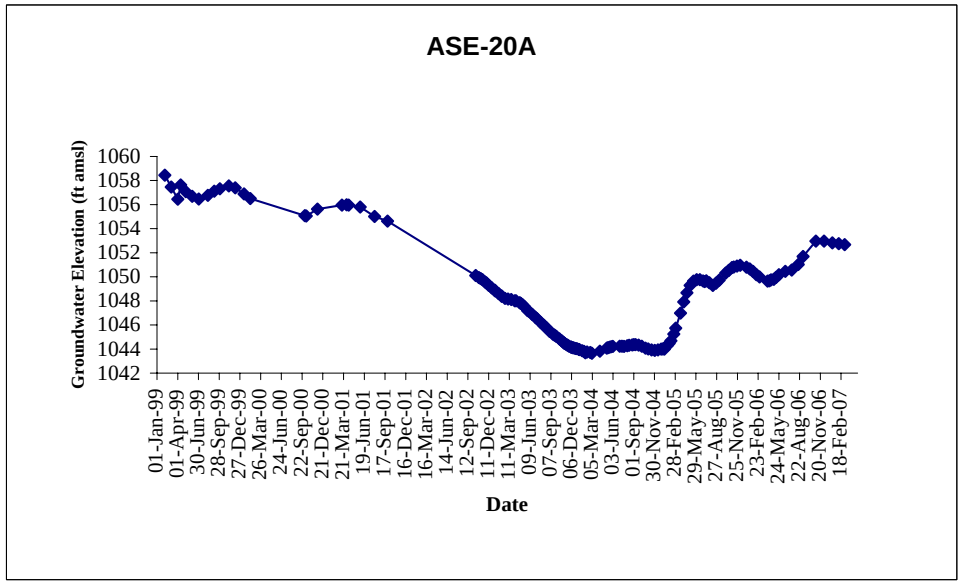
CH2MHILL

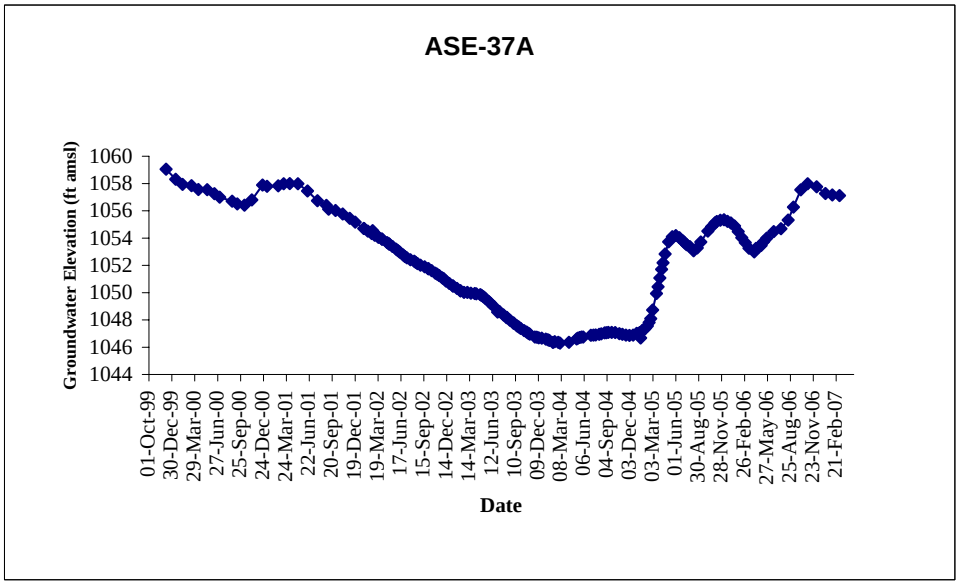
\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\1ST QRT MAR 2007\MAPFILES\FIG3-2_PSHIA_SUBSURFACEUTILITYVAULTS_SELECTED_FOR_TO-15_ANALYSIS.MXD CVF 4/19/2007 15:22:28

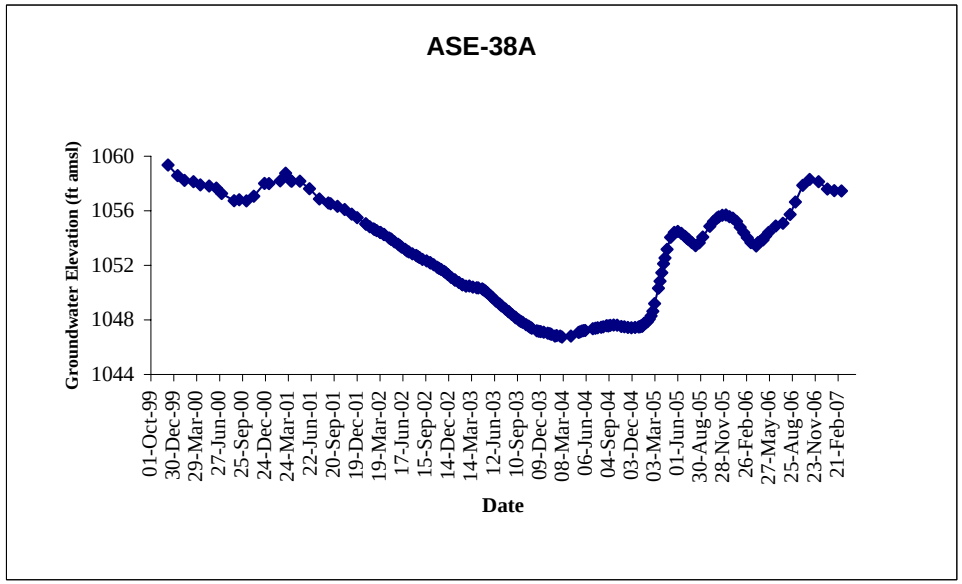
Appendix A
Hydrographs

HYDROGRAPHS

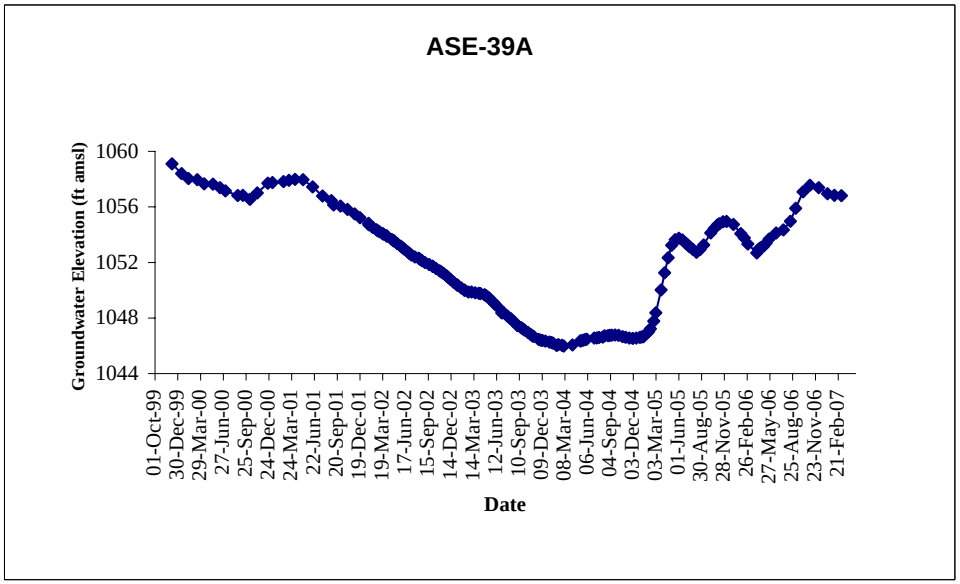


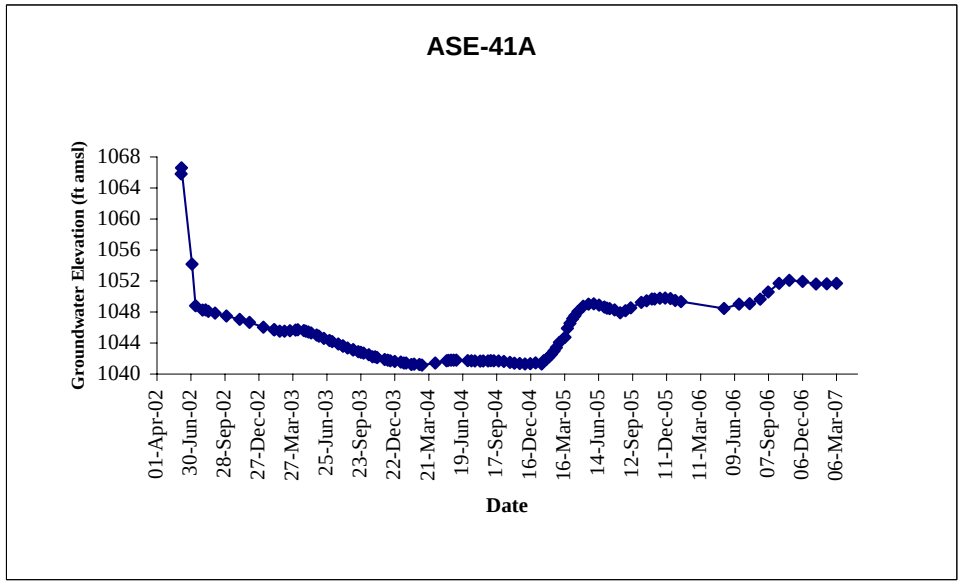


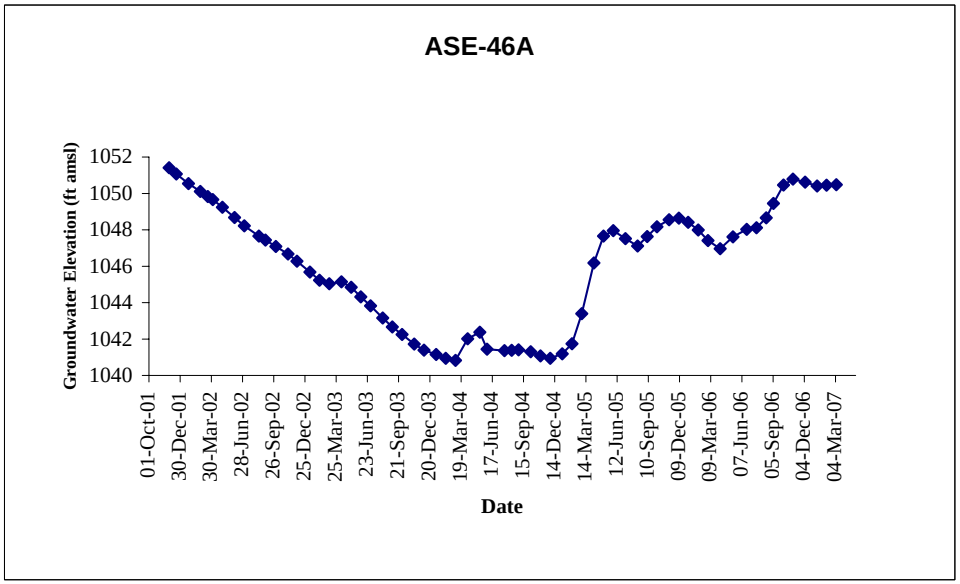


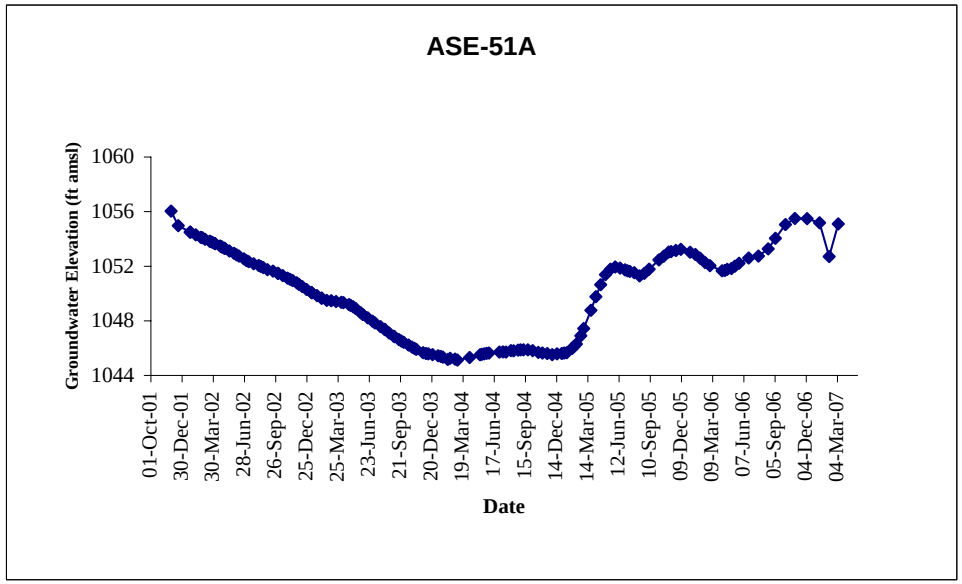


HYDROGRAPHS









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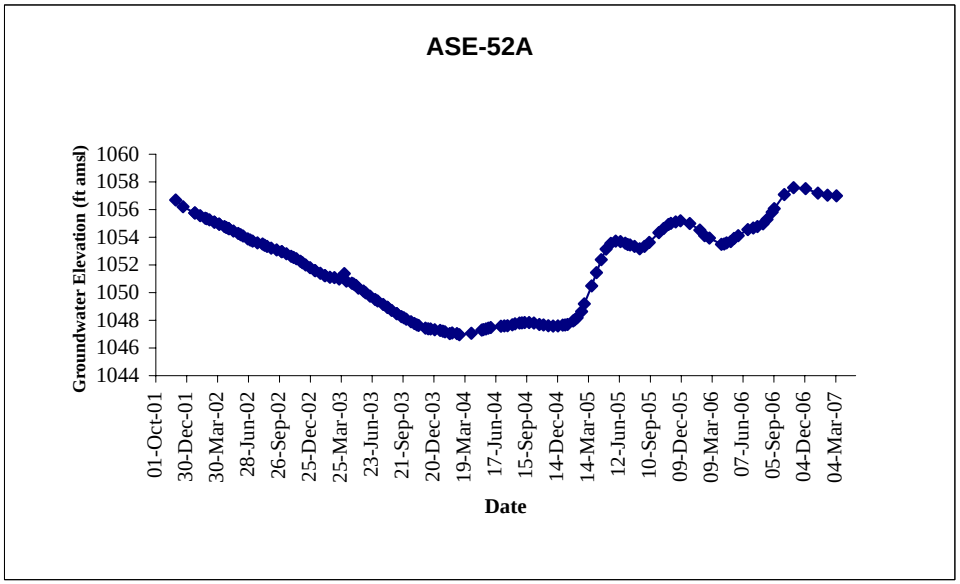

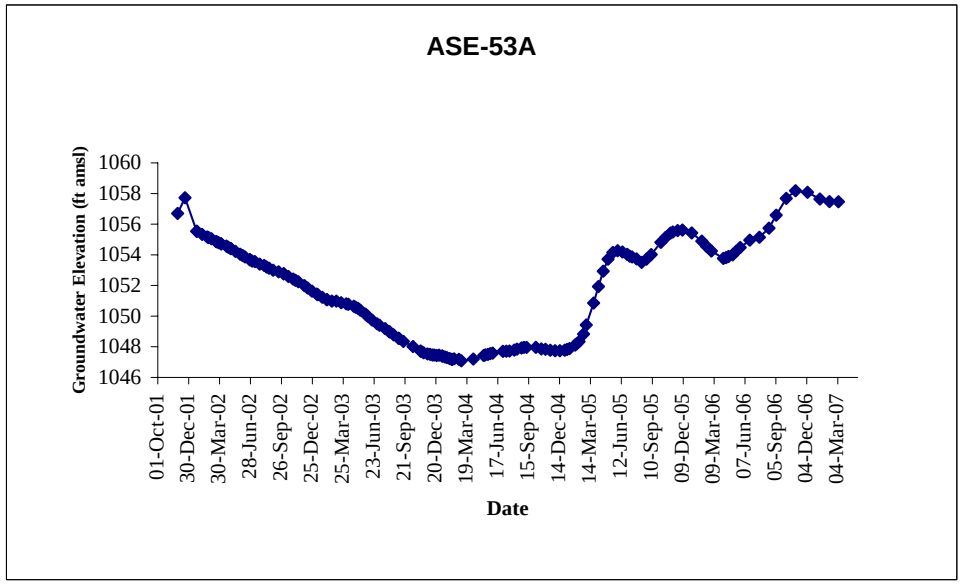

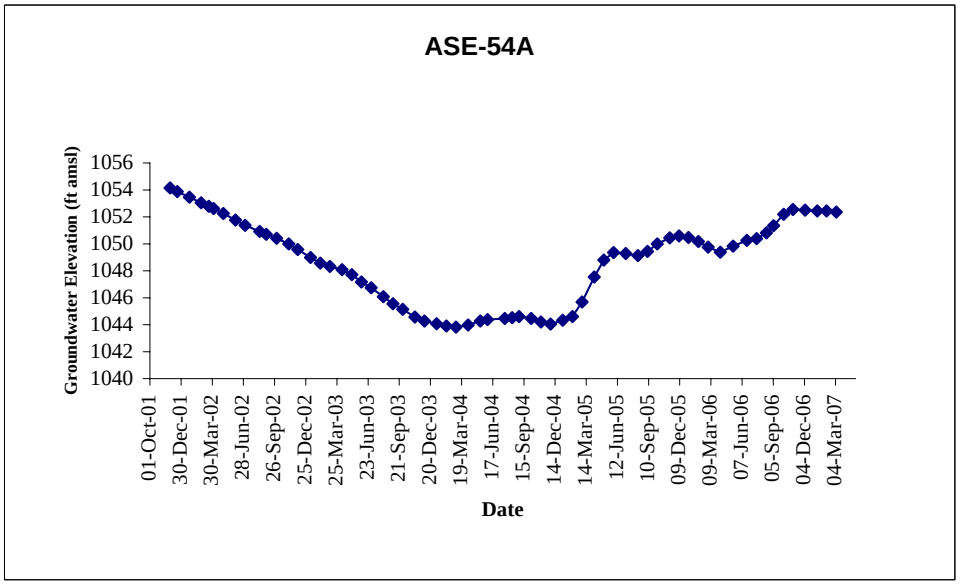

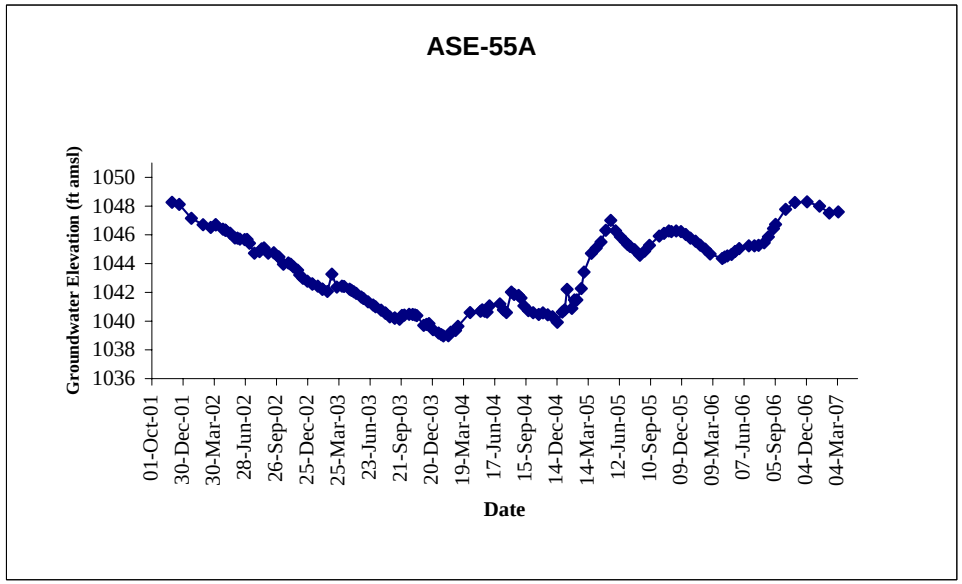

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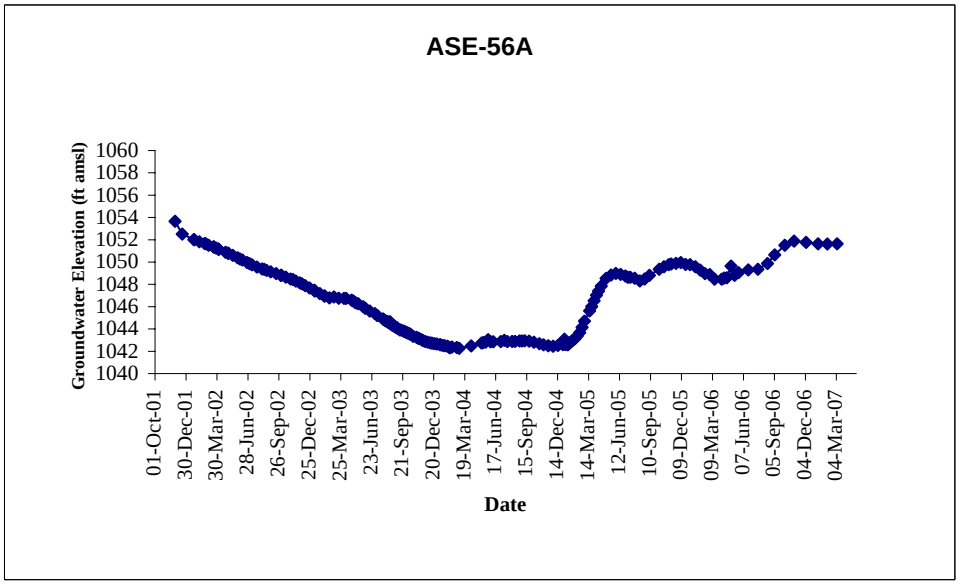

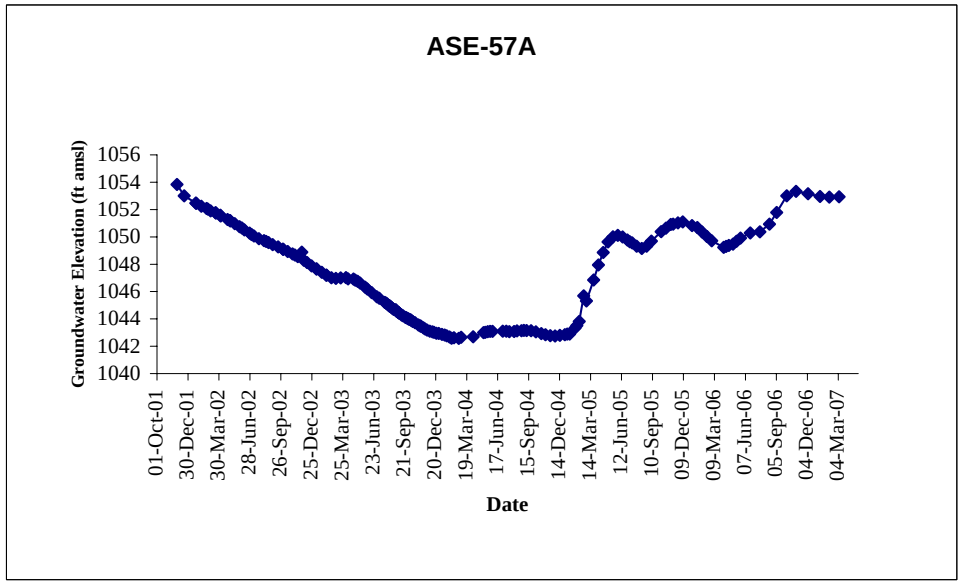

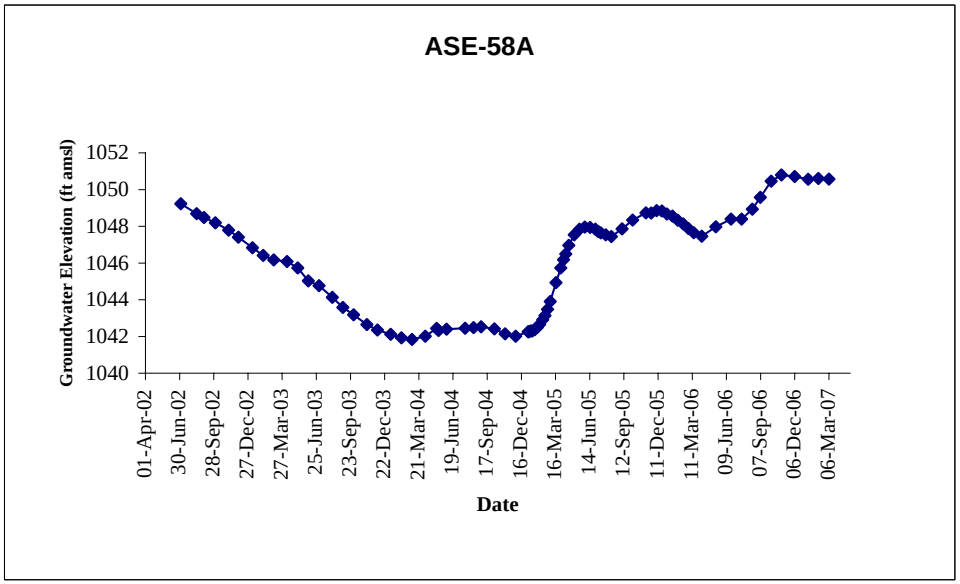

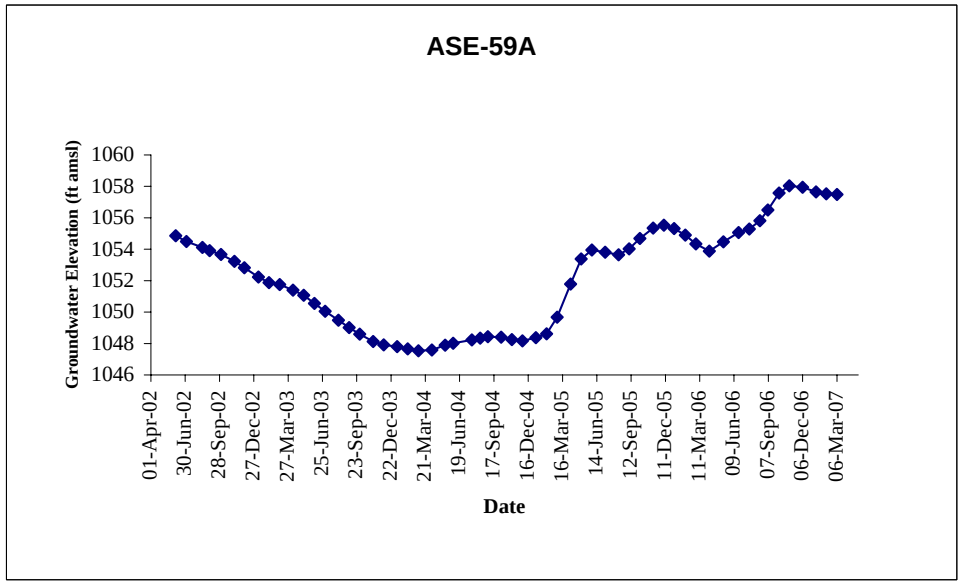

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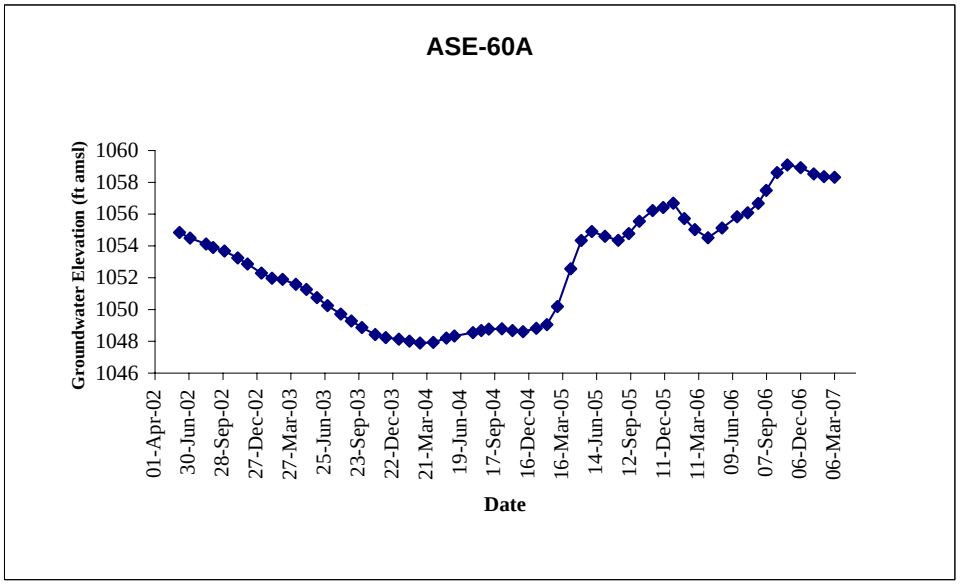

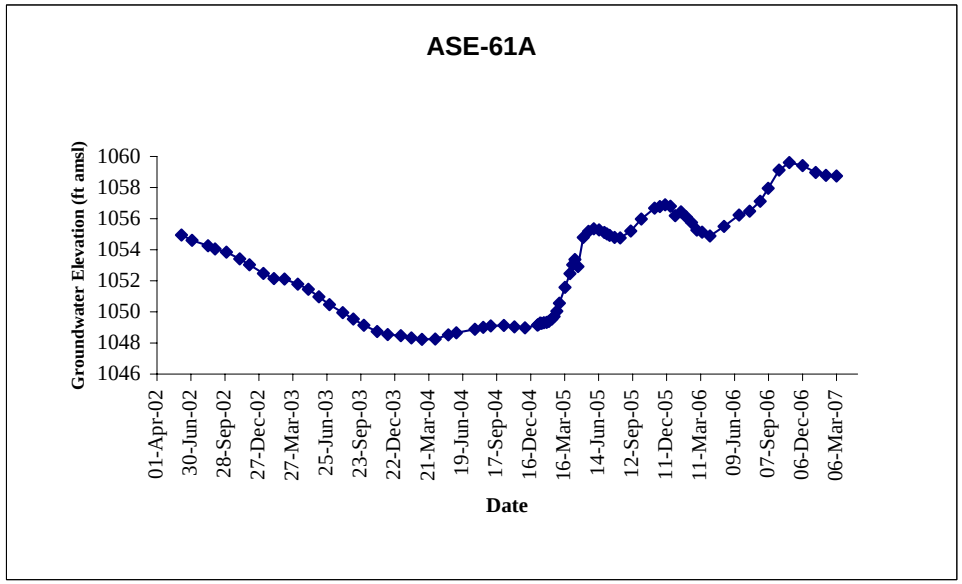

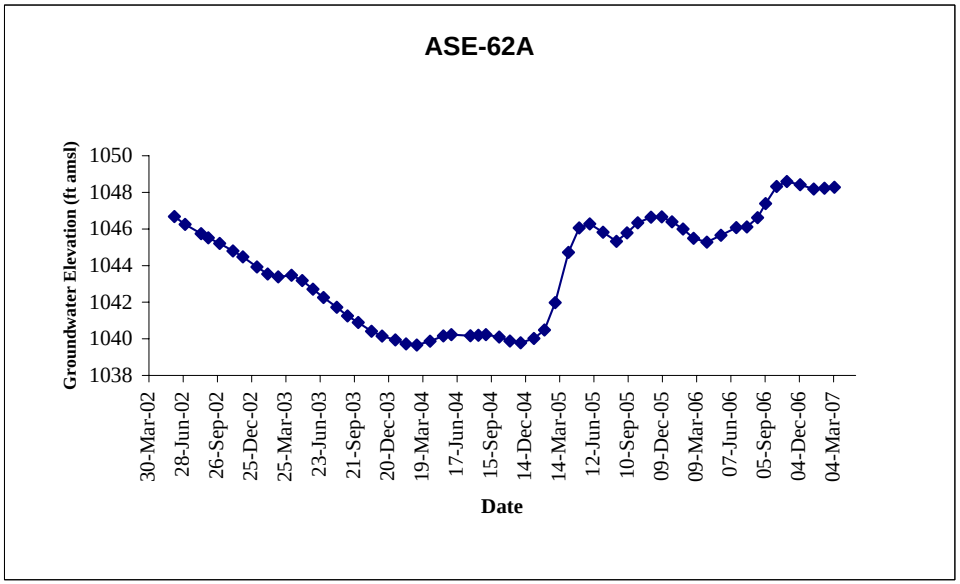

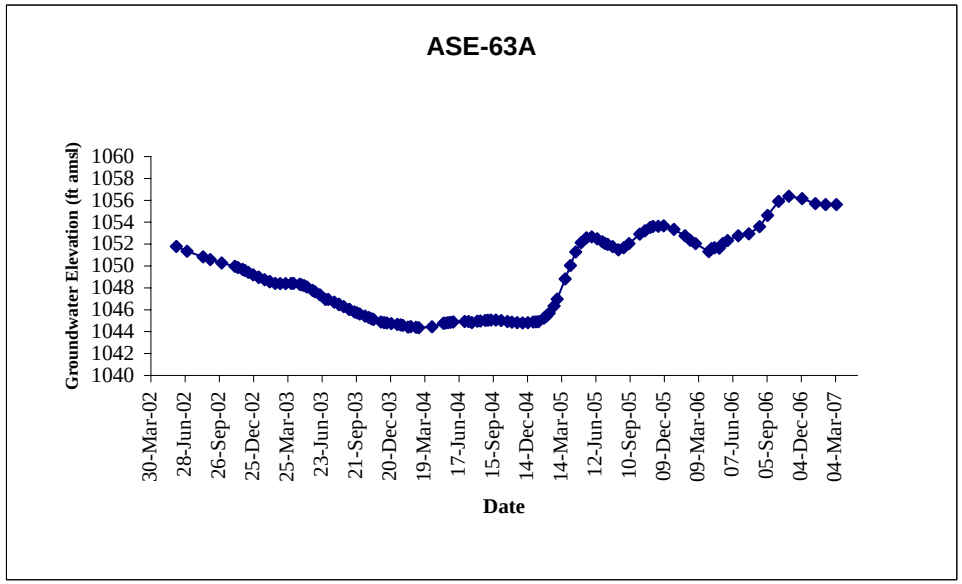

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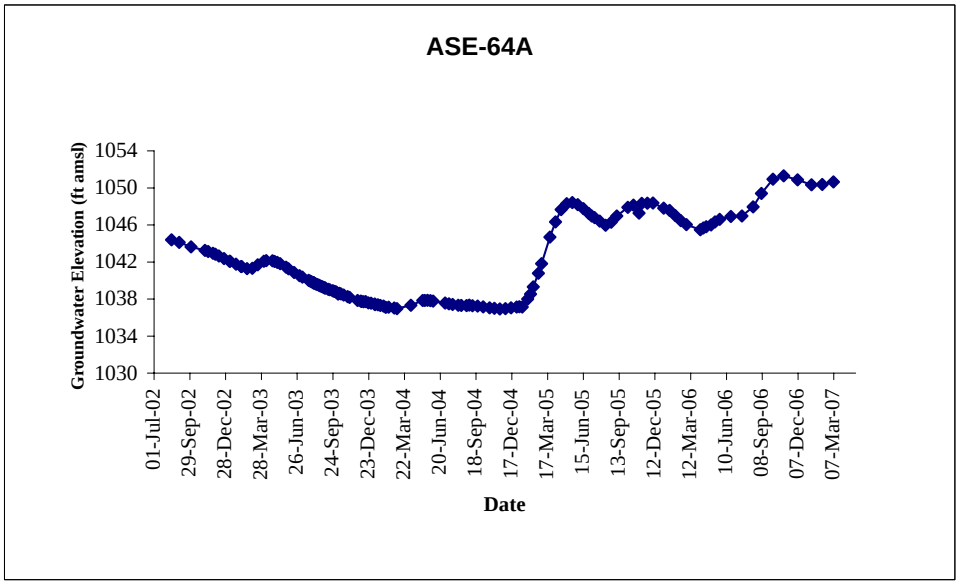

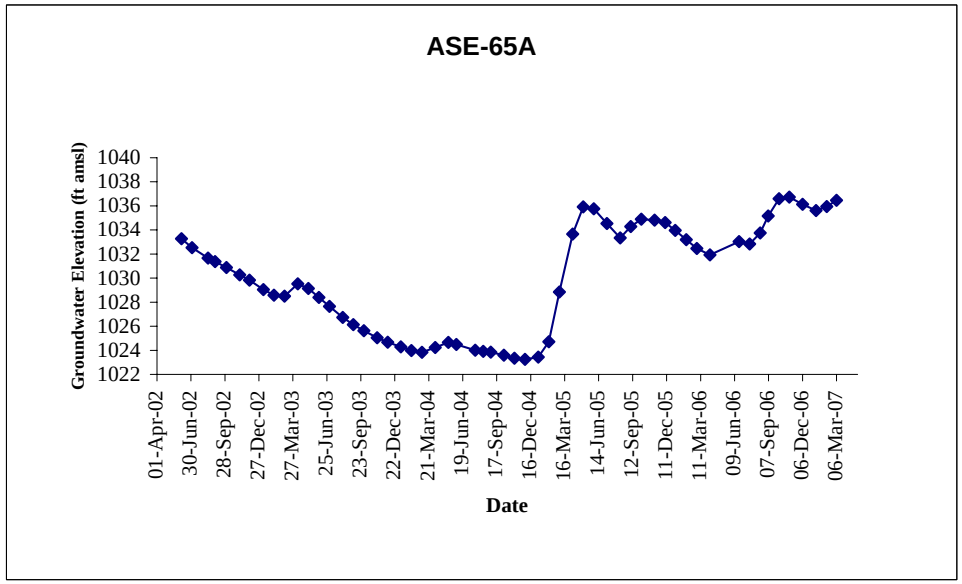

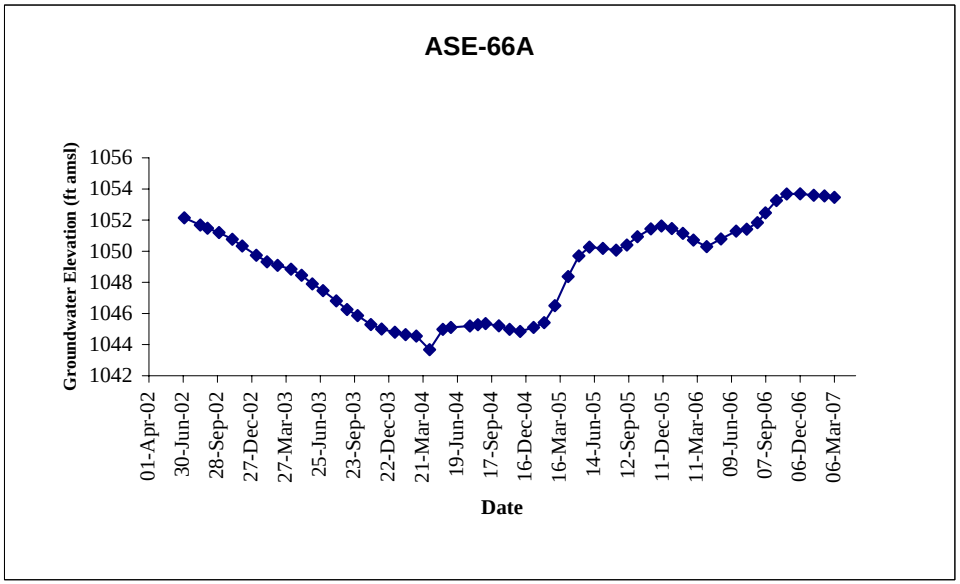

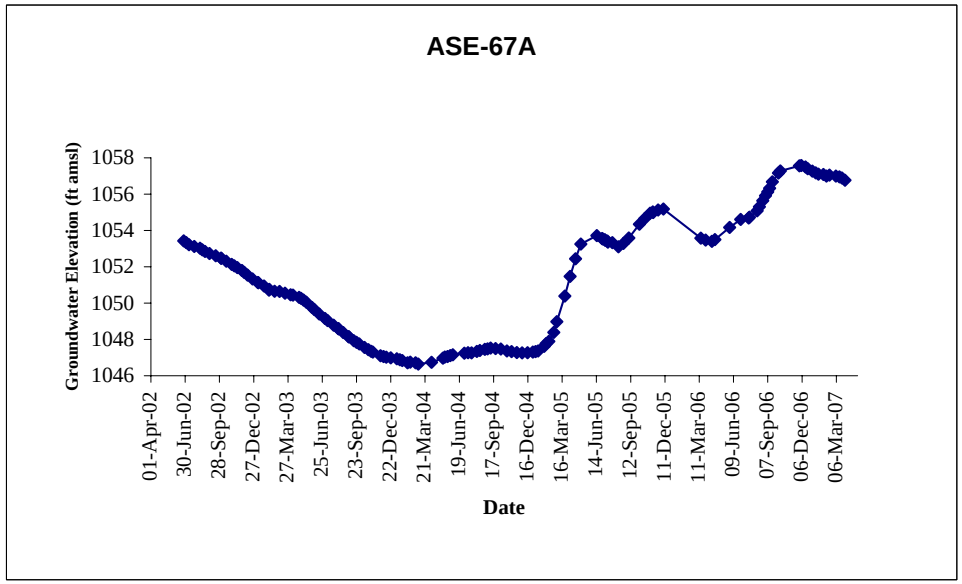

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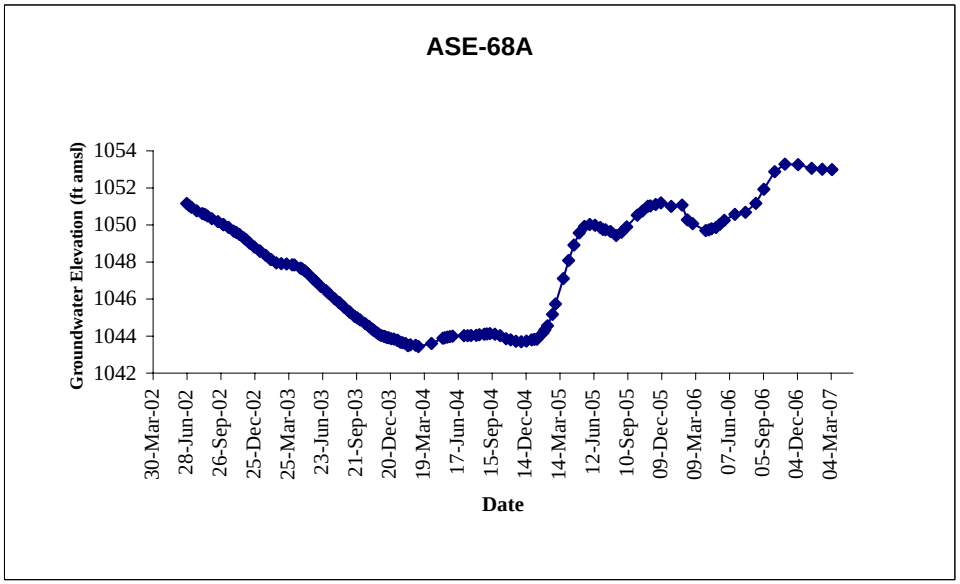

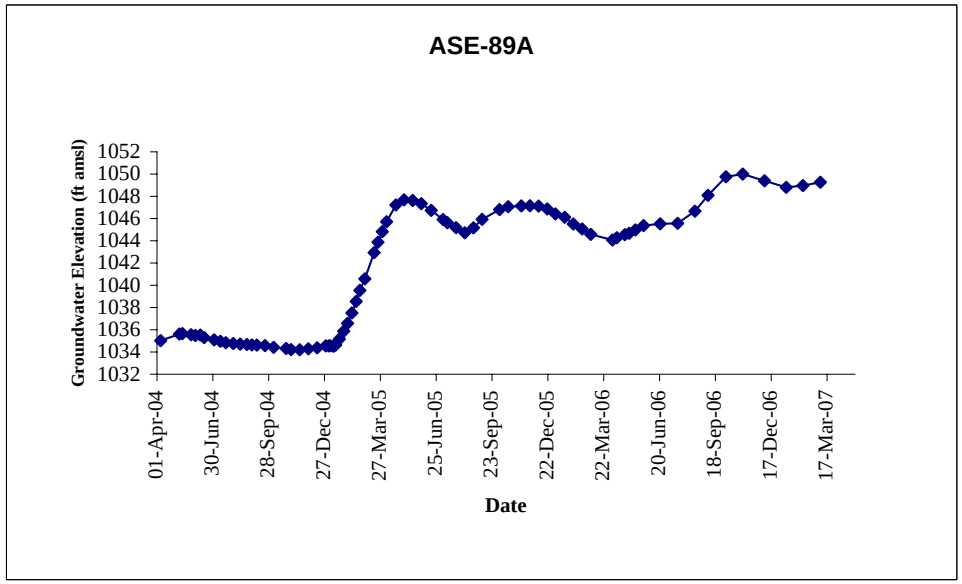

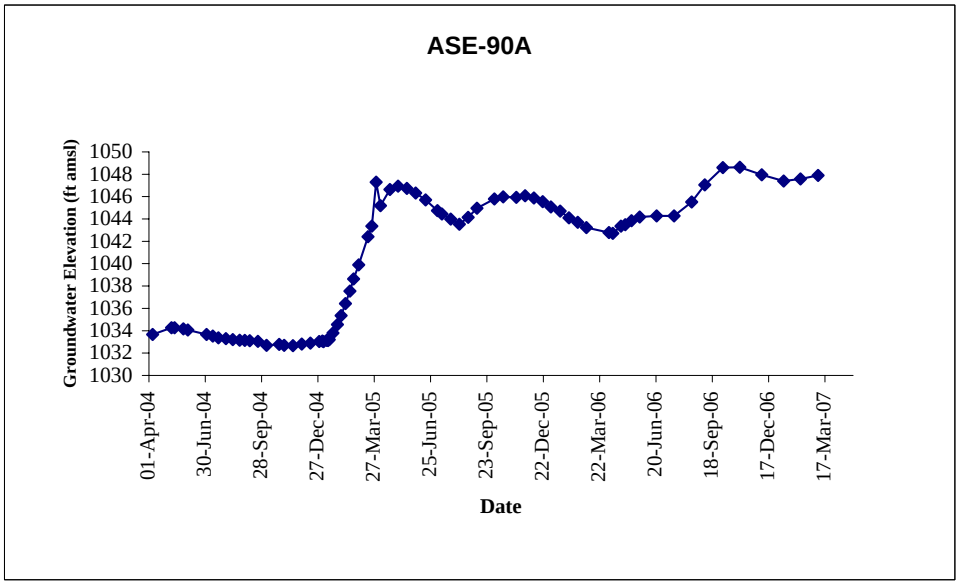

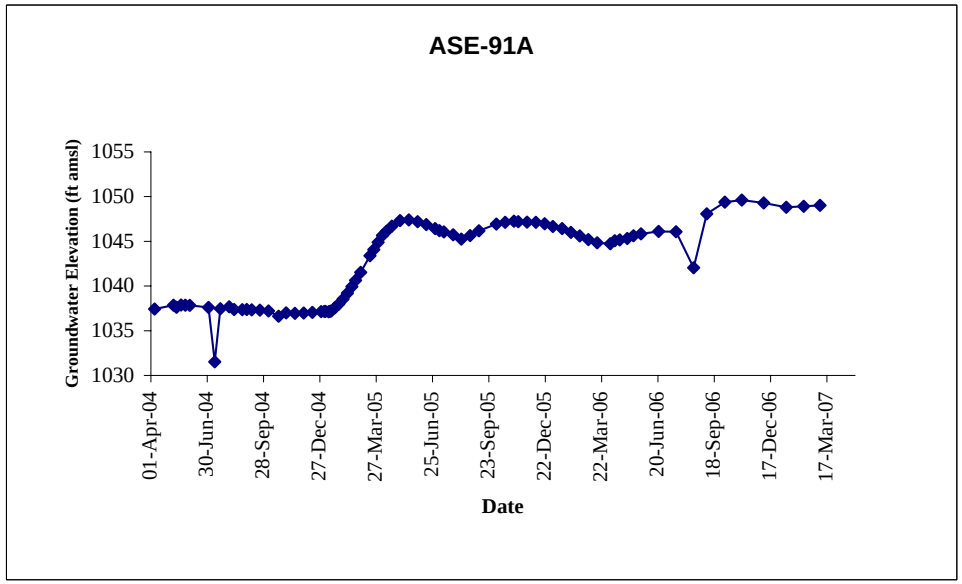

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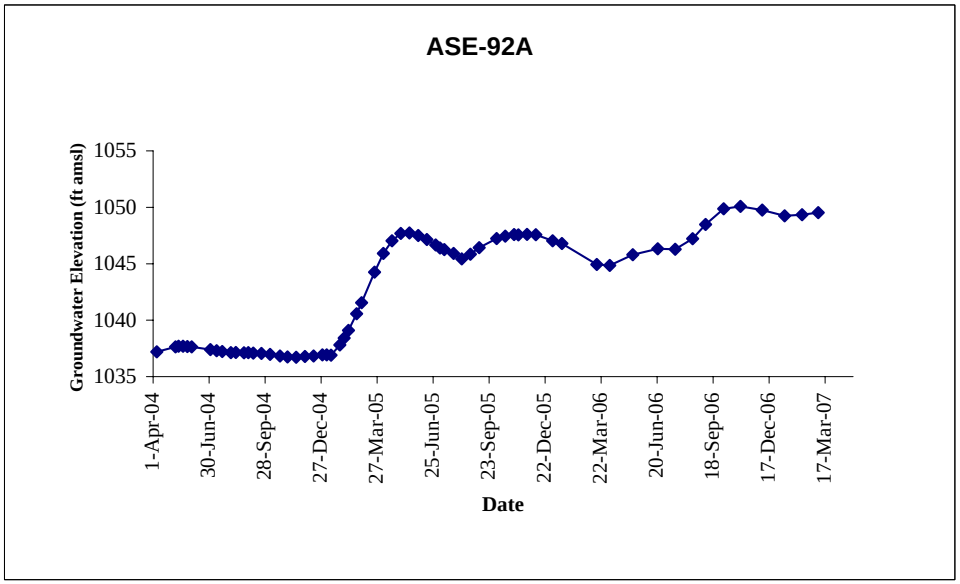

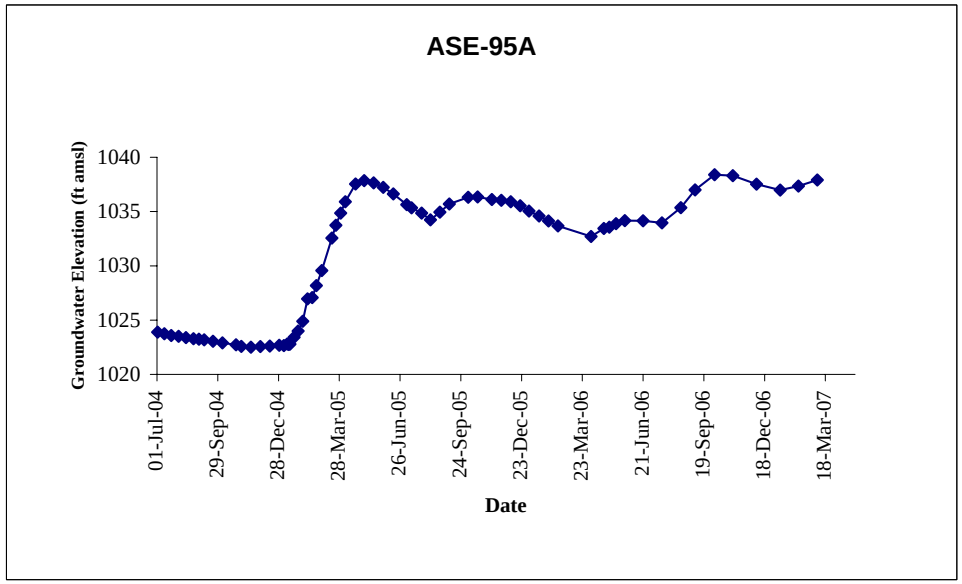

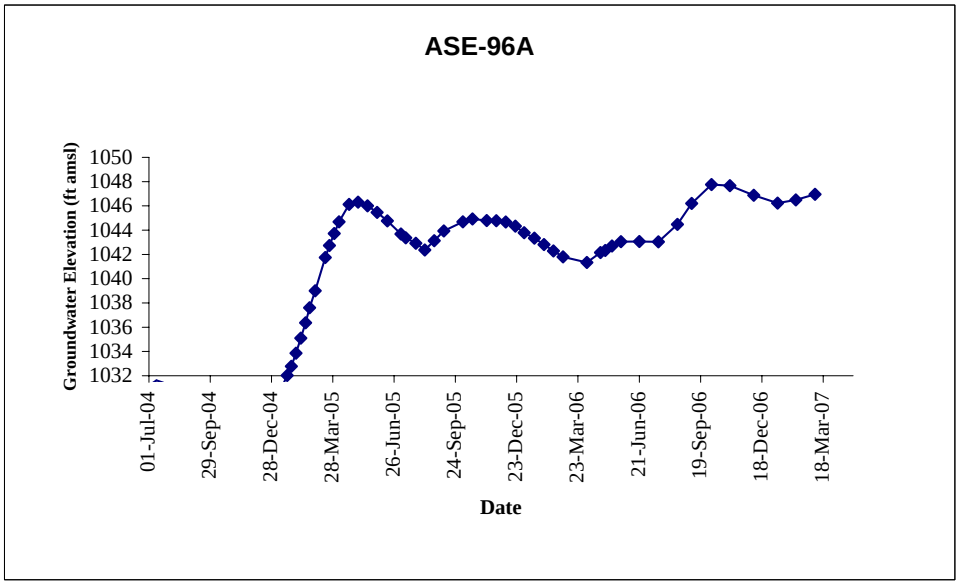

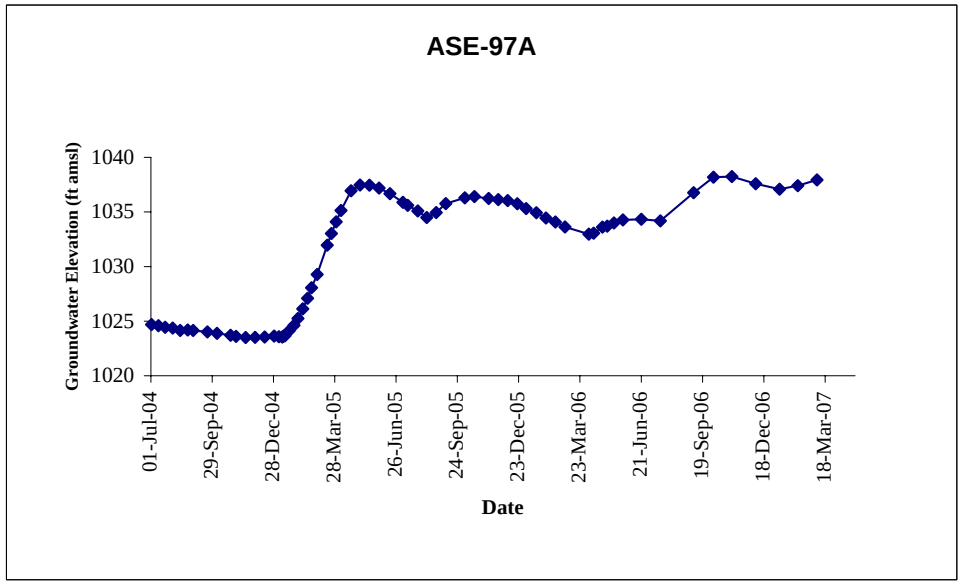

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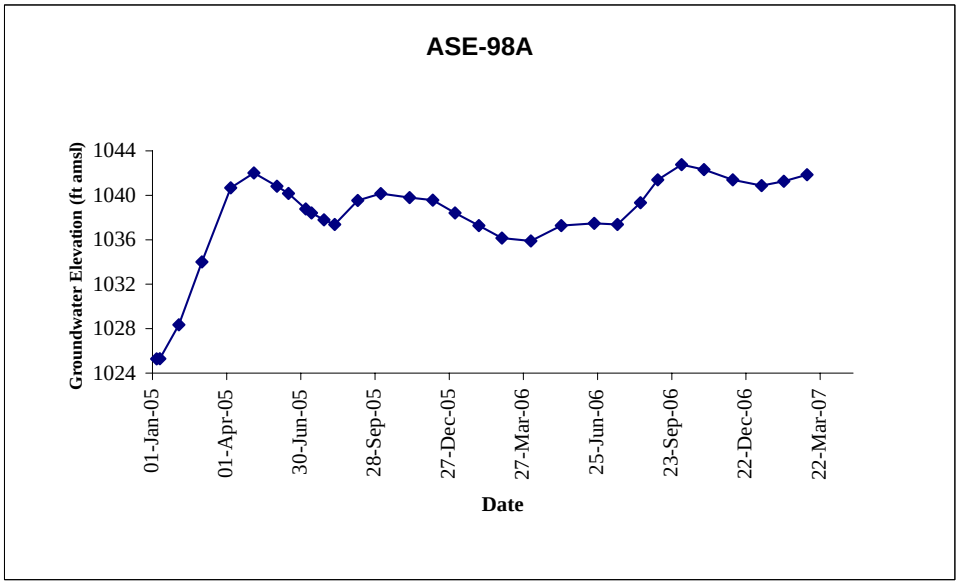
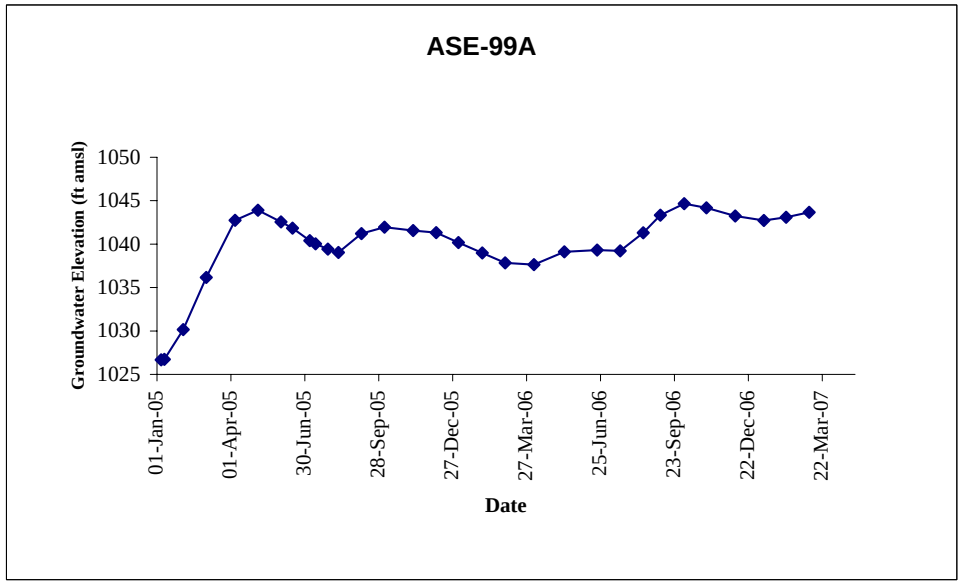
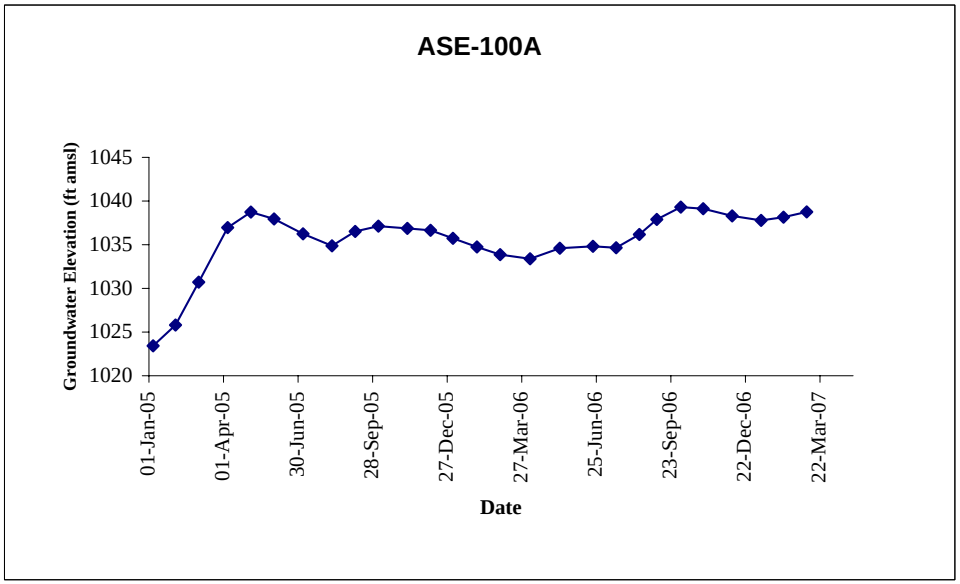
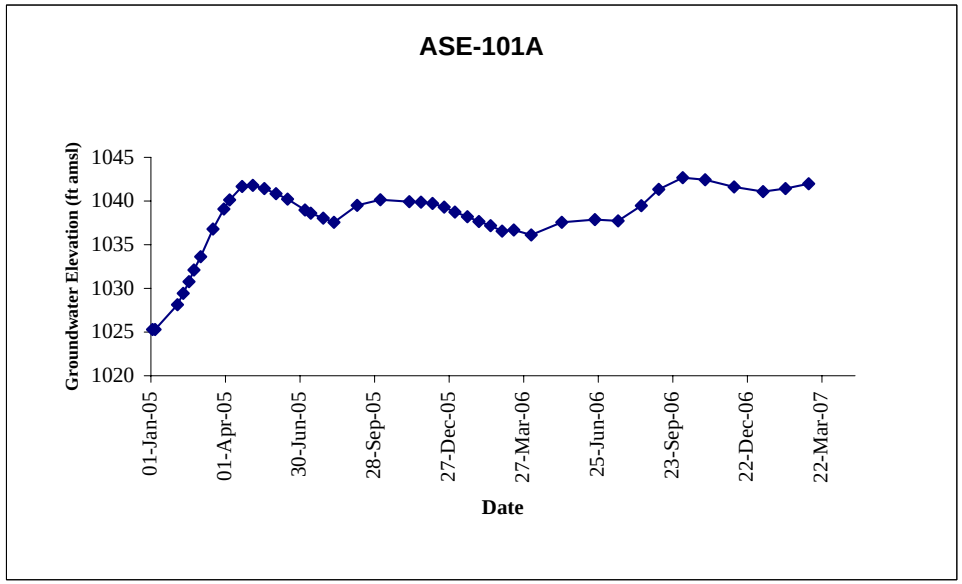
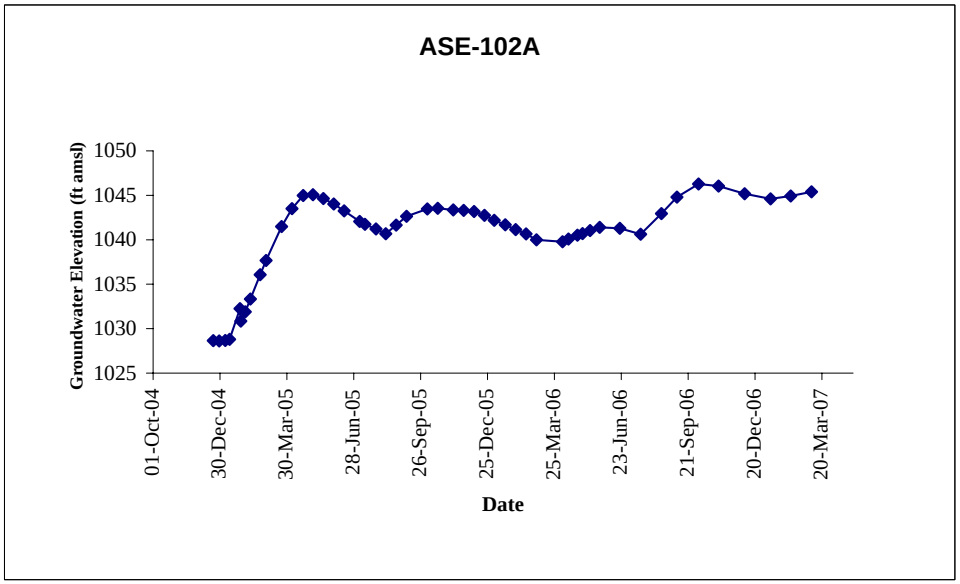


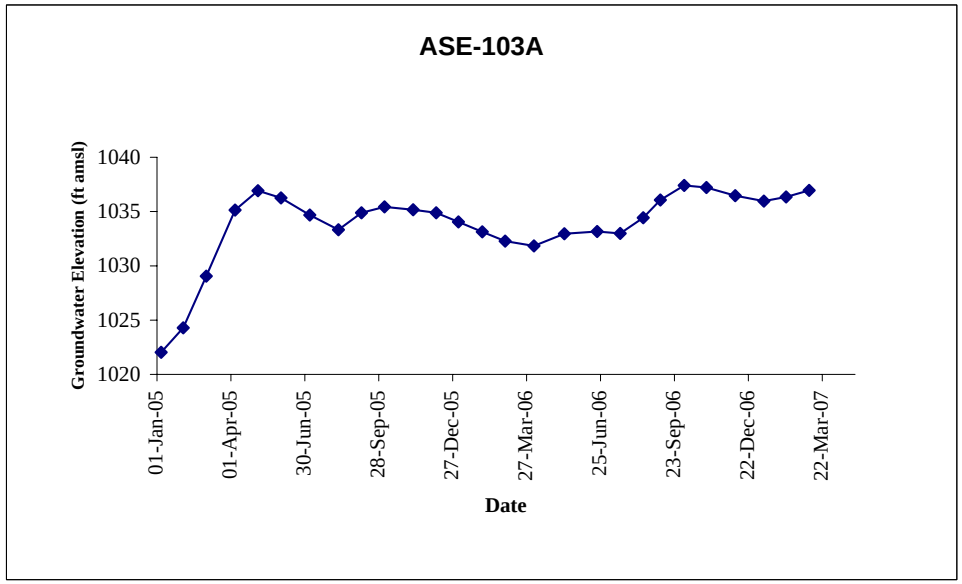


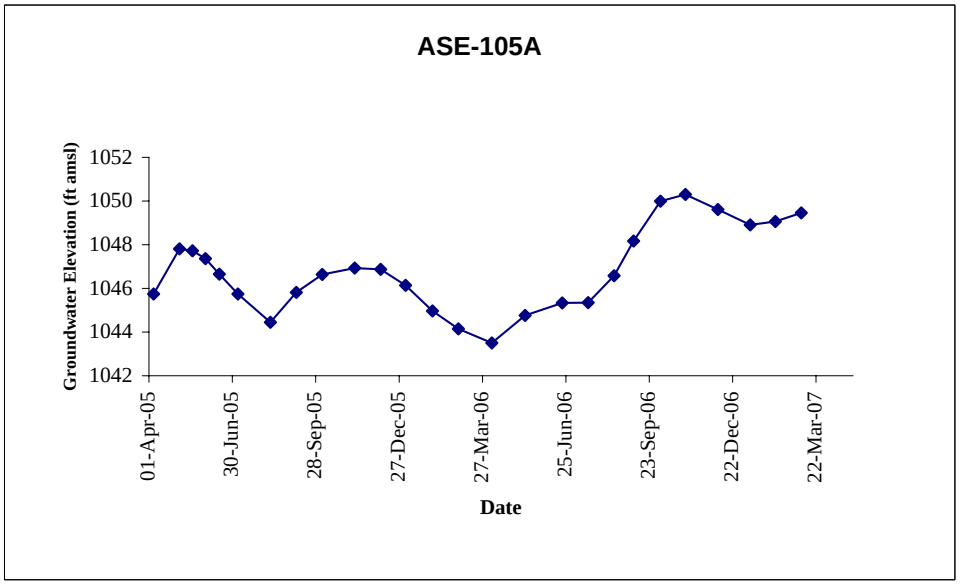


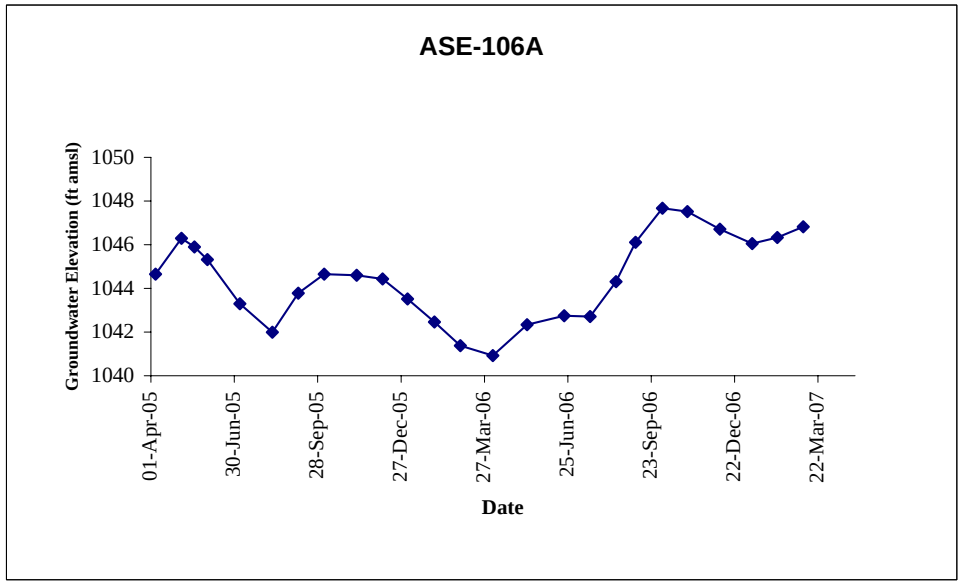


HYDROGRAPHS









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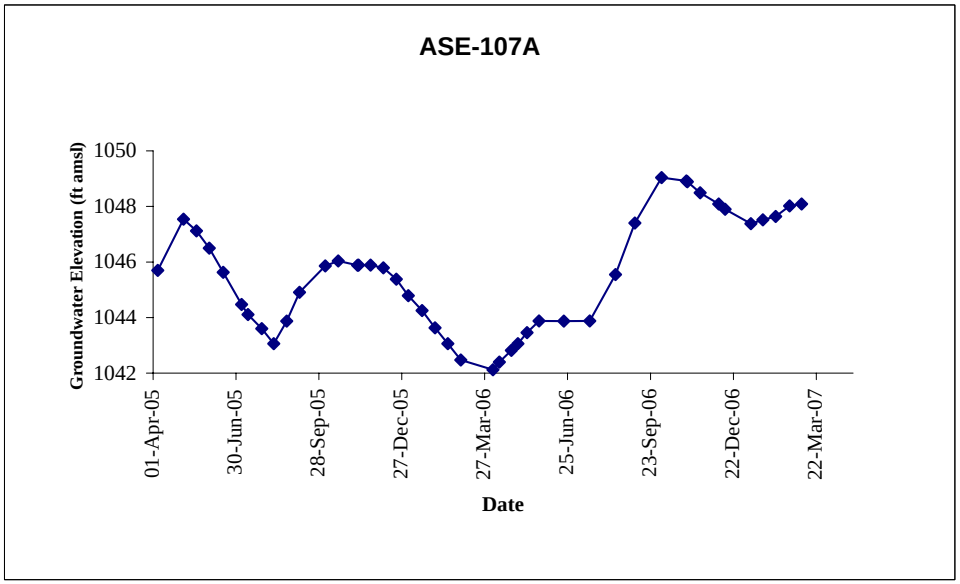

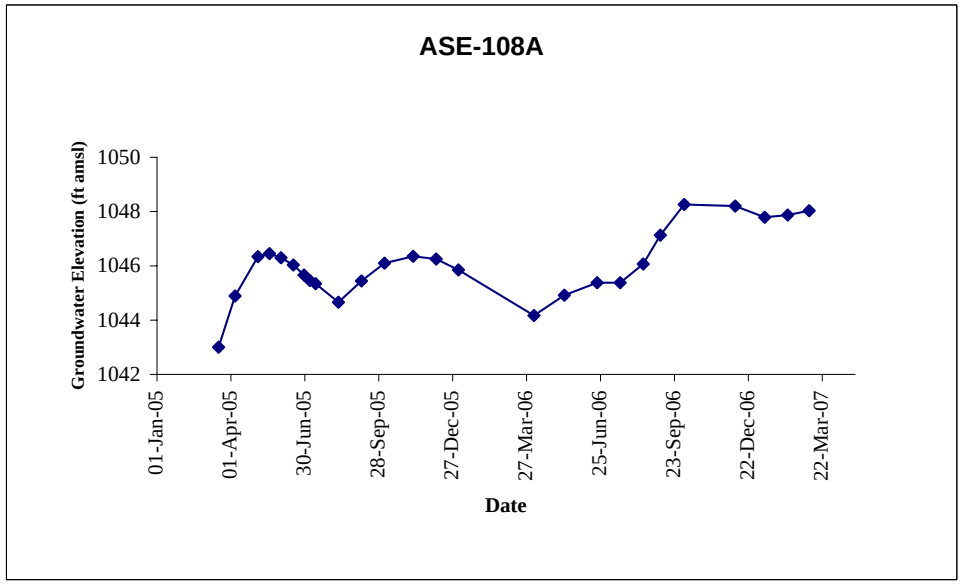

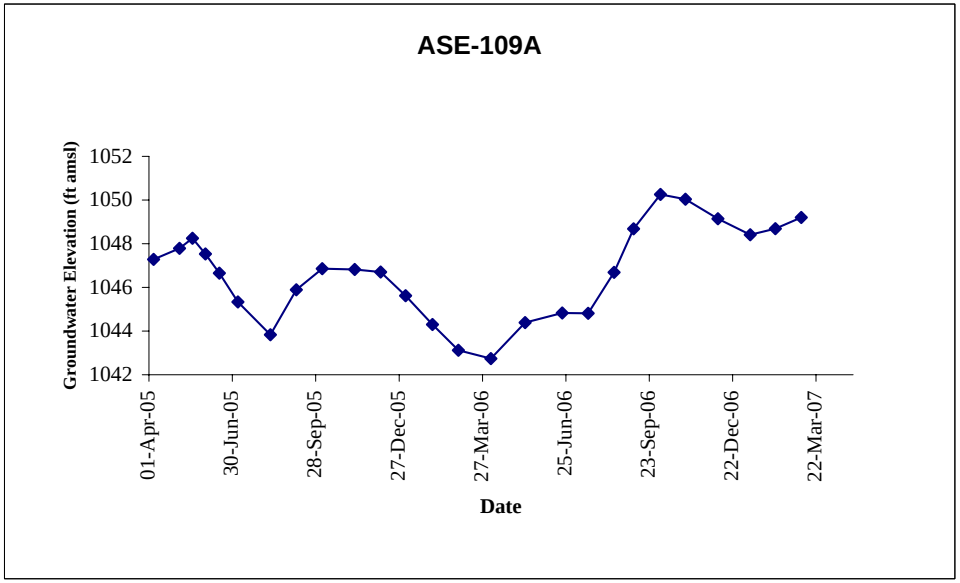

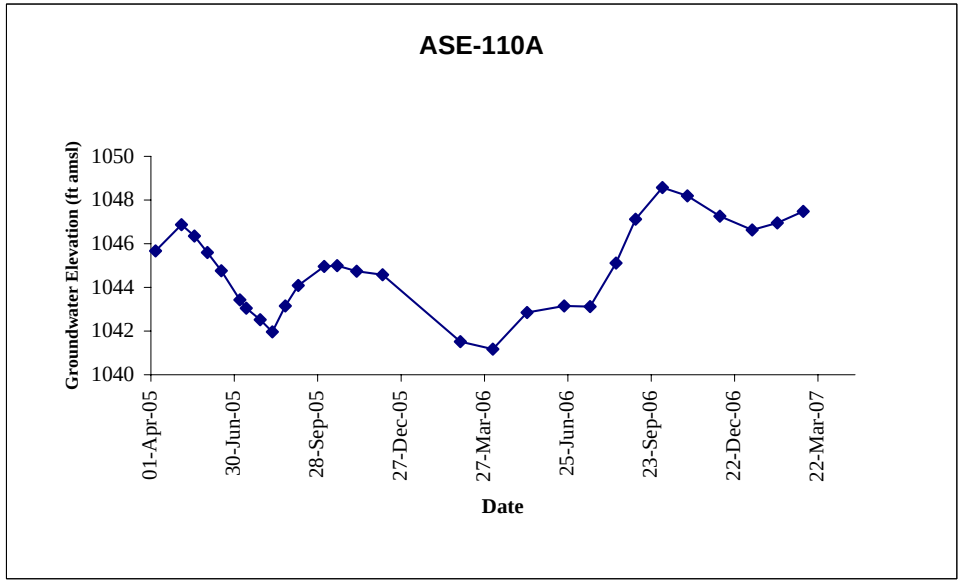

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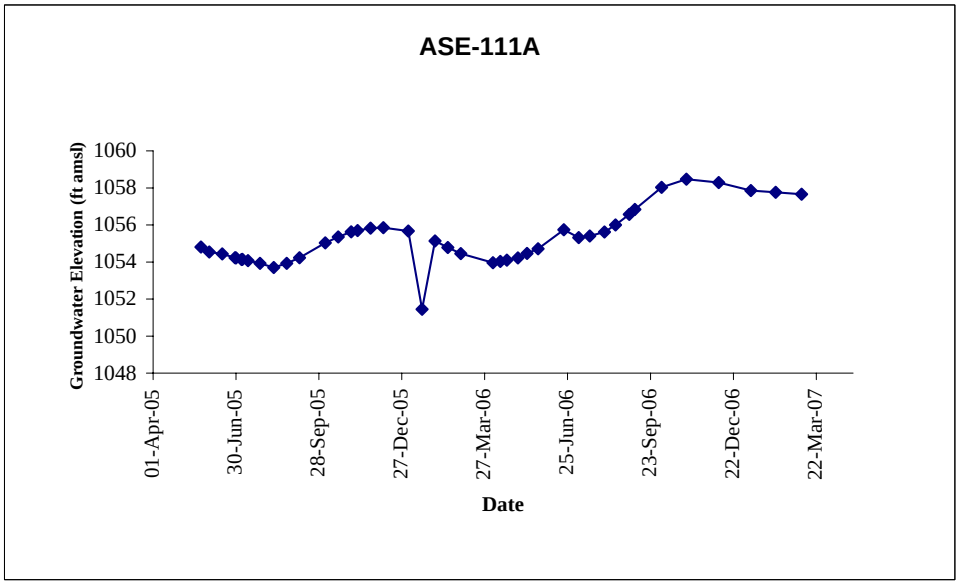

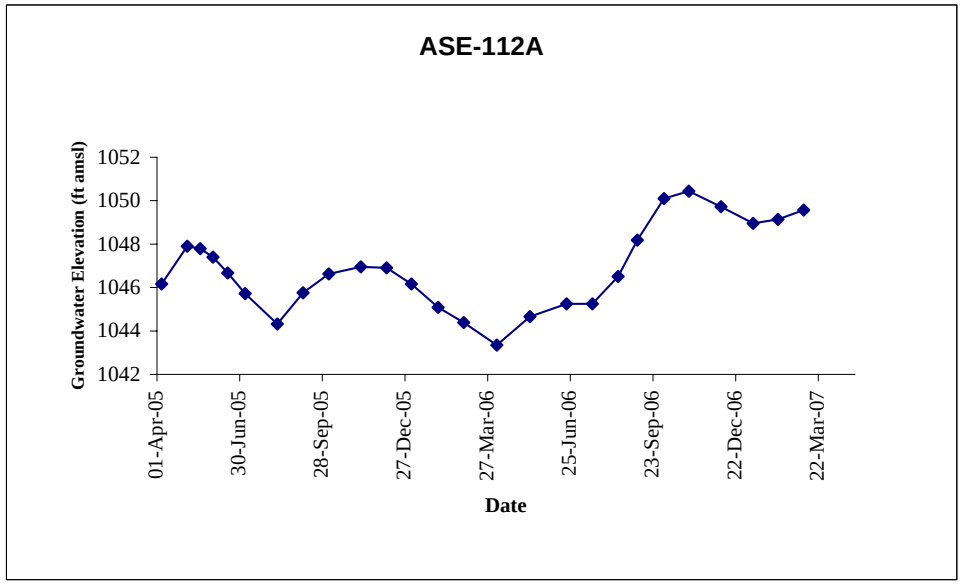

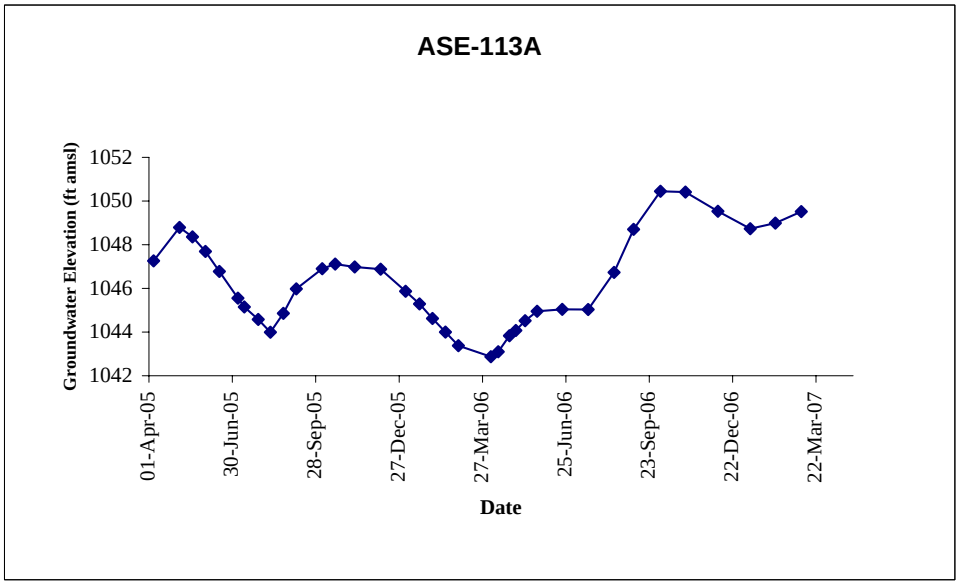

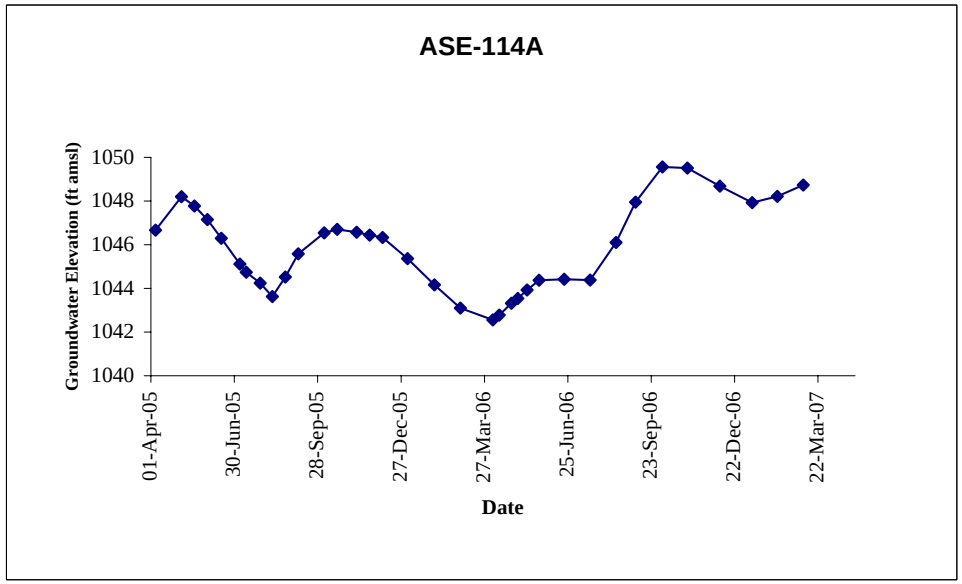

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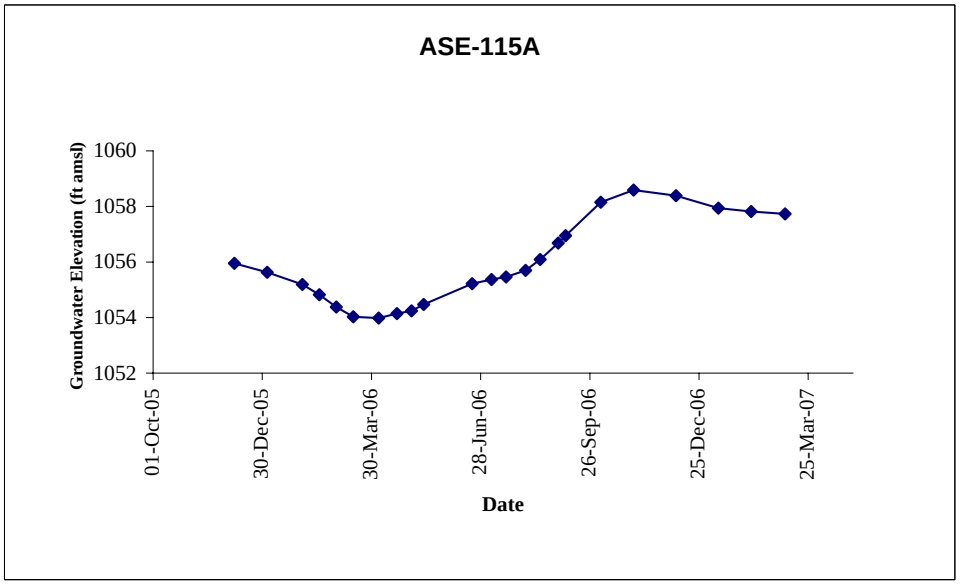

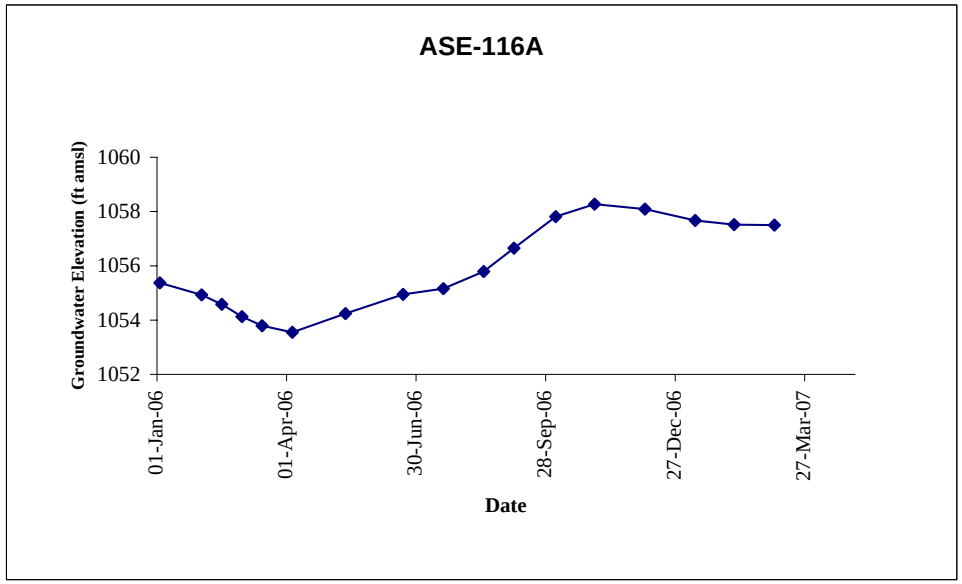

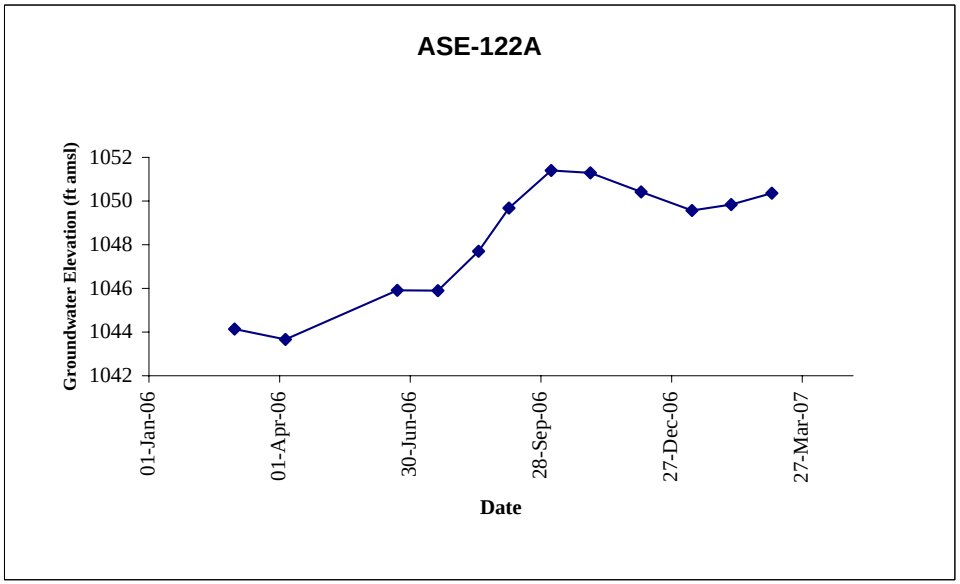

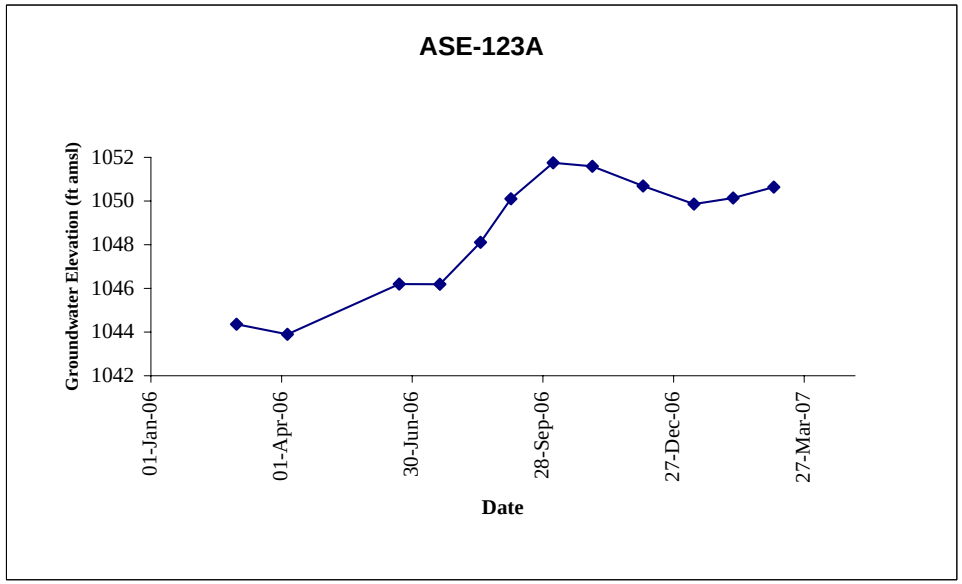

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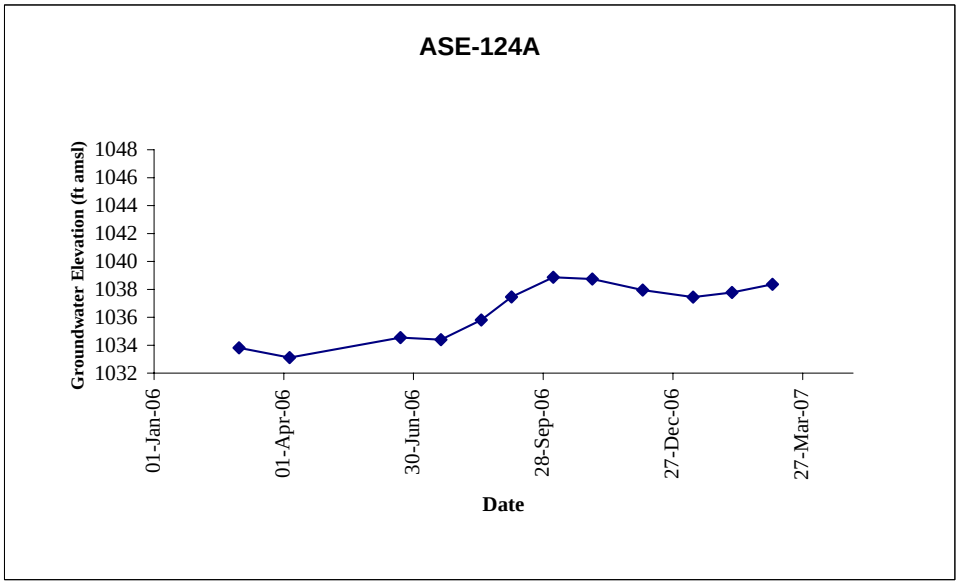

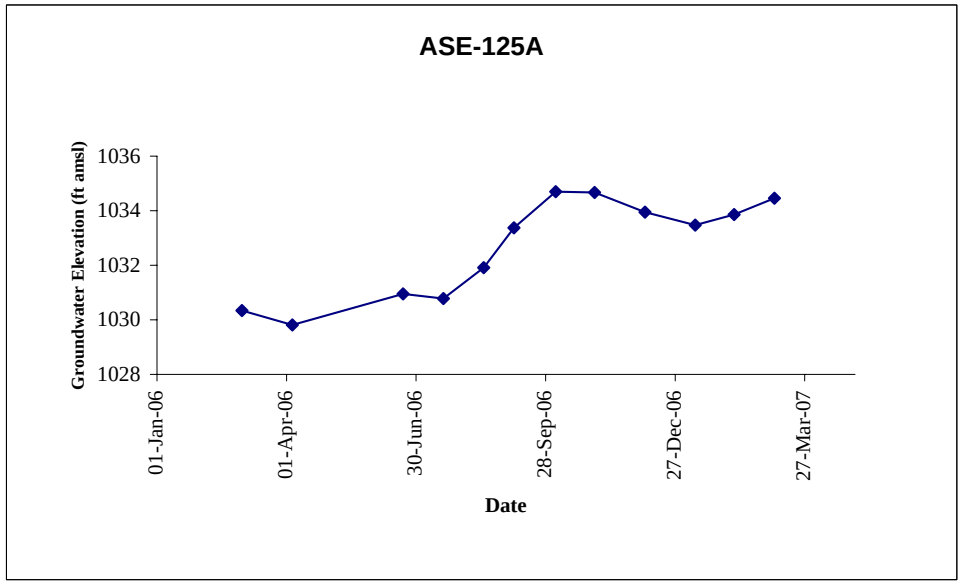

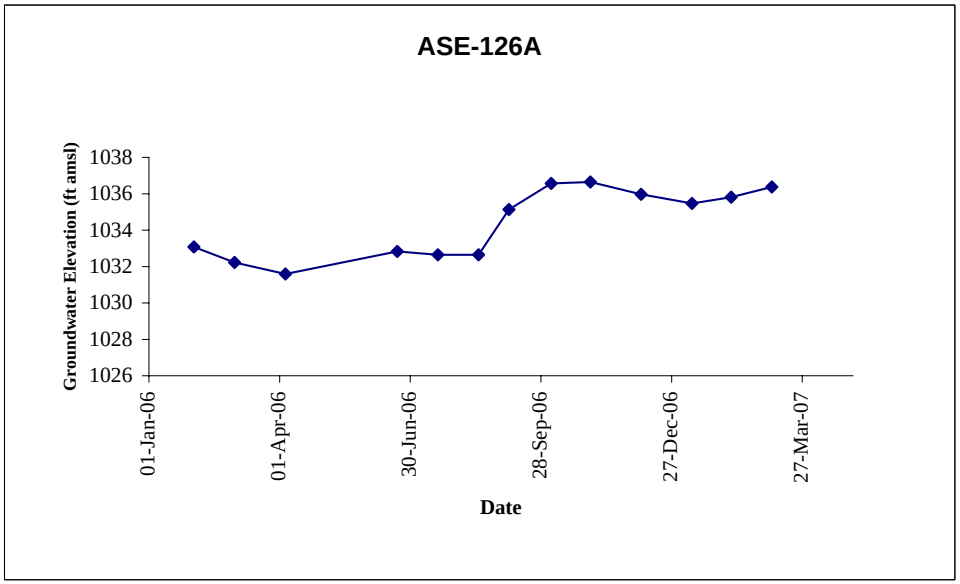

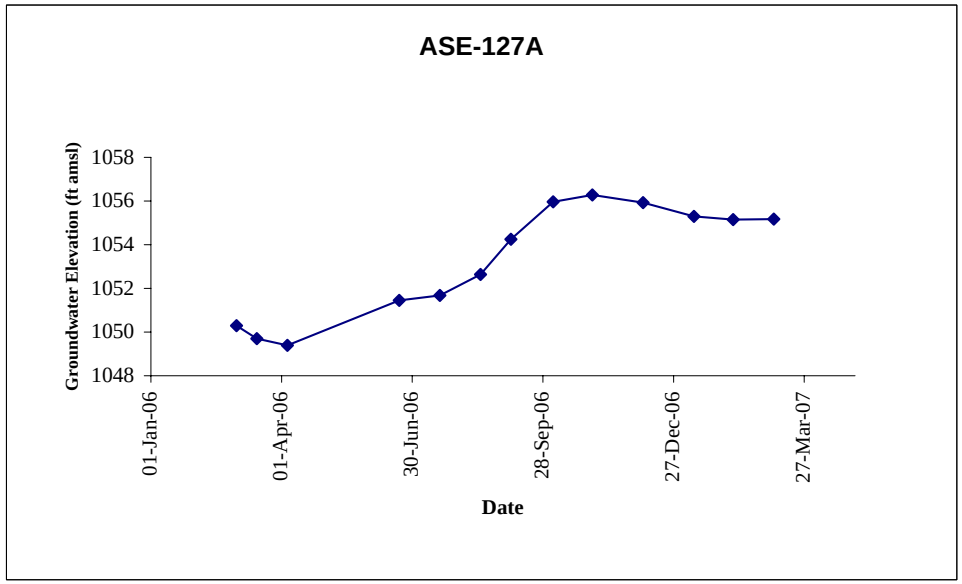

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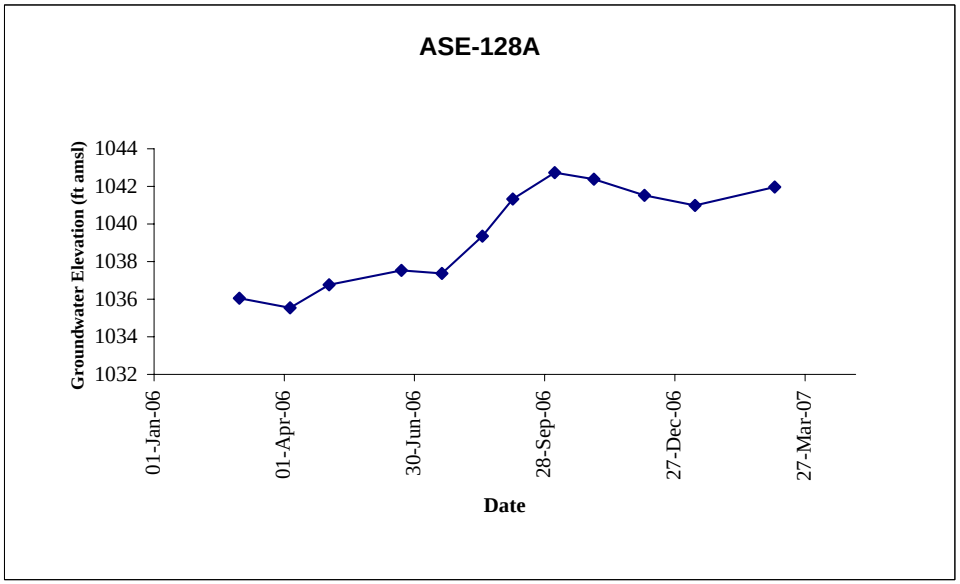

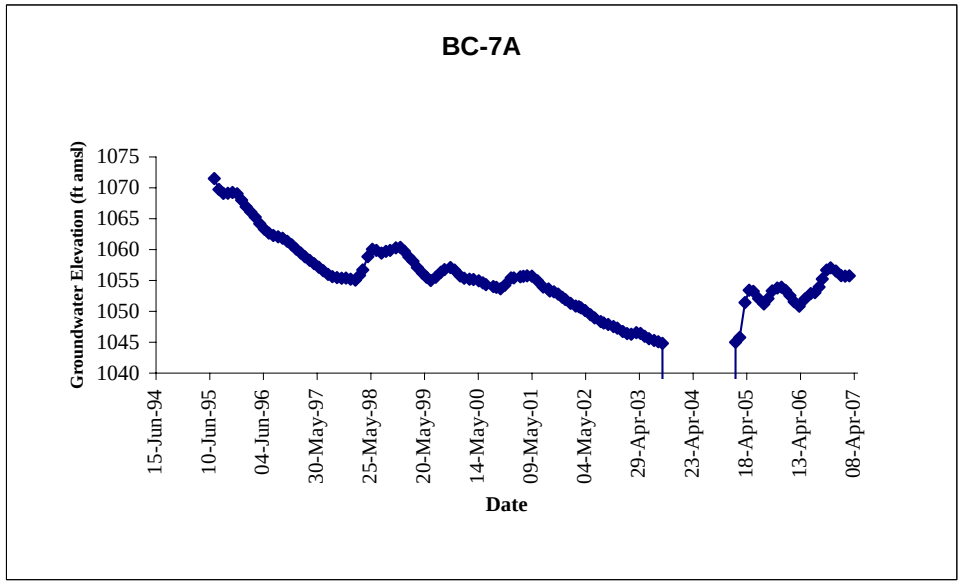

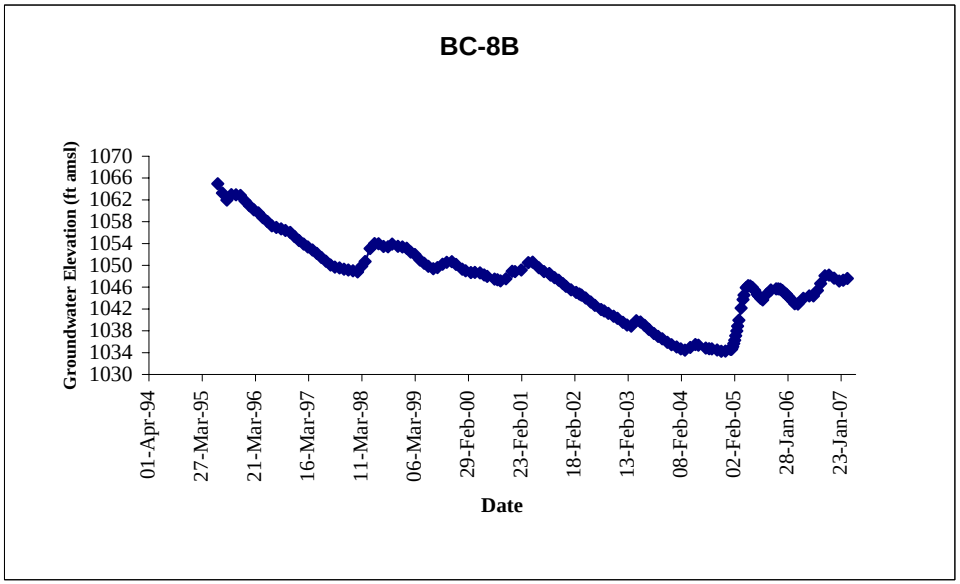

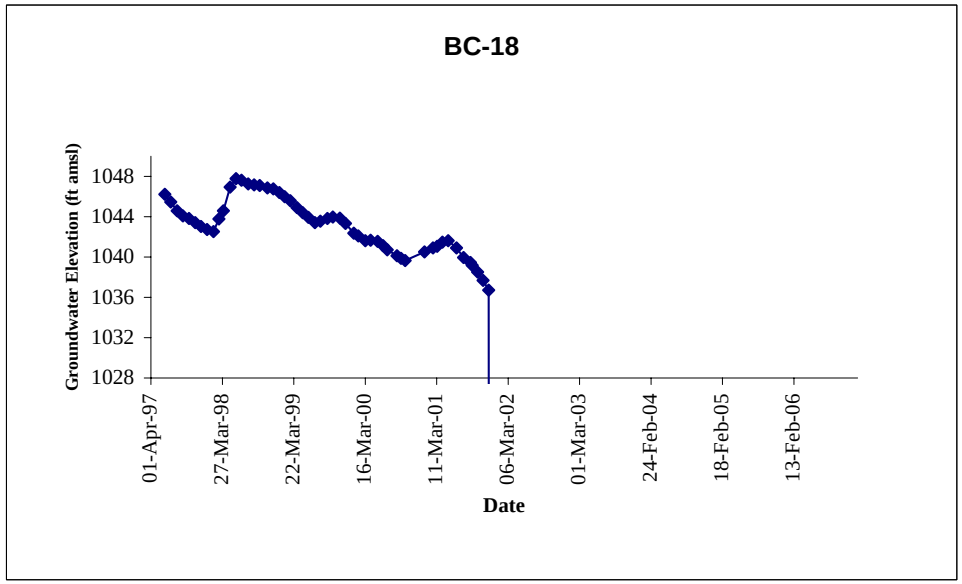

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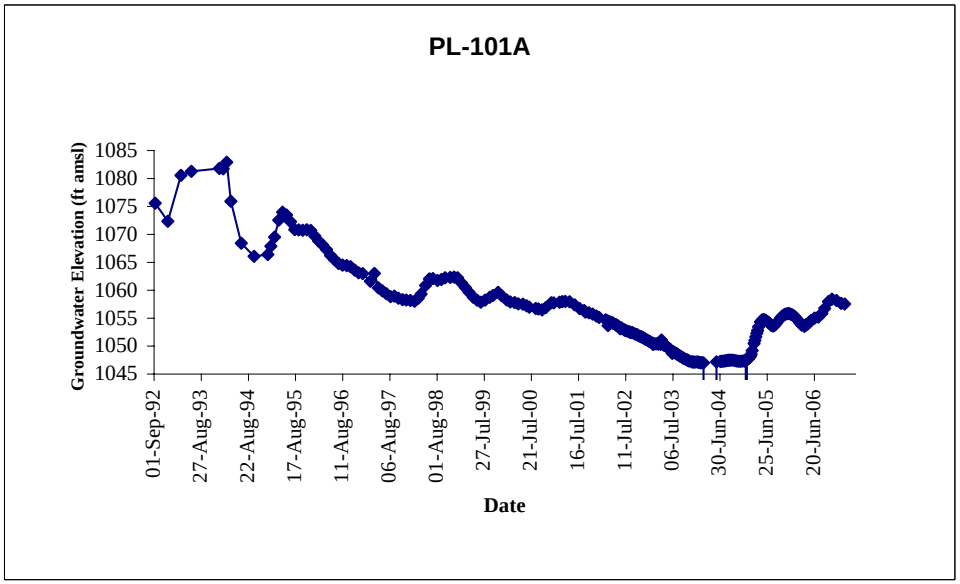

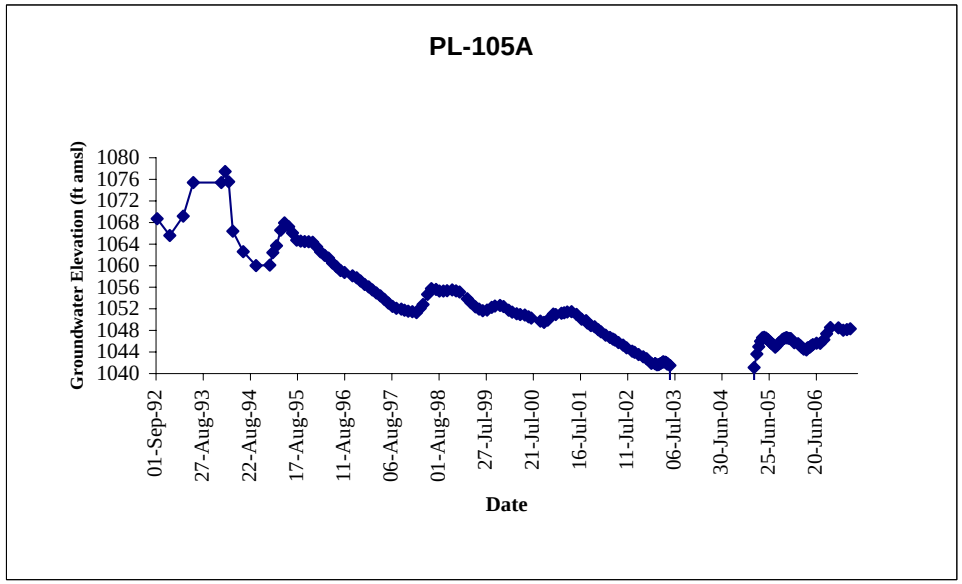

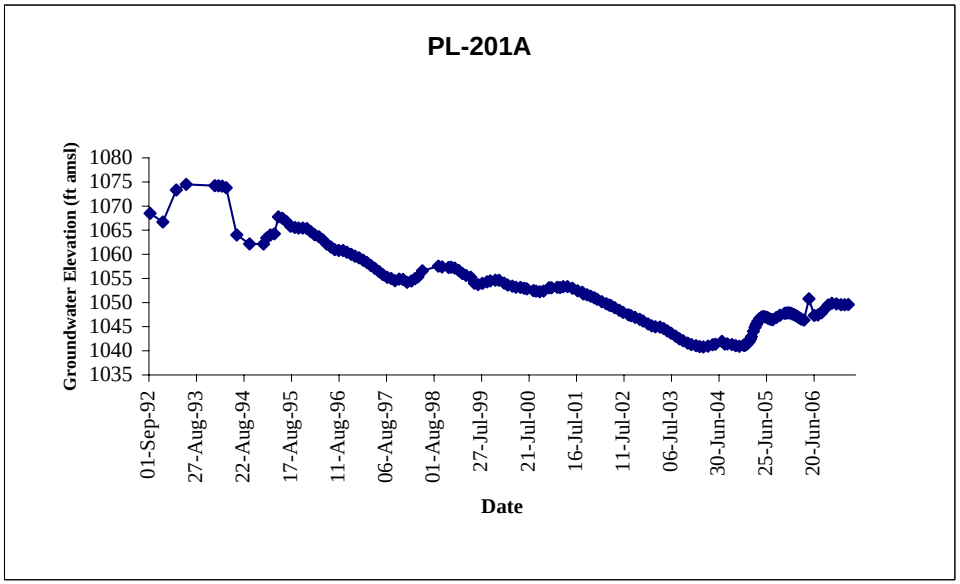

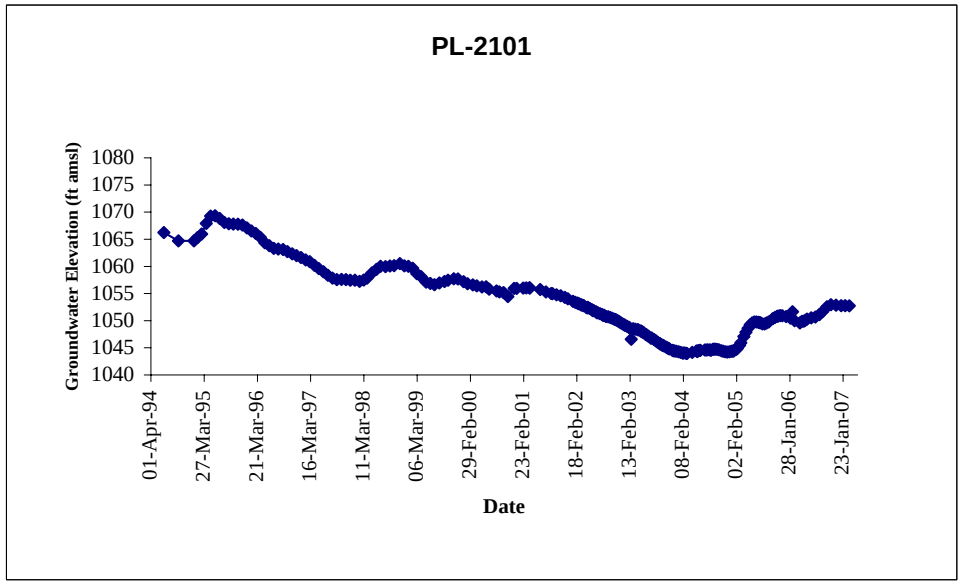

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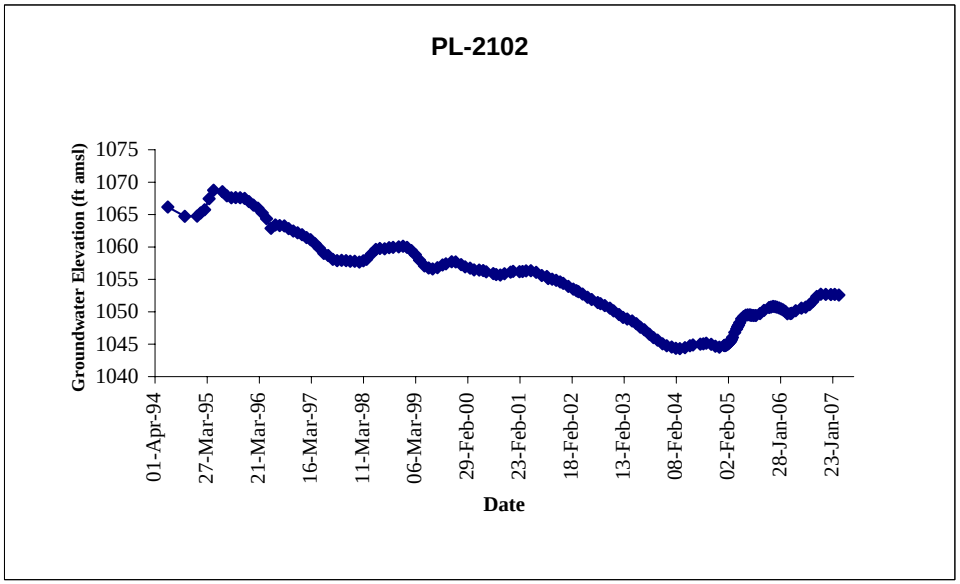

Appendix B
Data Validation and Laboratory Analytical Reports

Honeywell Sky Harbor
First Quarter 2007 Underground Storage Tank Monitoring, Data Quality Evaluation Report

Introduction

The objective of this Data Quality Evaluation (DQE) report is to assess the data quality of analytical results for air and water samples collected for the first quarter 2007 Underground Storage Tank monitoring period at the Honeywell Sky Harbor site. Samples were collected and analyzed in an effort to continue providing a framework for long-term monitoring of the site. The data may also be used to support future activities such as feasibility studies, risk assessments, fate and transport modeling and remedial actions. Individual method requirements, guidelines from the USEPA Contract Laboratory National Functional Guidelines (NFG) for Organic Data Review, October 1999; the USEPA Contract Laboratory NFG for Inorganic Data Review, October 2004; the Honeywell International Inc., Sky Harbor 34th Street Facility, Quality Assurance Project Plan (QAPP), July 2005; and the Honeywell International Inc., Sky Harbor 34th Street Facility, QAPP Addendum, March 2007 were used as the basis for this assessment.

This report is intended as a general data quality assessment designed to summarize data issues.

Analytical Data

This DQE report covers 122 normal water samples, 17 normal air vault samples, 6 ambient air samples, 3 waste characterization (WC) samples, 13 water field duplicates (FD), 3 air vault FDs, 4 equipment blanks (EB), and 15 trip blanks (TB). A list of samples and collection dates is included in Attachment A at the end of this report. Samples were collected between January 16, 2007 and March 23, 2007. These sample results were reported as 13 sample delivery groups (SDG) listed in Table 1. The analyses were performed by Severn Trent Laboratories located in Denver, Colorado (STL-CO) and Columbia Analytical Services located in Simi Valley, California (CAS-SIMI).

Table 1 – SDGs by Laboratory

SDG	Laboratory
D7C140378	STL-CO
D7C150293	STL-CO
D7C150297	STL-CO
D7C160389	STL-CO
D7C190124	STL-CO
D7C220288	STL-CO
D7C220299	STL-CO
D7C230305	STL-CO
D7C240164	STL-CO
D7C240165	STL-CO
P2700136	CAS-SIMI
P2700146	CAS-SIMI
P2700194	CAS-SIMI

Six methods were used to analyze the environmental samples. Samples were collected and shipped by overnight carrier to the laboratories for analysis. Selected samples were analyzed for one or more of the following analytes/methods:

Table 2 – Analytical Parameters		
Parameter	**Method**	**Laboratory**
Volatile Organic Compounds (VOC)	SW8260	STL-CO
Purgeable Organic Compounds	E624	STL-CO
Polynuclear Aromatic Hydrocarbons (PAH)	SW8310	STL-CO
Total Petroleum Hydrocarbons (TPH) (diesel and motor oil)	SW8015	STL-CO
VOC in air	TO-15	CAS-SIMI
VOC in ambient air	TO-15 SIM	CAS-SIMI

Data validation was performed in accordance with the USEPA Contract Laboratory NFG for Inorganic Data Review (2004) and Contract Laboratory NFG for Organic Data Review (1999), substituting the calibration and quality control requirements specified in the Sky Harbor QAPP for those specified in the NFG.

Ninety percent of the data were validated per Level II data validation requirements which include the following items:

- A review of the data set narrative to identify any issues that the lab reported in the data deliverable.
- A check of sample integrity (sample collection, preservation, and holding times).
- An evaluation of basic quality control (QC) measurements used to assess the accuracy, precision and representativeness of data including QC blanks, laboratory control sample/laboratory control sample duplicates (LCS/LCSD), matrix spikes/matrix spike duplicates (MS/MSD), surrogate recovery when applicable, and field or laboratory duplicate results.
- A review of sample results, target compound lists, and detection limits to verify that project analytical requirements are met.
- Initiation of corrective actions, as necessary, based on the data review findings.
- Qualification of the data using appropriate qualifier flags, as necessary, to reflect data usability limitations.

Ten percent of the data were validated per Level IV data validation requirements which include the Level II requirements plus the following items:

- Evaluation of calibration and quality control summary results against the project requirements.
- Other method specific QC requirements.

- Verification of analyte identification and calculations.

Field samples were also reviewed to ascertain field compliance and data quality issues. This included a review of FDs, EBs and TBs.

Data flags are assigned according to the Sky Harbor QAPP. These flags, as well as the reason for each flag, are entered into the electronic database. Multiple flags are routinely applied to specific sample method/matrix/analyte combinations, but there will be only one final flag. A final flag is applied to the data and is the most conservative of the applied validation flags. The final flag also includes matrix and blank sample impacts.

The data flags are defined below:

- J = Analyte was present but reported value may not be accurate or precise.
- R = The result was rejected.
- U = This analyte was analyzed for but not detected at the specified detection limit.
- UJ = The analyte was not detected above the detection limit objective. However, the reported detection limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample

Findings

The overall summaries of the data validation findings are contained in the following sections below and summarized in Table 6.

Holding Times

All holding-time criteria were met.

Sample Quantitation

Methods TO-15, TO-15 SIM and SW8015 were reported to the method detection limit (MDL) and all Sky Harbor QAPP and QAPP Addendum reporting limit (RL) objectives were met for all undiluted analyses with either the laboratory RL or MDL.

Methods SW8260, E624 and SW8310 were reported to the RL and all Sky Harbor QAPP and QAPP Addendum RL objectives were met for all undiluted analyses with the exception of the samples listed in Table 3. The samples listed in Table 3 were not detected for the listed analytes, however the QAPP RL objectives were not met with the laboratory RL.

Table 3 - RL Objective Exceedances

Method	Sample ID	Analyte	QAPP RL (ug/L)	Report RL (ug/L)
SW8310	ASE-122A-7A1	Acenaphthene	0.1	1
SW8310	ASE-123A-7A1	Acenaphthene	0.1	1
SW8310	ASE-124A-7A1	Acenaphthene	0.1	1

Table 3 - RL Objective Exceedances				
Method	**Sample ID**	**Analyte**	**QAPP RL (ug/L)**	**Report RL (ug/L)**
SW8310	ASE-125A-7A1	Acenaphthene	0.1	1
SW8310	ASE-126A-7A1	Acenaphthene	0.1	1
SW8310	ASE-127A-7A1	Acenaphthene	0.1	1
SW8310	ASE-128A-7A1	Acenaphthene	0.1	1
SW8310	PL-503-7A1	Acenaphthene	0.1	1
SW8310	ASE-122A-7A1	Anthracene	0.1	0.3
SW8310	ASE-123A-7A1	Anthracene	0.1	0.3
SW8310	ASE-124A-7A1	Anthracene	0.1	0.3
SW8310	ASE-125A-7A1	Anthracene	0.1	0.3
SW8310	ASE-126A-7A1	Anthracene	0.1	0.3
SW8310	ASE-127A-7A1	Anthracene	0.1	0.3
SW8310	ASE-128A-7A1	Anthracene	0.1	0.3
SW8310	PL-503-7A1	Anthracene	0.1	0.3
SW8310	ASE-122A-7A1	Benzo(a)anthracene	0.1	0.2
SW8310	ASE-123A-7A1	Benzo(a)anthracene	0.1	0.2
SW8310	ASE-124A-7A1	Benzo(a)anthracene	0.1	0.2
SW8310	ASE-125A-7A1	Benzo(a)anthracene	0.1	0.2
SW8310	ASE-126A-7A1	Benzo(a)anthracene	0.1	0.2
SW8310	ASE-127A-7A1	Benzo(a)anthracene	0.1	0.2
SW8310	ASE-128A-7A1	Benzo(a)anthracene	0.1	0.2
SW8310	PL-503-7A1	Benzo(a)anthracene	0.1	0.2
SW8310	ASE-122A-7A1	Benzo(a)pyrene	0.1	0.2
SW8310	ASE-123A-7A1	Benzo(a)pyrene	0.1	0.2
SW8310	ASE-124A-7A1	Benzo(a)pyrene	0.1	0.2
SW8310	ASE-125A-7A1	Benzo(a)pyrene	0.1	0.2
SW8310	ASE-126A-7A1	Benzo(a)pyrene	0.1	0.2
SW8310	ASE-127A-7A1	Benzo(a)pyrene	0.1	0.2
SW8310	ASE-128A-7A1	Benzo(a)pyrene	0.1	0.2
SW8310	PL-503-7A1	Benzo(a)pyrene	0.1	0.2
SW8310	ASE-122A-7A1	Benzo(b)fluoranthene	0.1	0.2
SW8310	ASE-123A-7A1	Benzo(b)fluoranthene	0.1	0.2
SW8310	ASE-124A-7A1	Benzo(b)fluoranthene	0.1	0.2
SW8310	ASE-125A-7A1	Benzo(b)fluoranthene	0.1	0.2
SW8310	ASE-126A-7A1	Benzo(b)fluoranthene	0.1	0.2
SW8310	ASE-127A-7A1	Benzo(b)fluoranthene	0.1	0.2
SW8310	ASE-128A-7A1	Benzo(b)fluoranthene	0.1	0.2
SW8310	PL-503-7A1	Benzo(b)fluoranthene	0.1	0.2
SW8310	ASE-122A-7A1	Benzo(ghi)perylene	0.1	0.2
SW8310	ASE-123A-7A1	Benzo(ghi)perylene	0.1	0.2
SW8310	ASE-124A-7A1	Benzo(ghi)perylene	0.1	0.2
SW8310	ASE-125A-7A1	Benzo(ghi)perylene	0.1	0.2
SW8310	ASE-126A-7A1	Benzo(ghi)perylene	0.1	0.2
SW8310	ASE-127A-7A1	Benzo(ghi)perylene	0.1	0.2
SW8310	ASE-128A-7A1	Benzo(ghi)perylene	0.1	0.2
SW8310	PL-503-7A1	Benzo(ghi)perylene	0.1	0.2

Table 3 - RL Objective Exceedances				
Method	**Sample ID**	**Analyte**	**QAPP RL (ug/L)**	**Report RL (ug/L)**
SW8310	ASE-122A-7A1	Chrysene	0.1	0.2
SW8310	ASE-123A-7A1	Chrysene	0.1	0.2
SW8310	ASE-124A-7A1	Chrysene	0.1	0.2
SW8310	ASE-125A-7A1	Chrysene	0.1	0.2
SW8310	ASE-126A-7A1	Chrysene	0.1	0.2
SW8310	ASE-127A-7A1	Chrysene	0.1	0.2
SW8310	ASE-128A-7A1	Chrysene	0.1	0.2
SW8310	PL-503-7A1	Chrysene	0.1	0.2
SW8310	ASE-122A-7A1	Dibenzo(a,h)anthracene	0.1	0.3
SW8310	ASE-123A-7A1	Dibenzo(a,h)anthracene	0.1	0.3
SW8310	ASE-124A-7A1	Dibenzo(a,h)anthracene	0.1	0.3
SW8310	ASE-125A-7A1	Dibenzo(a,h)anthracene	0.1	0.3
SW8310	ASE-126A-7A1	Dibenzo(a,h)anthracene	0.1	0.3
SW8310	ASE-127A-7A1	Dibenzo(a,h)anthracene	0.1	0.3
SW8310	ASE-128A-7A1	Dibenzo(a,h)anthracene	0.1	0.3
SW8310	PL-503-7A1	Dibenzo(a,h)anthracene	0.1	0.3
SW8310	ASE-122A-7A1	Fluoranthene	0.1	0.4
SW8310	ASE-123A-7A1	Fluoranthene	0.1	0.4
SW8310	ASE-124A-7A1	Fluoranthene	0.1	0.4
SW8310	ASE-125A-7A1	Fluoranthene	0.1	0.4
SW8310	ASE-126A-7A1	Fluoranthene	0.1	0.4
SW8310	ASE-127A-7A1	Fluoranthene	0.1	0.4
SW8310	ASE-128A-7A1	Fluoranthene	0.1	0.4
SW8310	PL-503-7A1	Fluoranthene	0.1	0.4
SW8310	ASE-122A-7A1	Fluorene	0.1	0.3
SW8310	ASE-123A-7A1	Fluorene	0.1	0.3
SW8310	ASE-124A-7A1	Fluorene	0.1	0.3
SW8310	ASE-125A-7A1	Fluorene	0.1	0.3
SW8310	ASE-126A-7A1	Fluorene	0.1	0.3
SW8310	ASE-127A-7A1	Fluorene	0.1	0.3
SW8310	ASE-128A-7A1	Fluorene	0.1	0.3
SW8310	PL-503-7A1	Fluorene	0.1	0.3
SW8310	ASE-122A-7A1	Indeno(1,2,3-cd)pyrene	0.1	0.2
SW8310	ASE-123A-7A1	Indeno(1,2,3-cd)pyrene	0.1	0.2
SW8310	ASE-124A-7A1	Indeno(1,2,3-cd)pyrene	0.1	0.2
SW8310	ASE-125A-7A1	Indeno(1,2,3-cd)pyrene	0.1	0.2
SW8310	ASE-126A-7A1	Indeno(1,2,3-cd)pyrene	0.1	0.2
SW8310	ASE-127A-7A1	Indeno(1,2,3-cd)pyrene	0.1	0.2
SW8310	ASE-128A-7A1	Indeno(1,2,3-cd)pyrene	0.1	0.2
SW8310	PL-503-7A1	Indeno(1,2,3-cd)pyrene	0.1	0.2
SW8310	ASE-122A-7A1	Naphthalene	0.2	1
SW8310	ASE-123A-7A1	Naphthalene	0.2	1
SW8310	ASE-124A-7A1	Naphthalene	0.2	1
SW8310	ASE-125A-7A1	Naphthalene	0.2	1
SW8310	ASE-126A-7A1	Naphthalene	0.2	1

Table 3 - RL Objective Exceedances				
Method	**Sample ID**	**Analyte**	**QAPP RL (ug/L)**	**Report RL (ug/L)**
SW8310	ASE-127A-7A1	Naphthalene	0.2	1
SW8310	ASE-128A-7A1	Naphthalene	0.2	1
SW8310	PL-503-7A1	Naphthalene	0.2	1
SW8310	ASE-122A-7A1	Phenanthrene	0.1	0.3
SW8310	ASE-123A-7A1	Phenanthrene	0.1	0.3
SW8310	ASE-124A-7A1	Phenanthrene	0.1	0.3
SW8310	ASE-125A-7A1	Phenanthrene	0.1	0.3
SW8310	ASE-126A-7A1	Phenanthrene	0.1	0.3
SW8310	ASE-127A-7A1	Phenanthrene	0.1	0.3
SW8310	ASE-128A-7A1	Phenanthrene	0.1	0.3
SW8310	PL-503-7A1	Phenanthrene	0.1	0.3
SW8310	ASE-122A-7A1	Pyrene	0.1	0.2
SW8310	ASE-123A-7A1	Pyrene	0.1	0.2
SW8310	ASE-124A-7A1	Pyrene	0.1	0.2
SW8310	ASE-125A-7A1	Pyrene	0.1	0.2
SW8310	ASE-126A-7A1	Pyrene	0.1	0.2
SW8310	ASE-127A-7A1	Pyrene	0.1	0.2
SW8310	ASE-128A-7A1	Pyrene	0.1	0.2
SW8310	PL-503-7A1	Pyrene	0.1	0.2

The RLs for all analytes listed in Table 3 are below EPA Region IX Preliminary Remediation Goals (PRGs) with the exception of benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene.

Several samples required dilution due to high analyte concentrations. The RLs for non-detected analytes in the diluted samples were raised accordingly. Table 4 lists the method and samples analyzed at a dilution.

Table 4 – Samples Analyzed Diluted		
Method	**Sample ID**	**Dilution Factor**
SW8260	ASE-111A-7A1	6.66
SW8260	ASE-115A-7A1	200
SW8260	ASE-116A-7A1	33.33
SW8260	ASE-20A-7A1	2
SW8260	ASE-33A-7A1	2
SW8260	ASE-37A-7A1	5
SW8260	ASE-38A-7A1	40
SW8260	ASE-39A-7A1	50
SW8260	ASE-41A-7A1	6.66
SW8260	ASE-45B-7A1	6.66
SW8260	ASE-46A-7A1	5
SW8260	ASE-47B-7A1	4
SW8260	ASE-51A-7A1	20

Table 4 – Samples Analyzed Diluted		
Method	**Sample ID**	**Dilution Factor**
SW8260	ASE-55A-7A1	4
SW8260	ASE-56A-7A1	40
SW8260	ASE-57A-7A1	20
SW8260	ASE-68A-7A1	6.66
SW8260	ASE-71A-7A1	2
SW8260	ASE-89A-7A1	20
SW8260	ASE-91A-7A1	2
SW8260	ASE-92A-7A1	20
SW8260	ASE-95A-7A1	6.66
SW8260	BC-9-7A1	4
SW8260	PL-103C-7A1	6.66
SW8260	PL-105A-7A1	4
SW8260	PL-507-7A1	20
SW8260	PL-509-7A1	6.66
SW8260	PL-516-7A1	200
SW8260	PL-517-7A1	20
SW8260	PL-518-7A1	20
SW8260	PZ-1A-7A1	2
SW8260	PZ-1B-7A1	6.66, 20

Three acetone results and one 2-hexanone result for method TO-15 were qualified by the laboratory has having interference resulting in a possible high bias. The results were qualified as estimated and flagged "J".

Calibration

Calibration information was not supplied in the Level II validation reports and could not be directly verified to have met QAPP control criteria. However, the laboratory case narratives and/or footnotes in the laboratory data packages were reviewed by the data validator and there were a few exceptions noted. Calibration information was reviewed in the Level IV validation reports. All initial and continuing calibration requirements were met with the following exceptions:

The recoveries of 12 analytes in the continuing calibration verification (CCV) standards were below criteria for method SW8260B, indicating the associated sample results are possibly biased low. Six associated detected results were qualified as estimated and flagged "J" and 135 non-detected results were flagged "UJ".

Method Blanks

Method blanks were analyzed at the required frequency and were free of contamination with the following exceptions:

Three analytes were detected below the RL in the method blanks for method TO-15. Forty-six associated results were detected at concentrations less than five times (10 times for

acetone) the blank concentrations. The results were qualified as not detected and flagged "U".

Field Blanks

EBs and TBs were collected as a percentage of the overall number of field samples collected and not on a site, location or daily basis. The associated field samples were evaluated against the maximum concentration detected in the field blanks. The field blanks were free of contamination.

Field Duplicates

Sixteen FD sets were collected and analyzed with this event. A list of FDs and associated parent samples is included in Table 5.

Table 5 – List of Field Duplicates

Field Duplicate Sample ID	Associated Parent Sample ID
PL-503-7A1	ASE-127A-7A1
PL-504-7A1	ASE-60A-7A1
PL-505-7A1	BC-10C-7A1
PL-506-7A1	ASE-54A-7A1
PL-507-7A1	ASE-89A-7A1
PL-508-7A1	ASE-49B-7A1
PL-509-7A1	ASE-106A-7A1
PL-510-7A1	ASE-81A-7A1
PL-511-7A1	ASE-100A-7A1
PL-515-7A1	ASE-65A-7A1
PL-516-7A1	ASE-115A-7A1
PL-517-7A1	ASE-92A-7A1
PL-518-7A1	ASE-57A-7A1
Vault-D01_011607	HH-FN4-5-CL_011607
Vault-D02_011707	FBO-VLT-02-OP_011707
Vault-D03_011707	ELE-VLT-16-CL_011707

All relative percent difference (RPD) criteria were met with one exception.

The FD RPD of methyl tert-butyl ether was above criteria in the ASE-100A-7A1/ PL-511-7A1 FD set for method SW8260. The associated results were qualified as estimated; the non-detected result in the normal sample was flagged "UJ" and the detected result in the FD was flagged "J".

Surrogates

Surrogates were recovered within laboratory established QC limits with the following exceptions:

Surrogate recoveries were above criteria in three samples for method SW8260, indicating the associated results are possibly biased high. Ten associated detected results were qualified as estimated and flagged "J".

Laboratory Control Samples

LCS/LCSDs were analyzed as required and were within established QC limits with the following exceptions:

The recoveries of three analytes were below criteria in a LCS for method SW8310, indicating the associated sample results are possibly biased low. Six associated non-detected results were qualified as estimated and flagged "UJ".

Matrix Spikes

The results of MS/MSD analyses provide information about the possible influence of the matrix on either accuracy or precision of the measurements. In general, MS/MSD recoveries and the associated RPD met criteria. Below are summaries of incidences where either the recovery or RPD did not meet criteria that resulted in data qualification.

The MS and/or MSD performed on sample ASE-128A-7A1 for method SW8260 was recovered less than criteria for two analytes. The associated non-detected sample results were qualified as estimated and flagged "UJ".

The MSD performed on sample ASE-52A-7A1 for method SW8260 was recovered less than criteria for benzene. The associated detected sample result was qualified as estimated and flagged "J".

The MS and/or MSD performed on sample ASE-59A-7A1 for method SW8260 was recovered less than criteria for seven analytes. The associated non-detected sample results were qualified as estimated and flagged "UJ".

The MS and MSD performed on sample ASE-63A-7A1 for method SW8260 was recovered greater than criteria for benzene. The associated detected sample result was qualified as estimated and flagged "J".

The MS and/or /MSD performed on sample ASE-71B-7A1 for method SW8260 was recovered less than criteria for two analytes. The associated non-detected sample results were qualified as estimated and flagged "UJ".

The MS and/or MSD performed on sample ASE-75C-7A1 for method SW8260 was recovered less than criteria for five analytes. The associated non-detected sample results were qualified as estimated and flagged "UJ".

The MS and MSD performed on sample ASE-79C-7A1 for method SW8260 was recovered less than criteria for ethylbenzene. The associated non-detected sample result was qualified as estimated and flagged "UJ".

The MS and MSD performed on sample BC-8B-7A1 for method SW8260 was recovered greater than criteria for 1,1-dichloroethane. The associated detected sample result was qualified as estimated and flagged "J".

Confirmation

The confirmation RPD criterion was met in all instances.

Internal Standards

Internal standard data were not supplied and could not be directly verified to have met QAPP control criteria for the Level II validated data. The laboratory case narratives and/or footnotes in the laboratory data package were reviewed by the data validator. Internal standard information was reviewed in the Level IV validation reports. No sample data were qualified.

Tentatively Identified Compounds

Tentatively identified compounds were not reported by the laboratory.

Level IV Validation

Level IV validation was performed on SDGs D7C140378 and D7C160389. Data were qualified based on CCV percent drift outside of criteria. Findings are included in the appropriate section of this report.

Chain of Custody

Each sample was documented in a completed chain-of-custody and received at the laboratory in good condition.

Overall Assessment

The goal of this assessment is to demonstrate that a sufficient number of representative samples were collected and the resulting analytical data can be used to support the decision-making process. The procedures for assessing the precision, accuracy, representativeness, completeness, and comparability (PARCC) parameters were based on the USEPA Contract Laboratory NFG for Inorganic Data Review (2004) and Contract Laboratory NFG for Organic Data Review (1999). The following summary highlights the PARCC findings for the above-defined events:

1. Less than one percent of the data were qualified due to low-level blank contamination. The degree to which blank contamination was observed is within reasonable method expectations.
2. Thirty-two samples for method SW8260 were analyzed diluted resulting in raised RLs for non-detected analytes.
3. CCV exceedances were observed for 12 analytes by method SW8260, resulting in 141 results qualified as estimated.
4. Two results were qualified as estimated for method SW8260 due to a FD RPD exceedance.
5. LCS/LCSD recovery exceedances for method SW8260 resulted in six results qualified as estimated.
6. Surrogate recovery exceedances for method SW8260 resulted in 10 results qualified as estimated.

7. MS/MSD recovery exceedances for method SW8260 suggest matrix effect in several samples; 20 results were qualified as estimated.
8. QAPP and QAPP Addendum RL objectives were not met for 14 analytes by method SW8310. Five of these RLs exceed EPA Region IX PRGs.
9. The precision and accuracy of the data, as measured by field and laboratory QC indicators, suggest that the project goals have been met.

Table 6 – Validation Findings

Method	NativeID	Analyte	Final Result	Units	Final Flag	Validation Reason
SW8015	ASE-128A-7A1	TPH C10-C32	0.051	mg/L	J	SSH
SW8260	ASE-100A-7A1	Methyl tert-butyl ether	5	ug/L	UJ	FD
SW8260	ASE-106A-7A1	1,2-Dichloroethane	10	ug/L	UJ	CCVL
SW8260	ASE-106A-7A1	Methyl tert-butyl ether	210	ug/L	J	CCVL
SW8260	ASE-106A-7A1	Vinyl acetate	250	ug/L	UJ	CCVL
SW8260	ASE-109A-7A1	1,2-Dichloroethane	1	ug/L	UJ	CCVL
SW8260	ASE-109A-7A1	Methyl tert-butyl ether	5	ug/L	UJ	CCVL
SW8260	ASE-109A-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-114A-7A1	1,2-Dichloroethane	1	ug/L	UJ	CCVL
SW8260	ASE-114A-7A1	Methyl tert-butyl ether	5	ug/L	UJ	CCVL
SW8260	ASE-114A-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-122A-7A1	1,2-Dichloroethane	1	ug/L	UJ	CCVL
SW8260	ASE-122A-7A1	Methyl tert-butyl ether	5	ug/L	UJ	CCVL
SW8260	ASE-122A-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-123A-7A1	1,2-Dichloroethane	1	ug/L	UJ	CCVL
SW8260	ASE-123A-7A1	Methyl tert-butyl ether	5	ug/L	UJ	CCVL
SW8260	ASE-123A-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-124A-7A1	1,2-Dichloroethane	1	ug/L	UJ	CCVL
SW8260	ASE-124A-7A1	Methyl tert-butyl ether	17	ug/L	J	CCVL
SW8260	ASE-124A-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-125A-7A1	1,2-Dichloroethane	1	ug/L	UJ	CCVL
SW8260	ASE-125A-7A1	Methyl tert-butyl ether	5	ug/L	UJ	CCVL
SW8260	ASE-125A-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-127A-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	ASE-127A-7A1	Chloroethane	5	ug/L	UJ	CCVL
SW8260	ASE-127A-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	ASE-127A-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL
SW8260	ASE-128A-7A1	1,2-Dichloroethane	1	ug/L	UJ	MSL CCVL
SW8260	ASE-128A-7A1	Carbon tetrachloride	2	ug/L	UJ	MSDL
SW8260	ASE-128A-7A1	Methyl tert-butyl ether	5	ug/L	UJ	CCVL
SW8260	ASE-128A-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-19B-7A1	1,2-Dichloroethane	1	ug/L	UJ	CCVL
SW8260	ASE-19B-7A1	Methyl tert-butyl ether	5	ug/L	UJ	CCVL
SW8260	ASE-19B-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-19C-7A1	1,2-Dichloroethane	1	ug/L	UJ	CCVL
SW8260	ASE-19C-7A1	Methyl tert-butyl ether	5	ug/L	UJ	CCVL
SW8260	ASE-19C-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-20B-7A1	1,2-Dichloroethane	1	ug/L	UJ	CCVL
SW8260	ASE-20B-7A1	Methyl tert-butyl ether	5	ug/L	UJ	CCVL
SW8260	ASE-20B-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-20C-7A1	1,2-Dichloroethane	1	ug/L	UJ	CCVL
SW8260	ASE-20C-7A1	Methyl tert-butyl ether	5	ug/L	UJ	CCVL
SW8260	ASE-20C-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-21C-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	ASE-21C-7A1	Chloroethane	5	ug/L	UJ	CCVL

Method	NativeID	Analyte	Final Result	Units	Final Flag	Validation Reason
SW8260	ASE-21C-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	ASE-21C-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL
SW8260	ASE-35A-7A1	1,2-Dichloroethane	1	ug/L	UJ	CCVL
SW8260	ASE-35A-7A1	Acetone	20	ug/L	UJ	CCVL
SW8260	ASE-35A-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	ASE-35A-7A1	Carbon tetrachloride	2	ug/L	UJ	CCVL
SW8260	ASE-35A-7A1	Chloroethane	5	ug/L	UJ	CCVL
SW8260	ASE-35A-7A1	Chloromethane	5	ug/L	UJ	CCVL
SW8260	ASE-35A-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	ASE-35A-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL
SW8260	ASE-36A-7A1	1,2-Dichloroethane	1	ug/L	UJ	CCVL
SW8260	ASE-36A-7A1	Methyl tert-butyl ether	5	ug/L	UJ	CCVL
SW8260	ASE-36A-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-44B-7A1	1,2-Dichloroethane	1	ug/L	UJ	CCVL
SW8260	ASE-44B-7A1	Methyl tert-butyl ether	5	ug/L	UJ	CCVL
SW8260	ASE-44B-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-46A-7A1	Bromomethane	25	ug/L	UJ	CCVL
SW8260	ASE-46A-7A1	Chloroethane	25	ug/L	UJ	CCVL
SW8260	ASE-46A-7A1	Dichlorodifluoromethane	25	ug/L	UJ	CCVL
SW8260	ASE-46A-7A1	Trichlorofluoromethane	25	ug/L	UJ	CCVL
SW8260	ASE-46B-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	ASE-46B-7A1	Chloroethane	5	ug/L	UJ	CCVL
SW8260	ASE-46B-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	ASE-46B-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL
SW8260	ASE-48B-7A1	1,2-Dichloroethane	1	ug/L	UJ	CCVL
SW8260	ASE-48B-7A1	Methyl tert-butyl ether	5	ug/L	UJ	CCVL
SW8260	ASE-48B-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-49B-7A1	Methyl tert-butyl ether	5	ug/L	UJ	CCVL
SW8260	ASE-49B-7A1	Styrene	2	ug/L	UJ	CCVL
SW8260	ASE-49B-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-51A-7A1	1,2,4-Trimethylbenzene	100	ug/L	J	SSH
SW8260	ASE-51A-7A1	Benzene	100	ug/L	J	SSH
SW8260	ASE-51A-7A1	Ethylbenzene	170	ug/L	J	SSH
SW8260	ASE-51A-7A1	Isopropylbenzene	40	ug/L	J	SSH
SW8260	ASE-51A-7A1	Naphthalene	360	ug/L	J	SSH
SW8260	ASE-51A-7A1	n-Propylbenzene	47	ug/L	J	SSH
SW8260	ASE-52A-7A1	Benzene	330	ug/L	J	MSDL
SW8260	ASE-58A-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	ASE-58A-7A1	Chloroethane	5	ug/L	UJ	CCVL
SW8260	ASE-58A-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	ASE-58A-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL
SW8260	ASE-59A-7A1	1,1,1-Trichloroethane	2	ug/L	UJ	MSL
SW8260	ASE-59A-7A1	1,2-Dichloroethane	1	ug/L	UJ	MSL
SW8260	ASE-59A-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	ASE-59A-7A1	Carbon tetrachloride	2	ug/L	UJ	MSL MSDL
SW8260	ASE-59A-7A1	Chloroethane	5	ug/L	UJ	CCVL

Method	NativeID	Analyte	Final Result	Units	Final Flag	Validation Reason
SW8260	ASE-59A-7A1	Chloroform	2	ug/L	UJ	MSL
SW8260	ASE-59A-7A1	Dichlorodifluoromethane	5	ug/L	UJ	MSL MSDL CCVL
SW8260	ASE-59A-7A1	Styrene	2	ug/L	UJ	MSL MSDL
SW8260	ASE-59A-7A1	Trichlorofluoromethane	5	ug/L	UJ	MSL CCVL
SW8260	ASE-60A-7A1	1,2,3-Trichloropropane	10	ug/L	UJ	CCVL
SW8260	ASE-61A-7A1	1,1-Dichloroethene	2.6	ug/L	J	SSH
SW8260	ASE-61A-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	ASE-61A-7A1	Chloroethane	5	ug/L	UJ	CCVL
SW8260	ASE-61A-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	ASE-61A-7A1	Tetrachloroethene	1.9	ug/L	J	SSH
SW8260	ASE-61A-7A1	Trichloroethene	2.1	ug/L	J	SSH
SW8260	ASE-61A-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL
SW8260	ASE-63A-7A1	Benzene	4300	ug/L	J	MSH MSDH
SW8260	ASE-66A-7A1	1,2-Dichloroethane	1	ug/L	UJ	CCVL
SW8260	ASE-66A-7A1	Methyl tert-butyl ether	5.1	ug/L	J	CCVL
SW8260	ASE-66A-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	ASE-71B-7A1	Methyl tert-butyl ether	5	ug/L	UJ	MSL
SW8260	ASE-71B-7A1	Styrene	2	ug/L	UJ	MSL MSDL
SW8260	ASE-75C-7A1	1,2,3-Trichloropropane	10	ug/L	UJ	MSL
SW8260	ASE-75C-7A1	1,2-Dichloroethane	1	ug/L	UJ	MSL
SW8260	ASE-75C-7A1	Carbon tetrachloride	2	ug/L	UJ	MSL MSDL
SW8260	ASE-75C-7A1	Methyl tert-butyl ether	5	ug/L	UJ	MSL
SW8260	ASE-75C-7A1	Trichlorofluoromethane	5	ug/L	UJ	MSDL
SW8260	ASE-79C-7A1	Ethylbenzene	2	ug/L	UJ	MSL MSDL
SW8260	ASE-88B-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	ASE-88B-7A1	Chloroethane	5	ug/L	UJ	CCVL
SW8260	ASE-88B-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	ASE-88B-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL
SW8260	ASE-95A-7A1	1,2-Dichloroethane	6.7	ug/L	UJ	CCVL
SW8260	ASE-95A-7A1	Methyl tert-butyl ether	82	ug/L	J	CCVL
SW8260	ASE-95A-7A1	Vinyl acetate	170	ug/L	UJ	CCVL
SW8260	ASE-96A-7A1	1,2-Dichloroethane	10	ug/L	UJ	CCVL
SW8260	ASE-96A-7A1	Methyl tert-butyl ether	160	ug/L	J	CCVL
SW8260	ASE-96A-7A1	Vinyl acetate	250	ug/L	UJ	CCVL
SW8260	BC-10C-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	BC-10C-7A1	Chloroethane	5	ug/L	UJ	CCVL
SW8260	BC-10C-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	BC-10C-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL
SW8260	BC-1-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	BC-1-7A1	Chloroethane	5	ug/L	UJ	CCVL
SW8260	BC-1-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	BC-1-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL
SW8260	BC-2-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	BC-2-7A1	Chloroethane	5	ug/L	UJ	CCVL
SW8260	BC-2-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	BC-2-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL

Method	NativeID	Analyte	Final Result	Units	Final Flag	Validation Reason
SW8260	BC-6-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	BC-6-7A1	Chloroethane	5	ug/L	UJ	CCVL
SW8260	BC-6-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	BC-6-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL
SW8260	BC-7A-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	BC-7A-7A1	Chloroethane	5	ug/L	UJ	CCVL
SW8260	BC-7A-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	BC-7A-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL
SW8260	BC-8B-7A1	1,1-Dichloroethane	20	ug/L	J	MSH MSDH
SW8260	PL-102A-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	PL-102A-7A1	Chloroethane	5	ug/L	UJ	CCVL
SW8260	PL-102A-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	PL-102A-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL
SW8260	PL-201A-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	PL-201A-7A1	Chloroethane	5	ug/L	UJ	CCVL
SW8260	PL-201A-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	PL-201A-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL
SW8260	PL-503-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	PL-503-7A1	Chloroethane	5	ug/L	UJ	CCVL
SW8260	PL-503-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	PL-503-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL
SW8260	PL-504-7A1	1,2,3-Trichloropropane	10	ug/L	UJ	CCVL
SW8260	PL-505-7A1	Bromomethane	5	ug/L	UJ	CCVL
SW8260	PL-505-7A1	Chloroethane	5	ug/L	UJ	CCVL
SW8260	PL-505-7A1	Dichlorodifluoromethane	5	ug/L	UJ	CCVL
SW8260	PL-505-7A1	Trichlorofluoromethane	5	ug/L	UJ	CCVL
SW8260	PL-508-7A1	Methyl tert-butyl ether	5	ug/L	UJ	CCVL
SW8260	PL-508-7A1	Styrene	2	ug/L	UJ	CCVL
SW8260	PL-508-7A1	Vinyl acetate	25	ug/L	UJ	CCVL
SW8260	PL-509-7A1	Methyl tert-butyl ether	190	ug/L	J	CCVL
SW8260	PL-509-7A1	Styrene	13	ug/L	UJ	CCVL
SW8260	PL-509-7A1	Vinyl acetate	170	ug/L	UJ	CCVL
SW8260	PL-511-7A1	Methyl tert-butyl ether	15	ug/L	J	FD
SW8310	ASE-127A-7A1	Acenaphthene	1	ug/L	UJ	LCSL
SW8310	ASE-127A-7A1	Anthracene	0.3	ug/L	UJ	LCSL
SW8310	ASE-127A-7A1	Naphthalene	1	ug/L	UJ	LCSL
SW8310	PL-503-7A1	Acenaphthene	1	ug/L	UJ	LCSL
SW8310	PL-503-7A1	Anthracene	0.3	ug/L	UJ	LCSL
SW8310	PL-503-7A1	Naphthalene	1	ug/L	UJ	LCSL
TO-15	Ambient-01_011607	Acetone	4.3	ug/m3	U	LBL
TO-15	Ambient-01_011607	Carbon Disulfide	0.2	ug/m3	U	LBL
TO-15	Ambient-01_011607	Trichloroethene	0.15	ug/m3	U	LBL
TO-15	Ambient-02_011607	Carbon Disulfide	0.17	ug/m3	U	LBL
TO-15	Ambient-02_011607	Trichloroethene	0.56	ug/m3	U	LBL
TO-15	Ambient-03_011607	Carbon Disulfide	0.15	ug/m3	U	LBL
TO-15	Ambient-03_011607	Trichloroethene	0.22	ug/m3	U	LBL

Method	NativeID	Analyte	Final Result	Units	Final Flag	Validation Reason
TO-15	Ambient-04_011607	Acetone	4.1	ug/m3	U	LBL
TO-15	Ambient-04_011607	Carbon Disulfide	0.15	ug/m3	U	LBL
TO-15	Ambient-04_011607	Trichloroethene	0.22	ug/m3	U	LBL
TO-15	Ambient-05_012307	Acetone	27	ug/m3	J	INT
TO-15	Ambient-05_012307	Carbon Disulfide	0.14	ug/m3	U	LBL
TO-15	Ambient-06_012307	Carbon Disulfide	0.15	ug/m3	U	LBL
TO-15	ELE-VLT-06-CL_012307	2-Hexanone	0.23	ug/m3	J	INT
TO-15	ELE-VLT-06-CL_012307	Acetone	8.6	ug/m3	J	INT
TO-15	ELE-VLT-06-CL_012307	Carbon Disulfide	0.18	ug/m3	U	LBL
TO-15	ELE-VLT-06-OP_012307	Carbon Disulfide	0.15	ug/m3	U	LBL
TO-15	ELE-VLT-07-OP_012307	Carbon Disulfide	0.29	ug/m3	U	LBL
TO-15	ELE-VLT-12-CL_012307	Acetone	6.6	ug/m3	J	INT
TO-15	ELE-VLT-12-CL_012307	Carbon Disulfide	0.2	ug/m3	U	LBL
TO-15	ELE-VLT-12-OP_012307	Carbon Disulfide	0.13	ug/m3	U	LBL
TO-15	ELE-VLT-15-OP_011707	Carbon Disulfide	0.25	ug/m3	U	LBL
TO-15	ELE-VLT-15-OP_011707	Trichloroethene	0.17	ug/m3	U	LBL
TO-15	ELE-VLT-16-CL_011707	Carbon Disulfide	0.28	ug/m3	U	LBL
TO-15	ELE-VLT-16-CL_011707	Trichloroethene	0.24	ug/m3	U	LBL
TO-15	ELE-VLT-16-OP_011707	Carbon Disulfide	0.22	ug/m3	U	LBL
TO-15	ELE-VLT-16-OP_011707	Trichloroethene	0.17	ug/m3	U	LBL
TO-15	ELE-VLT-20-OP_012307	Carbon Disulfide	0.31	ug/m3	U	LBL
TO-15	FBO-VLT-02-OP_011707	Carbon Disulfide	0.22	ug/m3	U	LBL
TO-15	FBO-VLT-02-OP_011707	Trichloroethene	0.23	ug/m3	U	LBL
TO-15	FBO-VLT-03-OP_012307	Carbon Disulfide	0.16	ug/m3	U	LBL
TO-15	HH-FN4-5-CL_011607	Carbon Disulfide	0.28	ug/m3	U	LBL
TO-15	HH-FN4-5-CL_011607	Trichloroethene	0.23	ug/m3	U	LBL
TO-15	HH-FN4-5-OP_011607	Acetone	4.1	ug/m3	U	LBL
TO-15	HH-FN4-5-OP_011607	Carbon Disulfide	0.15	ug/m3	U	LBL
TO-15	HH-FN4-5-OP_011607	Trichloroethene	0.21	ug/m3	U	LBL
TO-15	MH-FN4-2-OP_011607	Carbon Disulfide	0.2	ug/m3	U	LBL
TO-15	MH-FN4-2-OP_011607	Trichloroethene	0.22	ug/m3	U	LBL
TO-15	PowerEast-OP_011707	Carbon Disulfide	0.16	ug/m3	U	LBL
TO-15	PowerEast-OP_011707	Trichloroethene	0.25	ug/m3	U	LBL
TO-15	SW-MH-01-OP_011707	Carbon Disulfide	0.18	ug/m3	U	LBL
TO-15	SW-MH-01-OP_011707	Trichloroethene	0.23	ug/m3	U	LBL
TO-15	SW-MH-02-OP_011707	Carbon Disulfide	0.2	ug/m3	U	LBL
TO-15	SW-MH-02-OP_011707	Trichloroethene	0.35	ug/m3	U	LBL
TO-15	Vault-D01_011607	Carbon Disulfide	0.15	ug/m3	U	LBL
TO-15	Vault-D01_011607	Trichloroethene	0.22	ug/m3	U	LBL
TO-15	Vault-D02_011707	Carbon Disulfide	0.17	ug/m3	U	LBL
TO-15	Vault-D02_011707	Trichloroethene	0.24	ug/m3	U	LBL
TO-15	Vault-D03_011707	Carbon Disulfide	0.28	ug/m3	U	LBL
TO-15	Vault-D03_011707	Trichloroethene	0.23	ug/m3	U	LBL

Notes:

CCVL = Continuing calibration recovery less than lower control limit.

FD = Field duplicate exceeds RPD criteria.

INT = Interference resulting in high bias.

LBL = Laboratory blank concentration less than the RL.

LCSL – LCS recovery less than lower limit.

MSL – Matrix spike recovery less than the lower limit.

MSDL - Matrix spike duplicate recovery less than the lower limit.

MSH – Matrix spike recovery greater than the upper limit.

MSDH – Matrix spike duplicate recovery greater than the upper limit.

SSH – Surrogate recovery greater than the upper limit.

Attachment A

Samples Associated with DQE			
SampleID	**Matrix**	**Sample Date**	**Sample Type**
Vault-D01_011607	AIR	01/16/2007	FD
Vault-D02_011707	AIR	01/17/2007	FD
Vault-D03_011707	AIR	01/17/2007	FD
Ambient-01_011607	AIR	01/16/2007	REG
HH-FN4-5-CL_011607	AIR	01/16/2007	REG
MH-FN4-2-OP_011607	AIR	01/16/2007	REG
Ambient-04_011607	AIR	01/16/2007	REG
Ambient-03_011607	AIR	01/16/2007	REG
Ambient-02_011607	AIR	01/16/2007	REG
HH-FN4-5-OP_011607	AIR	01/16/2007	REG
PowerEast-OP_011707	AIR	01/17/2007	REG
FBO-VLT-02-OP_011707	AIR	01/17/2007	REG
SW-MH-01-OP_011707	AIR	01/17/2007	REG
SW-MH-02-OP_011707	AIR	01/17/2007	REG
ELE-VLT-15-OP_011707	AIR	01/17/2007	REG
ELE-VLT-16-CL_011707	AIR	01/17/2007	REG
ELE-VLT-16-OP_011707	AIR	01/17/2007	REG
ELE-VLT-20-OP_012307	AIR	01/23/2007	REG
Ambient-05_012307	AIR	01/23/2007	REG
ELE-VLT-12-OP_012307	AIR	01/23/2007	REG
ELE-VLT-12-CL_012307	AIR	01/23/2007	REG
ELE-VLT-07-OP_012307	AIR	01/23/2007	REG
ELE-VLT-06-OP_012307	AIR	01/23/2007	REG
ELE-VLT-06-CL_012307	AIR	01/23/2007	REG
Ambient-06_012307	AIR	01/23/2007	REG
FBO-VLT-03-OP_012307	AIR	01/23/2007	REG
PL-502-7A1	WATER	03/12/2007	EB
PL-501-7A1	WATER	03/12/2007	EB
PL-519-7A1	WATER	03/22/2007	EB
PL-520-7A1	WATER	03/23/2007	EB
PL-503-7A1	WATER	03/12/2007	FD
PL-504-7A1	WATER	03/12/2007	FD
PL-505-7A1	WATER	03/12/2007	FD
PL-506-7A1	WATER	03/13/2007	FD
PL-508-7A1	WATER	03/14/2007	FD
PL-507-7A1	WATER	03/14/2007	FD
PL-510-7A1	WATER	03/15/2007	FD
PL-509-7A1	WATER	03/15/2007	FD
PL-511-7A1	WATER	03/16/2007	FD
PL-515-7A1	WATER	03/22/2007	FD
PL-517-7A1	WATER	03/22/2007	FD

Samples Associated with DQE			
SampleID	**Matrix**	**Sample Date**	**Sample Type**
PL-518-7A1	WATER	03/22/2007	FD
PL-516-7A1	WATER	03/23/2007	FD
ASE-60A-7A1	WATER	03/12/2007	REG
ASE-88B-7A1	WATER	03/12/2007	REG
ASE-127A-7A1	WATER	03/12/2007	REG
BC-10C-7A1	WATER	03/12/2007	REG
ASE-21C-7A1	WATER	03/12/2007	REG
BC-1-7A1	WATER	03/12/2007	REG
ASE-59A-7A1	WATER	03/12/2007	REG
ASE-58A-7A1	WATER	03/12/2007	REG
ASE-61A-7A1	WATER	03/12/2007	REG
BC-7A-7A1	WATER	03/12/2007	REG
ASE-46B-7A1	WATER	03/12/2007	REG
PL-201A-7A1	WATER	03/12/2007	REG
BC-6-7A1	WATER	03/12/2007	REG
PL-102A-7A1	WATER	03/12/2007	REG
ASE-46A-7A1	WATER	03/12/2007	REG
BC-2-7A1	WATER	03/12/2007	REG
BC-14-7A1	WATER	03/13/2007	REG
ASE-97A-7A1	WATER	03/13/2007	REG
ASE-75C-7A1	WATER	03/13/2007	REG
ASE-75B-7A1	WATER	03/13/2007	REG
ASE-75A-7A1	WATER	03/13/2007	REG
BC-13-7A1	WATER	03/13/2007	REG
BC-15-7A1	WATER	03/13/2007	REG
ASE-69A-7A1	WATER	03/13/2007	REG
BC-4-7A1	WATER	03/13/2007	REG
ASE-54A-7A1	WATER	03/13/2007	REG
PL-2102-7A1	WATER	03/13/2007	REG
PL-2103-7A1	WATER	03/13/2007	REG
ASE-24C-7A1	WATER	03/13/2007	REG
PHXA-06-7A1	WATER	03/13/2007	REG
PL-2101-7A1	WATER	03/13/2007	REG
ASE-126A-7A1	WATER	03/13/2007	REG
ASE-20C-7A1	WATER	03/14/2007	REG
ASE-105A-7A1	WATER	03/14/2007	REG
ASE-107A-7A1	WATER	03/14/2007	REG
ASE-84C-7A1	WATER	03/14/2007	REG
ASE-112A-7A1	WATER	03/14/2007	REG
ASE-84A-7A1	WATER	03/14/2007	REG
ASE-113A-7A1	WATER	03/14/2007	REG
ASE-125A-7A1	WATER	03/14/2007	REG
ASE-19B-7A1	WATER	03/14/2007	REG
ASE-20B-7A1	WATER	03/14/2007	REG
ASE-44B-7A1	WATER	03/14/2007	REG
ASE-66A-7A1	WATER	03/14/2007	REG

Samples Associated with DQE			
SampleID	**Matrix**	**Sample Date**	**Sample Type**
ASE-90A-7A1	WATER	03/14/2007	REG
ASE-48B-7A1	WATER	03/14/2007	REG
ASE-49B-7A1	WATER	03/14/2007	REG
ASE-19C-7A1	WATER	03/14/2007	REG
ASE-89A-7A1	WATER	03/14/2007	REG
BC-8C-7A1	WATER	03/14/2007	REG
BC-8B-7A1	WATER	03/14/2007	REG
BC-8A-7A1	WATER	03/14/2007	REG
BC-10A-7A1	WATER	03/14/2007	REG
BC-10B-7A1	WATER	03/14/2007	REG
BC-17-7A1	WATER	03/15/2007	REG
ASE-122A-7A1	WATER	03/15/2007	REG
ASE-45B-7A1	WATER	03/15/2007	REG
ASE-43C-7A1	WATER	03/15/2007	REG
ASE-43B-7A1	WATER	03/15/2007	REG
ASE-36A-7A1	WATER	03/15/2007	REG
ASE-35A-7A1	WATER	03/15/2007	REG
ASE-50C-7A1	WATER	03/15/2007	REG
BC-3-7A1	WATER	03/15/2007	REG
ASE-128A-7A1	WATER	03/15/2007	REG
ASE-123A-7A1	WATER	03/15/2007	REG
ASE-95A-7A1	WATER	03/15/2007	REG
ASE-96A-7A1	WATER	03/15/2007	REG
ASE-124A-7A1	WATER	03/15/2007	REG
ASE-81A-7A1	WATER	03/15/2007	REG
ASE-114A-7A1	WATER	03/15/2007	REG
ASE-109A-7A1	WATER	03/15/2007	REG
ASE-106A-7A1	WATER	03/15/2007	REG
ASE-110A-7A1	WATER	03/16/2007	REG
PL-103A-7A1	WATER	03/16/2007	REG
ASE-29A-7A1	WATER	03/16/2007	REG
ASE-34B-7A1	WATER	03/16/2007	REG
ASE-34A-7A1	WATER	03/16/2007	REG
ASE-103A-7A1	WATER	03/16/2007	REG
ASE-102A-7A1	WATER	03/16/2007	REG
PL-103C-7A1	WATER	03/16/2007	REG
ASE-101A-7A1	WATER	03/16/2007	REG
ASE-77B-7A1	WATER	03/16/2007	REG
ASE-71B-7A1	WATER	03/16/2007	REG
ASE-99A-7A1	WATER	03/16/2007	REG
ASE-77A-7A1	WATER	03/16/2007	REG
ASE-71A-7A1	WATER	03/16/2007	REG
BC-9-7A1	WATER	03/16/2007	REG
ASE-79C-7A1	WATER	03/16/2007	REG
ASE-100A-7A1	WATER	03/16/2007	REG
ASE-98A-7A1	WATER	03/16/2007	REG

Samples Associated with DQE			
SampleID	Matrix	Sample Date	Sample Type
ASE-37A-7A1	WATER	03/21/2007	REG
ASE-70A-7A1	WATER	03/21/2007	REG
ASE-26A-7A1	WATER	03/21/2007	REG
ASE-40B-7A1	WATER	03/21/2007	REG
ASE-108A-7A1	WATER	03/21/2007	REG
ASE-47B-7A1	WATER	03/21/2007	REG
ASE-41A-7A1	WATER	03/21/2007	REG
ASE-62A-7A1	WATER	03/21/2007	REG
PZ-1B-7A1	WATER	03/21/2007	REG
PL-105A-7A1	WATER	03/21/2007	REG
PZ-1A-7A1	WATER	03/21/2007	REG
ASE-41B-7A1	WATER	03/21/2007	REG
ASE-111A-7A1	WATER	03/21/2007	REG
ASE-20A-7A1	WATER	03/22/2007	REG
ASE-63A-7A1	WATER	03/22/2007	REG
ASE-92A-7A1	WATER	03/22/2007	REG
ASE-68A-7A1	WATER	03/22/2007	REG
ASE-33A-7A1	WATER	03/22/2007	REG
ASE-64A-7A1	WATER	03/22/2007	REG
ASE-51A-7A1	WATER	03/22/2007	REG
ASE-91A-7A1	WATER	03/22/2007	REG
ASE-57A-7A1	WATER	03/22/2007	REG
ASE-56A-7A1	WATER	03/22/2007	REG
ASE-55A-7A1	WATER	03/22/2007	REG
ASE-53A-7A1	WATER	03/22/2007	REG
ASE-52A-7A1	WATER	03/22/2007	REG
ASE-65A-7A1	WATER	03/22/2007	REG
ASE-115A-7A1	WATER	03/23/2007	REG
ASE-116A-7A1	WATER	03/23/2007	REG
PL-101A-7A1	WATER	03/23/2007	REG
ASE-39A-7A1	WATER	03/23/2007	REG
ASE-38A-7A1	WATER	03/23/2007	REG
TB-031207A	WATER	03/12/2007	TB
TB-031207B	WATER	03/12/2007	TB
TB-031307A	WATER	03/13/2007	TB
TB-031307B	WATER	03/13/2007	TB
TB-031307B-2	WATER	03/13/2007	TB
TB-031407B	WATER	03/14/2007	TB
TB-031407A	WATER	03/14/2007	TB
TB-031507A	WATER	03/15/2007	TB
TB-031607B	WATER	03/16/2007	TB
TB-031607A	WATER	03/16/2007	TB
TB-032107A	WATER	03/21/2007	TB
TB-032107B	WATER	03/21/2007	TB
TB-032207A	WATER	03/22/2007	TB
TB-032207B	WATER	03/22/2007	TB

Samples Associated with DQE			
SampleID	**Matrix**	**Sample Date**	**Sample Type**
TB-032307A	WATER	03/23/2007	TB
TANK-17-7A1	WATER	03/14/2007	WC
TANK-18-7A1	WATER	03/21/2007	WC
TANK-16-7A1	WATER	03/23/2007	WC

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ANALYTICAL REPORT

Sky Harbor

Lot #: D7C140378

Daniel Moore

CH2M Hill, Inc
727 North First Street
Suite 400
St Louis, MO 63102

STL DENVER

Karen Kuoppala
Project Manager

April 19, 2007

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Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	

- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative
Lot D7C140378

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted.

The test results presented in this report meet all requirements of NELAC, and any exceptions are noted. This report shall not be reproduced, except in full, without written permission from the laboratory.

Sample Receiving
Twenty-three samples were received at STL Denver on March 14, 2007. The samples were received in good condition at temperatures of 4.7°C, 2.6°C, and 3.4°C.

GCMS Volatiles – SW846 8260B
Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to analytes present above the linear calibration range, sample D7C140378-010 was analyzed at a dilution. The reporting limits have been adjusted relative to the dilution required. Associated results have been flagged "D2" as per the Arizona DHS.

Surrogate 4-bromofluorobenzene was recovered above the QC limits in sample D7C140378-021 due to matrix interference. The sample was re-analyzed with similar results indicating matrix interference. Associated results have been flagged "S1" as per the Arizona DHS.

The LCS associated with batch 7082505 exhibited percent recoveries above the QC limits for 1,2-dibromo-3-chloropropane and 1,1,2-trichloroethane. This is an indicator that data may be biased high. As no detectable concentrations of these compounds are present in the associated samples, corrective action is deemed unnecessary. Associated results have been flagged "L1" as per the Arizona DHS.

The LCS associated with batch 7085066 exhibited a percent recovery above the QC limits for methylene chloride, 1,1,2-trichloroethane, and bromobenzene. This is an indicator that data may be biased high. As no detectable concentrations of these compounds are present in the associated samples, corrective action is deemed unnecessary. Associated results have been flagged "L1" as per the Arizona DHS.

The MS/MSD associated with batch 7082505 was performed on D7C140378-018 and exhibited spike compound recoveries outside the control limits for multiple compounds. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines. Associated results have been flagged "M1", "M2", "M3", or "R5" as appropriate as per the Arizona DHS.

The MS/MSDs associated with batches 7085066 and 7085291 were performed on samples from other clients and/or lots and exhibited spike compound recoveries and/or RPD values outside the control limits for several compounds. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines. As unrelated samples were spiked, flags were not applied.

GC Semivolatiles Diesel Range Organics – SW846 8015B
The requested carbon ranges for DRO include the range from C10 to C32. The summation of C10 to C28 and C24 to C36 were used to calculate the reported results for C10 to C32.

Matrix spikes were not requested for the samples in this lot.

HPLC PAHs – SW846 8310
Matrix spikes associated with batch 7078396 were performed on a sample from another client and/or lot and were in control.

Matrix spikes were not requested for batch 7078502.

Quality Control Definitions of Terms

Term	Definition
Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. A LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. An LCSD is a second Laboratory Control Sample.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MSs/MSDs are carried throughout the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.
Sample Duplicate	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative of the precision for other samples in the batch.
Method Detection Limit "MDL"	The method detection limit is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from replicate analyses of low level standards in a typical representative matrix.
Reporting Limit "RL"	The STL reporting limit is normally the lowest level at which measurements become quantitatively meaningful, ie., the quantitation limit, which is approximately three times the MDL. Some projects require RLs that are less than the quantitation limit to achieve particular maximum contaminant levels (MCLs) or relevant and appropriate requirements (ARARs), but RLs cannot be less than the statistically determined MDL.

Quality Control Definitions of Qualifiers

Qualifier	Definition
*	Surrogate or Relative Percent Difference (RPD) is outside control limits.
a	Spiked analyte recovery is outside control limits.
B	Organics: Method blank contamination. The associated method blank contains the target analyte at a reportable level. Inorganics: Estimated result. Result is less than the RL
COL	More than 40% difference between the primary and confirmation detector results. The lower of the two results is reported.
DIL	The concentration is estimated or not reported due to dilution.
E	Estimated result. Result concentration exceeds the calibration range.
G	Inorganics: Elevated reporting limit. The reporting limit is elevated due to matrix interference.
J	Organics: Estimated result. Result is less than RL Inorganics: Method blank contamination. The associated method blank contains the target analyte at a reportable level.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present
N	Spiked analyte recovery is outside stated control limits.
NC	The recovery and/or RPD were not calculated.
ND	The analyte was not detected at the MDL concentration and with a measurable degree of confidence can be said not to be present at or above the RL concentration.
p	Relative percent difference (RPD) is outside stated control limits.
Q	Elevated reporting limit. The reporting limit is elevated due to high analyte levels.
V	General Chemistry: Elevated reporting limit due to limited sample volume.
Wa	Post digestion spike recovery fell between 40-85% due to matrix interference.
Wb	Post digestion spike recovery fell between 115-150% due to matrix interference.
I	Percent recovery is estimated since the results exceeded the calibration range.
T1	A tentatively identified compound that did not generate a spectral match of 80% or greater. Typically called "unknown"
T2	A tentatively identified compound with a spectral match of 80% or better
T3	A tentatively identified compound that was calibrated for by the lab, but not on the client target analyte list.
IC	Diluted due to high inorganic chloride.

Arizona Data Qualifiers
Revision 2.0

Qualifier	Definition
B1	Target analyte detected in method blank at or above the method reporting limit.
B2	Non-target analyte detected in method blank and sample, producing interference.
B3	Target analyte detected in calibration blank at or above the method reporting limit.
B4	Target analyte detected in blank at/above method acceptance criteria.
B5	Target analyte detected in method blank at or above the method reporting limit, but below trigger level or **MCL**.
B6	Target analyte detected in calibration blank at or above the method reporting limit, but below trigger level or **MCL**.
B7	Target analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10x above the concentration found in the method blank.
C1	Confirmatory analysis not performed as required by the method.
C3	Qualitative confirmation performed.
C4	Confirmatory analysis was past holding time.
C5	Confirmatory analysis was past holding time. Original result not confirmed.
C6	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the higher value was reported as there was no obvious chromatographic interference.
C7	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic interference.
D1	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analytes.
D3	Sample dilution required due to insufficient sample.
D4	Minimum reporting level (MRL) adjusted to reflect sample amount received and analyzed.
E1	Concentration estimated. Analyte exceeded calibration range. Reanalysis is not possible due to insufficient sample.
E2	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to sample matrix.
E3	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL).
E5	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL), but not confirmed by alternate analysis.
E6	Concentration estimated. Internal standard recoveries did not meet method acceptance criteria.
E7	Concentration estimated. Internal standard recoveries did not meet lab acceptance criteria.
E8	Analyte reported to MDL per project specifications. Target analyte was not detected in the sample.

Qualifier	Definition
H1	Sample analysis performed past holding time.
H2	Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
H3	Sample was received and analyzed past holding time.
H4	Sample was extracted past required extraction holding time, but analyzed within analysis holding time.
L1	The associated blank spike recovery was above lab acceptance limits.
L2	The associated blank spike recovery was below lab acceptance limits.
L3	The associated blank spike recovery was above method acceptance limits.
L4	The associated blank spike recovery was below method acceptance limits.
M1	Matrix spike recovery was high; the method control sample recovery was acceptable.
M2	Matrix spike recovery was low; the method control sample recovery was acceptable.
M3	The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to spike level. The method control sample recovery was acceptable.
M4	The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
M5	Analyte concentration was determined by the Method of Standard Addition (MSA).
M6	Matrix spike recovery was high. Data reported per ADEQ policy 0154.000.
M7	Matrix spike recovery was low. Data reported per ADEQ policy 0154.000.
Q1	Sample integrity was not maintained. See case narrative.
Q2	Sample received with head space.
Q3	Sample received with improper chemical preservation.
Q4	Sample received and analyzed without chemical preservation.
Q5	Sample received with inadequate chemical preservation, but preserved by the laboratory.
Q6	Sample was received above recommended temperature.
Q7	Sample inadequately dechlorinated.
Q8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
Q9	Insufficient sample received to meet method QC requirements.
Q10	Sample received in inappropriate sample container.
Q11	Sample is heterogeneous. Sample homogeneity could not be readily achieved using routine laboratory practices.

Qualifier	Definition
R1	RPD exceeded the method control limit. See case narrative.
R2	RPD exceeded the laboratory control limit. See case narrative.
R4	MS/MSD RPD exceeded the method control limit. Recovery met acceptance criteria.
R5	MS/MSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R6	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R8	Sample RPD exceeded the method control limit.
R9	Sample RPD exceeded the laboratory control limit.
R10	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic problems.
R11	The RPD calculation for MS/MSD does not provide useful information due to the varying sample weights when Encore samplers/methanol field preserved samples are used.
S1	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits.
S3	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits. No target analytes were detected in the sample.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.
S5	Surrogate recovery was below laboratory acceptance limits, but within method acceptance limits.
S6	Surrogate recovery was below laboratory and method acceptance limits. Re-extraction and/or reanalysis confirm low recovery caused by matrix effect.
S7	Surrogate recovery was below laboratory and method acceptance limits. Unable to confirm matrix effect.
S8	The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The method control sample recovery was acceptable.
S10	Surrogate recovery was above laboratory and method acceptance limits. See case narrative.
S11	Surrogate recovery was high. Data reported per ADEQ policy 0154.000.
S12	Surrogate recovery was low. Data reported per ADEQ policy 0154.000.
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.
V2	CCV recovery was above method acceptance limits. This target analyte was detected in the sample. The sample could not be reanalyzed due to insufficient sample.
V3	CCV recovery was above method acceptance limits. This target analyte was detected in the sample, but the sample was not reanalyzed. See case narrative.
V4	CCV recovery was below method acceptance limits. The sample could not be reanalyzed due to insufficient sample.

Qualifier	Definition
V5	CCV recovery after a group of samples was above acceptance limits. This target analyte was not detected in the sample. Acceptance per EPA Method 8000B.
V6	Data reported from one-point calibration criteria per ADEQ policy 0155.000.
V7	Calibration verification recovery was above the method control limits for this analyte; however the average % difference or % drift for all the analytes met method criteria.
V8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
W1	The % RSD for this compound was above 20%. The average % RSD for all compounds in the calibration met the 20% criteria as specified in EPA Method 8000B.
W2	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA Method 8260B/8270C

EXECUTIVE SUMMARY - Detection Highlights

D7C140378

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PL-501-7A1 03/12/07 07:27 002				
Chlorobenzene	4.9	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	1.7	1.0	ug/L	SW846 8260B
Tetrachloroethene	1.2	1.0	ug/L	SW846 8260B
BC-7A-7A1 03/12/07 09:25 003				
Chlorobenzene	1.3	1.0	ug/L	SW846 8260B
Tetrachloroethene	2.3	1.0	ug/L	SW846 8260B
ASE-127A-7A1 03/12/07 08:14 004				
Tetrachloroethene	1.4	1.0	ug/L	SW846 8260B
PL-503-7A1 03/12/07 08:39 005				
Diesel Range Organics (C10-C28)	0.033 J	0.25	mg/L	SW846 8015B
TPH C10-C32	0.047 J	0.25	mg/L	SW846 8015B
Tetrachloroethene	1.3	1.0	ug/L	SW846 8260B
BC-6-7A1 03/12/07 11:40 006				
1,1-Dichloroethane	4.6	2.0	ug/L	SW846 8260B
Trichloroethene	6.2	1.0	ug/L	SW846 8260B
PL-201A-7A1 03/12/07 10:53 007				
1,1-Dichloroethane	8.9	2.0	ug/L	SW846 8260B
Trichloroethene	1.2	1.0	ug/L	SW846 8260B
Vinyl chloride	1.3	1.0	ug/L	SW846 8260B
ASE-58A-7A1 03/12/07 12:13 008				
Diesel Range Organics (C10-C28)	0.058 J	0.25	mg/L	SW846 8015B
TPH C10-C32	0.061 J	0.25	mg/L	SW846 8015B
Benzene	1.9	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	10	2.0	ug/L	SW846 8260B
Vinyl chloride	1.8	1.0	ug/L	SW846 8260B
Isopropylbenzene	2.1	2.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

D7C140378

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-46B-7A1 03/12/07 14:30 009				
1,1-Dichloroethane	5.8	2.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	3.4	2.0	ug/L	SW846 8260B
Trichloroethene	2.1	1.0	ug/L	SW846 8260B
ASE-46A-7A1 03/12/07 13:09 010				
Diesel Range Organics (C10-C28)	0.13 J	0.25	mg/L	SW846 8015B
TPH C10-C32	0.14 J	0.25	mg/L	SW846 8015B
Benzene	5.6	5.0	ug/L	SW846 8260B
1,1-Dichloroethane	84	10	ug/L	SW846 8260B
Vinyl chloride	12	5.0	ug/L	SW846 8260B
ASE-88B-7A1 03/12/07 15:40 011				
Trichloroethene	1.6	1.0	ug/L	SW846 8260B
BC-10C-7A1 03/12/07 17:38 012				
Trichloroethene	2.1	1.0	ug/L	SW846 8260B
PL-505-7A1 03/12/07 17:48 013				
Trichloroethene	1.9	1.0	ug/L	SW846 8260B
PL-502-7A1 03/12/07 07:34 015				
Chlorobenzene	5.9	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	1.0	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	2.5	1.0	ug/L	SW846 8260B
BC-2-7A1 03/12/07 08:15 016				
Trichloroethene	32	1.0	ug/L	SW846 8260B
ASE-59A-7A1 03/12/07 09:42 018				
Chlorobenzene	1.8	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	1.1	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	50	2.0	ug/L	SW846 8260B
Trichloroethene	3.9	1.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

D7C140378

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PL-102A-7A1 03/12/07 11:02 019				
Chlorobenzene	2.3	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	1.5	1.0	ug/L	SW846 8260B
ASE-21C-7A1 03/12/07 12:28 020				
Chlorobenzene	1.0	1.0	ug/L	SW846 8260B
ASE-61A-7A1 03/12/07 14:10 021				
1,1-Dichloroethene	2.6	2.0	ug/L	SW846 8260B
Tetrachloroethene	1.9	1.0	ug/L	SW846 8260B
Trichloroethene	2.1	1.0	ug/L	SW846 8260B
ASE-60A-7A1 03/12/07 15:30 022				
Tetrachloroethene	1.6	1.0	ug/L	SW846 8260B
Trichloroethene	21	1.0	ug/L	SW846 8260B
PL-504-7A1 03/12/07 15:40 023				
Tetrachloroethene	1.7	1.0	ug/L	SW846 8260B
Trichloroethene	22	1.0	ug/L	SW846 8260B

METHODS SUMMARY

D7C140378

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3510
Polynuclear Aromatic Hydrocarbons by HPLC	SW846 8310	SW846 3510
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7C140378

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 8015B	Heather Dybas	038161
SW846 8260B	Greg Meier	006004
SW846 8260B	Josh Yanez	001198
SW846 8310	Heather Dybas	038161

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7C140378

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JQ3JE	001	TB-031207B	03/12/07	07:07
JQ3JG	002	PL-501-7A1	03/12/07	07:27
JQ3JH	003	BC-7A-7A1	03/12/07	09:25
JQ3JJ	004	ASE-127A-7A1	03/12/07	08:14
JQ3JM	005	PL-503-7A1	03/12/07	08:39
JQ3JT	006	BC-6-7A1	03/12/07	11:40
JQ3JX	007	PL-201A-7A1	03/12/07	10:53
JQ3J2	008	ASE-58A-7A1	03/12/07	12:13
JQ3J4	009	ASE-46B-7A1	03/12/07	14:30
JQ3J5	010	ASE-46A-7A1	03/12/07	13:09
JQ3J7	011	ASE-88B-7A1	03/12/07	15:40
JQ3J8	012	BC-10C-7A1	03/12/07	17:38
JQ3KD	013	PL-505-7A1	03/12/07	17:48
JQ3KH	014	TB-031207A	03/12/07	07:00
JQ3KL	015	PL-502-7A1	03/12/07	07:34
JQ3KP	016	BC-2-7A1	03/12/07	08:15
JQ3KQ	017	BC-1-7A1	03/12/07	09:01
JQ3KR	018	ASE-59A-7A1	03/12/07	09:42
JQ3KW	019	PL-102A-7A1	03/12/07	11:02
JQ3K0	020	ASE-21C-7A1	03/12/07	12:28
JQ3K1	021	ASE-61A-7A1	03/12/07	14:10
JQ3K2	022	ASE-60A-7A1	03/12/07	15:30
JQ3K5	023	PL-504-7A1	03/12/07	15:40

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

D7C140378

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		7082505	7082282
002	WATER	SW846 8260B		7082505	7082282
003	WATER	SW846 8015B		7073633	7073334
	WATER	SW846 8260B		7082505	7082282
004	WATER	SW846 8015B		7073633	7073334
	WATER	SW846 8260B		7082505	7082282
	WATER	SW846 8310		7078502	
005	WATER	SW846 8015B		7073633	7073334
	WATER	SW846 8260B		7082505	7082282
	WATER	SW846 8310		7078396	7078250
006	WATER	SW846 8260B		7082505	7082282
007	WATER	SW846 8015B		7073633	7073334
	WATER	SW846 8260B		7082505	7082282
008	WATER	SW846 8015B		7073633	7073334
	WATER	SW846 8260B		7082505	7082282
009	WATER	SW846 8260B		7082505	7082282
010	WATER	SW846 8015B		7073633	7073334
	WATER	SW846 8260B		7082505	7082282
011	WATER	SW846 8260B		7082505	7082282
012	WATER	SW846 8260B		7082505	7082282
013	WATER	SW846 8260B		7082505	7082282
014	WATER	SW846 8260B		7082505	7082282
015	WATER	SW846 8260B		7082505	7082282
016	WATER	SW846 8260B		7082505	7082282
017	WATER	SW846 8260B		7082505	7082282

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QC DATA ASSOCIATION SUMMARY

D7C140378

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
018	WATER	SW846 8015B		7073633	7073334
	WATER	SW846 8260B		7082505	7082282
019	WATER	SW846 8260B		7082505	7082282
020	WATER	SW846 8260B		7082505	7082282
021	WATER	SW846 8015B		7073633	7073334
	WATER	SW846 8260B		7085291	7085203
022	WATER	SW846 8015B		7073633	7073334
	WATER	SW846 8260B		7085066	7085041
023	WATER	SW846 8015B		7073633	7073334
	WATER	SW846 8260B		7085066	7085041

STL

Volatile GC/MS

Lot ID: D7C140378

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 001 - 020

Batch: 7082505

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031207B
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-001
Matrix:	WATER	**Lab WorkOrder:**	JQ3JE1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 07:07
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 11:55
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031207B
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-001
Matrix:	WATER	**Lab WorkOrder:**	JQ3JE1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 07:07
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 11:55
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031207B
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-001
Matrix:	WATER	**Lab WorkOrder:**	JQ3JE1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 07:07
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 11:55
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	70	70	127		
2037-26-5	Toluene-d8	118	83	125		
1868-53-7	Dibromofluoromethane	92	77	119		
460-00-4	4-Bromofluorobenzene	97	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-501-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-002
Matrix:	WATER	**Lab WorkOrder:**	JQ3JG1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 07:27
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 12:14
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	**1.7**	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-501-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-002
Matrix:	WATER	**Lab WorkOrder:**	JQ3JG1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 07:27
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 12:14
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	**4.9**	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.2**	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-501-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-002
Matrix:	WATER	**Lab WorkOrder:**	JQ3JG1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 07:27
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 12:14
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	80	70	127		
2037-26-5	Toluene-d8	111	83	125		
1868-53-7	Dibromofluoromethane	98	77	119		
460-00-4	4-Bromofluorobenzene	104	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-7A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-003
Matrix:	WATER	**Lab WorkOrder:**	JQ3JH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:25
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 12:33
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-7A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-003
Matrix:	WATER	**Lab WorkOrder:**	JQ3JH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:25
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 12:33
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	**1.3**	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**2.3**	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-7A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-003
Matrix:	WATER	**Lab WorkOrder:**	JQ3JH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:25
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 12:33
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
460-00-4	4-Bromofluorobenzene	102	78	118		
17060-07-0	1,2-Dichloroethane-d4	76	70	127		
2037-26-5	Toluene-d8	111	83	125		
1868-53-7	Dibromofluoromethane	94	77	119		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-127A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-004
Matrix:	WATER	**Lab WorkOrder:**	JQ3JJ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 08:14
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 12:52
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-127A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-004
Matrix:	WATER	**Lab WorkOrder:**	JQ3JJ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 08:14
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 12:52
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.4**	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-127A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-004
Matrix:	WATER	**Lab WorkOrder:**	JQ3JJ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 08:14
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 12:52
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127		
2037-26-5	Toluene-d8	112	83	125		
1868-53-7	Dibromofluoromethane	98	77	119		
460-00-4	4-Bromofluorobenzene	105	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-503-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-005
Matrix:	WATER	**Lab WorkOrder:**	JQ3JM1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 08:39
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 13:11
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-503-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-005
Matrix:	WATER	**Lab WorkOrder:**	JQ3JM1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 08:39
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 13:11
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.3**	1.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-503-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-005
Matrix:	WATER	**Lab WorkOrder:**	JQ3JM1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 08:39
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 13:11
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	80	70	127		
2037-26-5	Toluene-d8	112	83	125		
1868-53-7	Dibromofluoromethane	98	77	119		
460-00-4	4-Bromofluorobenzene	98	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-6-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-006
Matrix:	WATER	**Lab WorkOrder:**	JQ3JT1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 11:40
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 13:30
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	**4.6**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-6-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-006
Matrix:	WATER	**Lab WorkOrder:**	JQ3JT1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 11:40
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 13:30
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-6-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-006
Matrix:	WATER	**Lab WorkOrder:**	JQ3JT1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 11:40
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 13:30
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**6.2**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127		
2037-26-5	Toluene-d8	115	83	125		
1868-53-7	Dibromofluoromethane	97	77	119		
460-00-4	4-Bromofluorobenzene	104	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-201A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-007
Matrix:	WATER	**Lab WorkOrder:**	JQ3JX1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 10:53
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 13:49
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	**8.9**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-201A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-007
Matrix:	WATER	**Lab WorkOrder:**	JQ3JX1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 10:53
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 13:49
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-201A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-007
Matrix:	WATER	**Lab WorkOrder:**	JQ3JX1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 10:53
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 13:49
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**1.2**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	**1.3**	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127		
2037-26-5	Toluene-d8	112	83	125		
1868-53-7	Dibromofluoromethane	93	77	119		
460-00-4	4-Bromofluorobenzene	104	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-58A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-008
Matrix:	WATER	**Lab WorkOrder:**	JQ3J21AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 12:13
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 14:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	**10**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	**1.9**	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-58A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-008
Matrix:	WATER	**Lab WorkOrder:**	JQ3J21AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 12:13
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 14:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	**2.1**	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-58A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-008
Matrix:	WATER	**Lab WorkOrder:**	JQ3J21AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 12:13
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 14:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	**1.8**	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127		
2037-26-5	Toluene-d8	114	83	125		
1868-53-7	Dibromofluoromethane	95	77	119		
460-00-4	4-Bromofluorobenzene	102	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-46B-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-009
Matrix:	WATER	**Lab WorkOrder:**	JQ3J41AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 14:30
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 14:27
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	**5.8**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-46B-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-009
Matrix:	WATER	**Lab WorkOrder:**	JQ3J41AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 14:30
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 14:27
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	**3.4**	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-46B-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-009
Matrix:	WATER	**Lab WorkOrder:**	JQ3J41AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 14:30
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 14:27
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**2.1**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127		
2037-26-5	Toluene-d8	115	83	125		
1868-53-7	Dibromofluoromethane	99	77	119		
460-00-4	4-Bromofluorobenzene	104	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-46A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-010
Matrix:	WATER	**Lab WorkOrder:**	JQ3J51AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 13:09
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 14:46
Sample Aliquot:	4 mL	**Instrument ID:**	R2
Dilution Factor:	5		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	D2	
71-55-6	1,1,1-Trichloroethane	ND	10	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	D2	
79-00-5	1,1,2-Trichloroethane	ND	5.0	L1 D2	
75-34-3	1,1-Dichloroethane	**84**	10	D2	
75-35-4	1,1-Dichloroethene	ND	10	D2	
563-58-6	1,1-Dichloropropene	ND	10	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	25	D2	
96-18-4	1,2,3-Trichloropropane	ND	50	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	25	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	10	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	25	L1 D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	10	D2	
95-50-1	1,2-Dichlorobenzene	ND	5.0	D2	
107-06-2	1,2-Dichloroethane	ND	5.0	D2	
78-87-5	1,2-Dichloropropane	ND	10	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	10	D2	
541-73-1	1,3-Dichlorobenzene	ND	5.0	D2	
142-28-9	1,3-Dichloropropane	ND	10	D2	
106-46-7	1,4-Dichlorobenzene	ND	5.0	D2	
594-20-7	2,2-Dichloropropane	ND	10	D2	
78-93-3	2-Butanone (MEK)	ND	50	D2	
95-49-8	2-Chlorotoluene	ND	25	D2	
591-78-6	2-Hexanone	ND	50	D2	
106-43-4	4-Chlorotoluene	ND	25	D2	
108-10-1	4-Methyl-2-pentanone	ND	50	D2	
67-64-1	Acetone	ND	100	D2	
71-43-2	Benzene	**5.6**	5.0	D2	
108-86-1	Bromobenzene	ND	25	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-46A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-010
Matrix:	WATER	**Lab WorkOrder:**	JQ3J51AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 - 13:09
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 14:46
Sample Aliquot:	4 mL	**Instrument ID:**	R2
Dilution Factor:	5		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	25	D2	
75-27-4	Bromodichloromethane	ND	5.0	D2	
75-25-2	Bromoform	ND	25	D2	
74-83-9	Bromomethane	ND	25	D2	
75-15-0	Carbon disulfide	ND	25	D2	
56-23-5	Carbon tetrachloride	ND	10	D2	
108-90-7	Chlorobenzene	ND	5.0	D2	
124-48-1	Chlorodibromomethane	ND	10	D2	
75-00-3	Chloroethane	ND	25	D2	
67-66-3	Chloroform	ND	10	D2	
74-87-3	Chloromethane	ND	25	D2	
156-59-2	cis-1,2-Dichloroethene	ND	10	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	10	D2	
74-95-3	Dibromomethane	ND	10	D2	
75-71-8	Dichlorodifluoromethane	ND	25	D2	
100-41-4	Ethylbenzene	ND	10	D2	
87-68-3	Hexachlorobutadiene	ND	25	D2	
74-88-4	Iodomethane	ND	50	D2	
98-82-8	Isopropylbenzene	ND	10	D2	
1634-04-4	Methyl tert-butyl ether	ND	25	D2	
75-09-2	Methylene chloride	ND	25	D2	
91-20-3	Naphthalene	ND	10	D2	
104-51-8	n-Butylbenzene	ND	25	D2	
103-65-1	n-Propylbenzene	ND	10	D2	
99-87-6	p-Isopropyltoluene	ND	10	D2	
135-98-8	sec-Butylbenzene	ND	25	D2	
100-42-5	Styrene	ND	10	D2	
98-06-6	tert-Butylbenzene	ND	25	D2	
127-18-4	Tetrachloroethene	ND	5.0	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-46A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-010
Matrix:	WATER	**Lab WorkOrder:**	JQ3J51AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 13:09
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 14:46
Sample Aliquot:	4 mL	**Instrument ID:**	R2
Dilution Factor:	5		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	10	D2	
156-60-5	trans-1,2-Dichloroethene	ND	10	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	10	D2	
79-01-6	Trichloroethene	ND	5.0	D2	
75-69-4	Trichlorofluoromethane	ND	25	D2	
108-05-4	Vinyl acetate	ND	120	D2	
75-01-4	Vinyl chloride	**12**	5.0	D2	
1330-20-7	Xylenes (total)	ND	50	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127	D2	
2037-26-5	Toluene-d8	110	83	125	D2	
1868-53-7	Dibromofluoromethane	93	77	119	D2	
460-00-4	4-Bromofluorobenzene	100	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-88B-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-011
Matrix:	WATER	**Lab WorkOrder:**	JQ3J71AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 15:40
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 15:05
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-88B-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-011
Matrix:	WATER	**Lab WorkOrder:**	JQ3J71AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 15:40
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 15:05
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-88B-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-011
Matrix:	WATER	**Lab WorkOrder:**	JQ3J71AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 15:40
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 15:05
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**1.6**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	82	70	127		
2037-26-5	Toluene-d8	112	83	125		
1868-53-7	Dibromofluoromethane	99	77	119		
460-00-4	4-Bromofluorobenzene	97	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-10C-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-012
Matrix:	WATER	**Lab WorkOrder:**	JQ3J81AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 17:38
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 15:24
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-10C-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-012
Matrix:	WATER	**Lab WorkOrder:**	JQ3J81AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 17:38
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 15:24
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-10C-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-012
Matrix:	WATER	**Lab WorkOrder:**	JQ3J81AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 17:38
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 15:24
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**2.1**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	85	70	127		
2037-26-5	Toluene-d8	116	83	125		
1868-53-7	Dibromofluoromethane	101	77	119		
460-00-4	4-Bromofluorobenzene	102	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-505-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-013
Matrix:	WATER	**Lab WorkOrder:**	JQ3KD1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 17:48
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 15:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-505-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-013
Matrix:	WATER	**Lab WorkOrder:**	JQ3KD1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 17:48
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 15:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-505-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-013
Matrix:	WATER	**Lab WorkOrder:**	JQ3KD1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 17:48
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 15:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**1.9**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	86	70	127		
2037-26-5	Toluene-d8	110	83	125		
1868-53-7	Dibromofluoromethane	102	77	119		
460-00-4	4-Bromofluorobenzene	104	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031207A
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-014
Matrix:	WATER	**Lab WorkOrder:**	JQ3KH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 07:00
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 16:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031207A
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-014
Matrix:	WATER	**Lab WorkOrder:**	JQ3KH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 07:00
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 16:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031207A
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-014
Matrix:	WATER	**Lab WorkOrder:**	JQ3KH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 07:00
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 16:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	82	70	127		
2037-26-5	Toluene-d8	108	83	125		
1868-53-7	Dibromofluoromethane	97	77	119		
460-00-4	4-Bromofluorobenzene	101	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-502-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-015
Matrix:	WATER	**Lab WorkOrder:**	JQ3KL1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 07:34
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 16:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	**1.0**	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	**2.5**	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-502-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-015
Matrix:	WATER	**Lab WorkOrder:**	JQ3KL1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 07:34
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 16:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	**5.9**	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-502-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-015
Matrix:	WATER	**Lab WorkOrder:**	JQ3KL1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 07:34
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 16:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	73	70	127		
2037-26-5	Toluene-d8	112	83	125		
1868-53-7	Dibromofluoromethane	89	77	119		
460-00-4	4-Bromofluorobenzene	100	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-2-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-016
Matrix:	WATER	**Lab WorkOrder:**	JQ3KP1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 08:15
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 16:40
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-2-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-016
Matrix:	WATER	**Lab WorkOrder:**	JQ3KP1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 08:15
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 16:40
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-2-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-016
Matrix:	WATER	**Lab WorkOrder:**	JQ3KP1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 08:15
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 16:40
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**32**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	87	70	127		
2037-26-5	Toluene-d8	109	83	125		
1868-53-7	Dibromofluoromethane	104	77	119		
460-00-4	4-Bromofluorobenzene	106	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-1-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-017
Matrix:	WATER	**Lab WorkOrder:**	JQ3KQ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:01
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 16:59
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-1-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-017
Matrix:	WATER	**Lab WorkOrder:**	JQ3KQ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:01
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 16:59
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-1-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-017
Matrix:	WATER	**Lab WorkOrder:**	JQ3KQ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:01
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 16:59
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	80	70	127		
2037-26-5	Toluene-d8	113	83	125		
1868-53-7	Dibromofluoromethane	95	77	119		
460-00-4	4-Bromofluorobenzene	102	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-59A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-018
Matrix:	WATER	**Lab WorkOrder:**	JQ3KR1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:42
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 17:18
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0	M2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1 M1	
75-34-3	1,1-Dichloroethane	**50**	2.0	M3	
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0	M2	
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	**1.1**	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10	R5	
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-59A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-018
Matrix:	WATER	**Lab WorkOrder:**	JQ3KR1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:42
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 17:18
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0	M2	
108-90-7	Chlorobenzene	**1.8**	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0	M2	
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	R5	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0	M2	
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0	M2	
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-59A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-018
Matrix:	WATER	**Lab WorkOrder:**	JQ3KR1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:42
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 17:18
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**3.9**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0	M2	
108-05-4	Vinyl acetate	ND	25	M1	
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	90	70	127		
2037-26-5	Toluene-d8	109	83	125		
1868-53-7	Dibromofluoromethane	103	77	119		
460-00-4	4-Bromofluorobenzene	102	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-102A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-019
Matrix:	WATER	**Lab WorkOrder:**	JQ3KW1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 11:02
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 18:34
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	**1.5**	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-102A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-019
Matrix:	WATER	**Lab WorkOrder:**	JQ3KW1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 11:02
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 18:34
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	**2.3**	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-102A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-019
Matrix:	WATER	**Lab WorkOrder:**	JQ3KW1AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 11:02
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 18:34
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127		
2037-26-5	Toluene-d8	111	83	125		
1868-53-7	Dibromofluoromethane	96	77	119		
460-00-4	4-Bromofluorobenzene	106	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-21C-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-020
Matrix:	WATER	**Lab WorkOrder:**	JQ3K01AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 12:28
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 18:53
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	L1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-21C-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-020
Matrix:	WATER	**Lab WorkOrder:**	JQ3K01AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 12:28
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 18:53
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	**1.0**	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-21C-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-020
Matrix:	WATER	**Lab WorkOrder:**	JQ3K01AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 12:28
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 18:53
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	85	70	127		
2037-26-5	Toluene-d8	111	83	125		
1868-53-7	Dibromofluoromethane	100	77	119		
460-00-4	4-Bromofluorobenzene	101	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C230000-505B
Matrix:	WATER	**Lab WorkOrder:**	JRN301AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 11:16
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	L1
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C230000-505B
Matrix:	WATER	**Lab WorkOrder:**	JRN301AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 11:16
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	L1
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C230000-505B
Matrix:	WATER	**Lab WorkOrder:**	JRN301AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 11:16
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127	
2037-26-5	Toluene-d8	111	83	125	
1868-53-7	Dibromofluoromethane	93	77	119	
460-00-4	4-Bromofluorobenzene	103	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK9H

Lot/SDG Number: D7C140378 **QC Batch ID:** 7082505

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-58A-7A1	JQ3J21AA	78	102	95	114					0
ASE-46B-7A1	JQ3J41AA	81	104	99	115					0
ASE-46A-7A1	JQ3J51AA	81	100	93	110					0
ASE-88B-7A1	JQ3J71AA	82	97	99	112					0
BC-10C-7A1	JQ3J81AA	85	102	101	116					0
TB-031207B	JQ3JE1AA	70	97	92	118					0
PL-501-7A1	JQ3JG1AA	80	104	98	111					0
BC-7A-7A1	JQ3JH1AA	76	102	94	111					0
ASE-127A-7A1	JQ3JJ1AA	81	105	98	112					0
PL-503-7A1	JQ3JM1AA	80	98	98	112					0
BC-6-7A1	JQ3JT1AA	78	104	97	115					0
PL-201A-7A1	JQ3JX1AA	78	104	93	112					0
ASE-21C-7A1	JQ3K01AA	85	101	100	111					0
PL-505-7A1	JQ3KD1AA	86	104	102	110					0
TB-031207A	JQ3KH1AA	82	101	97	108					0
PL-502-7A1	JQ3KL1AA	73	100	89	112					0
BC-2-7A1	JQ3KP1AA	87	106	104	109					0
BC-1-7A1	JQ3KQ1AA	80	102	95	113					0
ASE-59A-7A1	JQ3KR1AA	90	102	103	109					0
ASE-59A-7A1 MS	JQ3KR1AD	83	106	97	113					0
ASE-59A-7A1 MSD	JQ3KR1AE	83	108	99	116					0
PL-102A-7A1	JQ3KW1AA	78	106	96	111					0
INTRA-LAB BLANK	JRN301AA	81	103	93	111					0
CHECK SAMPLE	JRN301AC	77	104	93	111					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

Form 2 Surrogate Recovery Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C230000-505C
Matrix:	WATER	**Lab WorkOrder:**	JRN301AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 10:38
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	5.21	104		72 - 117
Acetone	10.0	7.82	78		48 - 130
Ethylbenzene	5.00	5.62	112		78 - 118
Trichlorofluoromethane	5.00	3.65	73		63 - 135
Hexachlorobutadiene	5.00	4.72	94		73 - 123
2-Hexanone	10.0	9.37	94		57 - 121
Isopropylbenzene	5.00	5.04	101		71 - 111
p-Isopropyltoluene	5.00	4.85	97		76 - 113
Methylene chloride	5.00	5.69	114		71 - 119
4-Methyl-2-pentanone	10.0	9.65	96		65 - 118
Naphthalene	5.00	5.46	109		62 - 121
Benzene	5.00	4.91	98		77 - 118
2-Pentanone	10.0	8.63	86		42 - 115
n-Propylbenzene	5.00	5.56	111		76 - 116
Styrene	5.00	5.12	102		77 - 117
1,1,1,2-Tetrachloroethane	5.00	4.84	97		77 - 117
1,1,2,2-Tetrachloroethane	5.00	5.72	114		73 - 119
Tetrachloroethene	5.00	4.98	100		77 - 117
Toluene	5.00	5.24	105		73 - 120
1,2,3-Trichlorobenzene	5.00	5.67	113		66 - 123
1,2,4-Trichlorobenzene	5.00	5.87	117		73 - 121
1,1,1-Trichloroethane	5.00	3.92	78		78 - 118
1,1,2-Trichloroethane	5.00	6.26	125	L1	76 - 116
Trichloroethene	5.00	5.07	101		78 - 122
1,2,3-Trichloropropane	5.00	4.60	92		72 - 120
1,2,4-Trimethylbenzene	5.00	4.98	100		77 - 117
1,3,5-Trimethylbenzene	5.00	5.19	104		77 - 117
Vinyl acetate	5.00	4.07	81		63 - 124
Vinyl chloride	5.00	4.20	84		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C230000-505C
Matrix:	WATER	**Lab WorkOrder:**	JRN301AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 10:38
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	5.00	5.35	107		77 - 117
Xylenes (total)	15.0	16.5	110		77 - 117
Methyl tert-butyl ether	10.0	6.68	67		58 - 116
m-Xylene & p-Xylene	10.0	11.1	111		78 - 118
Bromobenzene	5.00	5.66	113		75 - 115
Bromochloromethane	5.00	4.91	98		78 - 118
Bromodichloromethane	5.00	4.25	85		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	6.05	121	L1	65 - 117
1,2-Dibromoethane (EDB)	5.00	5.49	110		77 - 117
2-Butanone (MEK)	10.0	9.03	90		57 - 120
Bromoform	5.00	5.90	118		74 - 121
Bromomethane	5.00	4.05	81		42 - 154
n-Butylbenzene	5.00	5.15	103		76 - 117
sec-Butylbenzene	5.00	5.67	113		80 - 120
tert-Butylbenzene	5.00	4.89	98		76 - 116
Carbon disulfide	5.00	3.82	76		56 - 104
Carbon tetrachloride	5.00	4.00	80		80 - 120
Chlorobenzene	5.00	5.09	102		78 - 118
Chlorodibromomethane	5.00	5.47	109		76 - 116
Chloroethane	5.00	3.98	80		51 - 133
Chloroform	5.00	4.30	86		78 - 118
Chloromethane	5.00	4.13	83		46 - 142
2-Chlorotoluene	5.00	5.45	109		76 - 116
4-Chlorotoluene	5.00	5.12	102		78 - 118
Dibromomethane	5.00	4.92	98		77 - 117
1,2-Dichlorobenzene	5.00	5.77	115		76 - 116
1,3-Dichlorobenzene	5.00	5.23	105		75 - 115
1,4-Dichlorobenzene	5.00	5.44	109		77 - 117
Dichlorodifluoromethane	5.00	3.85	77		56 - 140

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C230000-505C
Matrix:	WATER	**Lab WorkOrder:**	JRN301AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 10:38
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethane	5.00	4.53	91		77 - 117
1,2-Dichloroethane	5.00	3.89	78		74 - 120
1,1-Dichloroethene	5.00	5.31	106		68 - 133
cis-1,2-Dichloroethene	5.00	4.96	99		75 - 115
trans-1,2-Dichloroethene	5.00	5.02	100		80 - 120
1,2-Dichloroethene (total)	10.0	9.98	100		78 - 118
1,2-Dichloropropane	5.00	4.60	92		76 - 116
1,3-Dichloropropane	5.00	5.38	108		75 - 115
2,2-Dichloropropane	5.00	4.02	80		72 - 128
1,1-Dichloropropene	5.00	4.59	92		75 - 115
cis-1,3-Dichloropropene	5.00	5.42	108		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	77	70	127	
2037-26-5	Toluene-d8	111	83	125	
1868-53-7	Dibromofluoromethane	93	77	119	
460-00-4	4-Bromofluorobenzene	104	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-59A-7A1
Lot/SDG Number:	D7C140378	**MS Lab Sample ID:**	D7C140378-018S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ3KR1AD
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:42
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 17:37
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	5.00	0.17		4.13	83		77 - 117
1,1,1-Trichloroethane	5.00	0.16	M2	3.71	74	M2	78 - 118
1,1,2,2-Tetrachloroethane	5.00	0.20		4.77	95		73 - 119
1,1,2-Trichloroethane	5.00	0.32	L1 M1	5.52	110	L1	76 - 116
1,1-Dichloroethane	5.00	50	M3	49.1	0.0	M3	77 - 117
1,1-Dichloroethene	5.00	0.14		6.24	93		68 - 133
1,1-Dichloropropene	5.00	0.15		3.95	79		75 - 115
1,2,3-Trichlorobenzene	5.00	0.18		4.56	91		66 - 123
1,2,3-Trichloropropane	5.00	0.27		3.69	74		72 - 120
1,2,4-Trichlorobenzene	5.00	0.32		4.81	96		73 - 121
1,2,4-Trimethylbenzene	5.00	0.14		4.26	85		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	5.00	1.5	L1	4.69	94	L1	65 - 117
1,2-Dibromoethane (EDB)	5.00	0.18		4.48	90		77 - 117
1,2-Dichlorobenzene	5.00	0.13		4.95	92		76 - 116
1,2-Dichloroethane	5.00	0.13	M2	3.61	72	M2	74 - 120
1,2-Dichloroethene (total)	10.0	0.15		9.92	92		78 - 118
1,2-Dichloropropane	5.00	0.13		4.50	90		76 - 116
1,3,5-Trimethylbenzene	5.00	0.14		4.04	81		77 - 117
1,3-Dichlorobenzene	5.00	0.16		4.42	88		75 - 115
1,3-Dichloropropane	5.00	0.15		4.66	93		75 - 115
1,4-Dichlorobenzene	5.00	1.1		5.72	92		77 - 117
2,2-Dichloropropane	5.00	0.20		3.68	74		72 - 128
2-Butanone (MEK)	10.0	1.8		8.25	83		57 - 120
2-Chlorotoluene	5.00	0.17		4.38	88		76 - 116
2-Hexanone	10.0	1.4		6.99	70		57 - 121
2-Pentanone	10.0	0.82		7.13	71		42 - 115
4-Chlorotoluene	5.00	0.17		4.54	91		78 - 118
4-Methyl-2-pentanone	10.0	0.49	R5	7.27	73		65 - 118
Acetone	10.0	1.9		5.28	53		48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-59A-7A1
Lot/SDG Number:	D7C140378	**MS Lab Sample ID:**	D7C140378-018S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ3KR1AD
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:42
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 17:37
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	5.00	0.16		4.61	88		77 - 118
Bromobenzene	5.00	0.17		4.51	90		75 - 115
Bromochloromethane	5.00	0.10		4.26	85		78 - 118
Bromodichloromethane	5.00	0.17		3.95	79		78 - 118
Bromoform	5.00	0.19		4.67	93		74 - 121
Bromomethane	5.00	0.21		2.68	54		42 - 154
Carbon disulfide	5.00	0.45		4.15	83		56 - 104
Carbon tetrachloride	5.00	0.19	M2	3.57	71	M2	80 - 120
Chlorobenzene	5.00	1.8		6.40	92		78 - 118
Chlorodibromomethane	5.00	0.17		4.52	90		76 - 116
Chloroethane	5.00	0.41		3.30	57		51 - 133
Chloroform	5.00	0.16	M2	4.57	76	M2	78 - 118
Chloromethane	5.00	0.30		2.82	49		46 - 142
cis-1,2-Dichloroethene	5.00	0.15		5.12	87		75 - 115
cis-1,3-Dichloropropene	5.00	0.16	R5	4.42	88		76 - 116
Dibromomethane	5.00	0.17		3.97	79		77 - 117
Dichlorodifluoromethane	5.00	0.31	M2	2.94	52	M2	56 - 140
Ethylbenzene	5.00	0.16		4.64	93		78 - 118
Hexachlorobutadiene	5.00	0.12		4.11	82		73 - 123
Isopropylbenzene	5.00	0.19		4.02	80		71 - 111
m-Xylene & p-Xylene	10.0	0.34		9.21	92		78 - 118
Methyl tert-butyl ether	10.0	0.25		6.89	60		58 - 116
Methylene chloride	5.00	0.32		4.79	96		71 - 119
n-Butylbenzene	5.00	0.14		3.96	79		76 - 117
n-Propylbenzene	5.00	0.16		4.40	88		76 - 116
Naphthalene	5.00	0.22		4.46	89		62 - 121
o-Xylene	5.00	0.19		4.56	91		77 - 117
p-Isopropyltoluene	5.00	0.17		3.88	78		76 - 113
sec-Butylbenzene	5.00	0.17		4.63	93		80 - 120

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-59A-7A1
Lot/SDG Number:	D7C140378	**MS Lab Sample ID:**	D7C140378-018S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ3KR1AD
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:42
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 17:37
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Styrene	5.00	0.17	M2	2.11	42	M2	77 - 117
tert-Butylbenzene	5.00	0.16		4.06	81		76 - 116
Tetrachloroethene	5.00	0.20		5.28	89		77 - 117
Toluene	5.00	0.17		4.91	92		73 - 120
trans-1,2-Dichloroethene	5.00	0.15		4.81	96		80 - 120
trans-1,3-Dichloropropene	5.00	0.19		4.56	91		72 - 117
Trichloroethene	5.00	3.9		8.06	82		78 - 122
Trichlorofluoromethane	5.00	0.29	M2	2.90	58	M2	63 - 135
Vinyl acetate	5.00	0.94	M1	7.26	145	M1	63 - 124
Vinyl chloride	5.00	0.17		2.87	57		49 - 136
Xylenes (total)	15.0	0.19		13.8	92		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	83	70	127	
460-00-4	4-Bromofluorobenzene	106	78	118	
1868-53-7	Dibromofluoromethane	97	77	119	
2037-26-5	Toluene-d8	113	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-59A-7A1
Lot/SDG Number:	D7C140378	**MSD Lab Sample ID:**	D7C140378-018D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ3KR1AE
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:42
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 17:56
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	5.00	0.17		4.97	99	18		77 - 117	20
1,1,1-Trichloroethane	5.00	0.16	M2	4.03	81	8.2		78 - 118	20
1,1,2,2-Tetrachloroethane	5.00	0.20		5.27	105	10		73 - 119	20
1,1,2-Trichloroethane	5.00	0.32	L1 M1	6.36	127	14	L1 M1	76 - 116	21
1,1-Dichloroethane	5.00	50	M3	46.7	0.0	0.0	M3	77 - 117	21
1,1-Dichloroethene	5.00	0.14		7.14	111	14		68 - 133	20
1,1-Dichloropropene	5.00	0.15		4.49	90	13		75 - 115	21
1,2,3-Trichlorobenzene	5.00	0.18		5.71	114	23		66 - 123	29
1,2,3-Trichloropropane	5.00	0.27		4.86	97	27	R5	72 - 120	23
1,2,4-Trichlorobenzene	5.00	0.32		5.39	108	11		73 - 121	25
1,2,4-Trimethylbenzene	5.00	0.14		4.85	97	13		77 - 117	20
1,2-Dibromo-3-chloroprop	5.00	1.5	L1	5.42	108	14	L1	65 - 117	22
1,2-Dibromoethane (EDB)	5.00	0.18		5.05	101	12		77 - 117	20
1,2-Dichlorobenzene	5.00	0.13		5.42	101	8.9		76 - 116	20
1,2-Dichloroethane	5.00	0.13	M2	4.01	80	10		74 - 120	20
1,2-Dichloroethene (total)	10.0	0.15		11.0	103	11		78 - 118	20
1,2-Dichloropropane	5.00	0.13		4.79	96	6.3		76 - 116	20
1,3,5-Trimethylbenzene	5.00	0.14		4.68	94	15		77 - 117	20
1,3-Dichlorobenzene	5.00	0.16		4.92	98	11		75 - 115	20
1,3-Dichloropropane	5.00	0.15		5.30	106	13		75 - 115	20
1,4-Dichlorobenzene	5.00	1.1		5.99	98	4.6		77 - 117	23
2,2-Dichloropropane	5.00	0.20		4.15	83	12		72 - 128	24
2-Butanone (MEK)	10.0	1.8		9.72	97	16		57 - 120	32
2-Chlorotoluene	5.00	0.17		4.99	100	13		76 - 116	20
2-Hexanone	10.0	1.4		8.63	86	21		57 - 121	25

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-59A-7A1
Lot/SDG Number:	D7C140378	**MSD Lab Sample ID:**	D7C140378-018D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ3KR1AE
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:42
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 17:56
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Pentanone	10.0	0.82		9.51	95	29	R5	42 - 115	26
4-Chlorotoluene	5.00	0.17		4.91	98	7.8		78 - 118	20
4-Methyl-2-pentanone	10.0	0.49	R5	9.28	93	24	R5	65 - 118	22
Acetone	10.0	1.9		7.88	79	40		48 - 130	41
Benzene	5.00	0.16		5.17	99	12		77 - 118	20
Bromobenzene	5.00	0.17		5.06	101	11		75 - 115	20
Bromochloromethane	5.00	0.10		4.98	100	16		78 - 118	20
Bromodichloromethane	5.00	0.17		4.36	87	9.8		78 - 118	20
Bromoform	5.00	0.19		5.21	104	11		74 - 121	21
Bromomethane	5.00	0.21		2.79	56	4.0		42 - 154	24
Carbon disulfide	5.00	0.45		4.41	88	6.0		56 - 104	20
Carbon tetrachloride	5.00	0.19	M2	3.96	79	10	M2	80 - 120	21
Chlorobenzene	5.00	1.8		6.57	96	2.7		78 - 118	20
Chlorodibromomethane	5.00	0.17		4.97	99	9.6		76 - 116	20
Chloroethane	5.00	0.41		3.54	61	7.0		51 - 133	25
Chloroform	5.00	0.16	M2	5.00	85	9.0		78 - 118	20
Chloromethane	5.00	0.30		2.96	52	5.0		46 - 142	24
cis-1,2-Dichloroethene	5.00	0.15		5.62	97	9.4		75 - 115	20
cis-1,3-Dichloropropene	5.00	0.16	R5	5.74	115	26	R5	76 - 116	20
Dibromomethane	5.00	0.17		4.68	94	16		77 - 117	20
Dichlorodifluoromethane	5.00	0.31	M2	3.03	54	3.3	M2	56 - 140	24
Ethylbenzene	5.00	0.16		5.21	104	12		78 - 118	26
Hexachlorobutadiene	5.00	0.12		4.96	99	19		73 - 123	25
Isopropylbenzene	5.00	0.19		4.56	91	13		71 - 111	20
m-Xylene & p-Xylene	10.0	0.34		10.9	109	17		78 - 118	20

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-59A-7A1
Lot/SDG Number:	D7C140378	**MSD Lab Sample ID:**	D7C140378-018D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ3KR1AE
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:42
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 09:33
QC Batch ID:	7082505	**Date/Time Analyzed:**	03/23/07 17:56
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Methyl tert-butyl ether	10.0	0.25		7.55	67	9.2		58 - 116	21
Methylene chloride	5.00	0.32		5.22	104	8.4		71 - 119	20
n-Butylbenzene	5.00	0.14		4.78	96	19		76 - 117	21
n-Propylbenzene	5.00	0.16		4.94	99	12		76 - 116	20
Naphthalene	5.00	0.22		5.51	110	21		62 - 121	32
o-Xylene	5.00	0.19		5.07	101	11		77 - 117	20
p-Isopropyltoluene	5.00	0.17		4.70	94	19		76 - 113	20
sec-Butylbenzene	5.00	0.17		5.42	108	16		80 - 120	21
Styrene	5.00	0.17	M2	2.09	42	0.94	M2	77 - 117	20
tert-Butylbenzene	5.00	0.16		4.77	95	16		76 - 116	21
Tetrachloroethene	5.00	0.20		5.65	96	6.8		77 - 117	20
Toluene	5.00	0.17		5.39	102	9.2		73 - 120	20
trans-1,2-Dichloroethene	5.00	0.15		5.42	108	12		80 - 120	24
trans-1,3-Dichloropropene	5.00	0.19		5.05	101	10		72 - 117	20
Trichloroethene	5.00	3.9		8.54	92	5.8		78 - 122	20
Trichlorofluoromethane	5.00	0.29	M2	3.18	64	9.3		63 - 135	20
Vinyl acetate	5.00	0.94	M1	8.29	166	13	M1	63 - 124	24
Vinyl chloride	5.00	0.17		2.82	56	1.7		49 - 136	24
Xylenes (total)	15.0	0.19		16.0	107	15		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	83	70	127	
460-00-4	4-Bromofluorobenzene	108	78	118	
1868-53-7	Dibromofluoromethane	99	77	119	
2037-26-5	Toluene-d8	116	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	RR7439.D
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C230000-505B
Matrix:	WATER	**Lab Work Order:**	JRN301AA
Analysis Method:	8260B	**Date/Time Extracted:**	03/23/07 09:33
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	03/23/07 11:16
QC Batch ID:	7082505	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-58A-7A1	JQ3J21AA	RR7439.D	03/23/07	14:08
ASE-46B-7A1	JQ3J41AA	RR7440.D	03/23/07	14:27
ASE-46A-7A1	JQ3J51AA	RR7441.D	03/23/07	14:46
ASE-88B-7A1	JQ3J71AA	RR7442.D	03/23/07	15:05
BC-10C-7A1	JQ3J81AA	RR7443.D	03/23/07	15:24
TB-031207B	JQ3JE1AA	RR7432.D	03/23/07	11:55
PL-501-7A1	JQ3JG1AA	RR7433.D	03/23/07	12:14
BC-7A-7A1	JQ3JH1AA	RR7434.D	03/23/07	12:33
ASE-127A-7A1	JQ3JJ1AA	RR7435.D	03/23/07	12:52
PL-503-7A1	JQ3JM1AA	RR7436.D	03/23/07	13:11
BC-6-7A1	JQ3JT1AA	RR7437.D	03/23/07	13:30
PL-201A-7A1	JQ3JX1AA	RR7438.D	03/23/07	13:49
ASE-21C-7A1	JQ3K01AA	RR7454.D	03/23/07	18:53
PL-505-7A1	JQ3KD1AA	RR7444.D	03/23/07	15:43
TB-031207A	JQ3KH1AA	RR7445.D	03/23/07	16:02
PL-502-7A1	JQ3KL1AA	RR7446.D	03/23/07	16:21
BC-2-7A1	JQ3KP1AA	RR7447.D	03/23/07	16:40
BC-1-7A1	JQ3KQ1AA	RR7448.D	03/23/07	16:59
ASE-59A-7A1	JQ3KR1AA	RR7449.D	03/23/07	17:18
ASE-59A-7A1 MS	JQ3KR1AD S	RR7450.D	03/23/07	17:37
ASE-59A-7A1 MSD	JQ3KR1AE D	RR7451.D	03/23/07	17:56
PL-102A-7A1	JQ3KW1AA	RR7453.D	03/23/07	18:34
CHECK SAMPLE	JRN301AC C	RR7429.D	03/23/07	10:38

STL

Volatile GC/MS

Lot ID: D7C140378

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 021

Batch: 7085291

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-61A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-021
Matrix:	WATER	**Lab WorkOrder:**	JQ3K11AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 14:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 17:14
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	S1	
71-55-6	1,1,1-Trichloroethane	ND	2.0	S1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	S1	
79-00-5	1,1,2-Trichloroethane	ND	1.0	S1	
75-34-3	1,1-Dichloroethane	ND	2.0	S1	
75-35-4	1,1-Dichloroethene	**2.6**	2.0	S1	
563-58-6	1,1-Dichloropropene	ND	2.0	S1	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	S1	
96-18-4	1,2,3-Trichloropropane	ND	10	S1	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	S1	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	S1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	S1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0	S1	
95-50-1	1,2-Dichlorobenzene	ND	1.0	S1	
107-06-2	1,2-Dichloroethane	ND	1.0	S1	
78-87-5	1,2-Dichloropropane	ND	2.0	S1	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	S1	
541-73-1	1,3-Dichlorobenzene	ND	1.0	S1	
142-28-9	1,3-Dichloropropane	ND	2.0	S1	
106-46-7	1,4-Dichlorobenzene	ND	1.0	S1	
594-20-7	2,2-Dichloropropane	ND	2.0	S1	
78-93-3	2-Butanone (MEK)	ND	10	S1	
95-49-8	2-Chlorotoluene	ND	5.0	S1	
591-78-6	2-Hexanone	ND	10	S1	
106-43-4	4-Chlorotoluene	ND	5.0	S1	
108-10-1	4-Methyl-2-pentanone	ND	10	S1	
67-64-1	Acetone	ND	20	S1	
71-43-2	Benzene	ND	1.0	S1	
108-86-1	Bromobenzene	ND	5.0	S1	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-61A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-021
Matrix:	WATER	**Lab WorkOrder:**	JQ3K11AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 14:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 17:14
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0	S1	
75-27-4	Bromodichloromethane	ND	1.0	S1	
75-25-2	Bromoform	ND	5.0	S1	
74-83-9	Bromomethane	ND	5.0	S1	
75-15-0	Carbon disulfide	ND	5.0	S1	
56-23-5	Carbon tetrachloride	ND	2.0	S1	
108-90-7	Chlorobenzene	ND	1.0	S1	
124-48-1	Chlorodibromomethane	ND	2.0	S1	
75-00-3	Chloroethane	ND	5.0	S1	
67-66-3	Chloroform	ND	2.0	S1	
74-87-3	Chloromethane	ND	5.0	S1	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	S1	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	S1	
74-95-3	Dibromomethane	ND	2.0	S1	
75-71-8	Dichlorodifluoromethane	ND	5.0	S1	
100-41-4	Ethylbenzene	ND	2.0	S1	
87-68-3	Hexachlorobutadiene	ND	5.0	S1	
74-88-4	Iodomethane	ND	10	S1	
98-82-8	Isopropylbenzene	ND	2.0	S1	
1634-04-4	Methyl tert-butyl ether	ND	5.0	S1	
75-09-2	Methylene chloride	ND	5.0	S1	
91-20-3	Naphthalene	ND	2.0	S1	
104-51-8	n-Butylbenzene	ND	5.0	S1	
103-65-1	n-Propylbenzene	ND	2.0	S1	
99-87-6	p-Isopropyltoluene	ND	2.0	S1	
135-98-8	sec-Butylbenzene	ND	5.0	S1	
100-42-5	Styrene	ND	2.0	S1	
98-06-6	tert-Butylbenzene	ND	5.0	S1	
127-18-4	Tetrachloroethene	**1.9**	1.0	S1	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-61A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-021
Matrix:	WATER	**Lab WorkOrder:**	JQ3K11AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 14:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 17:14
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0	S1	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	S1	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	S1	
79-01-6	Trichloroethene	**2.1**	1.0	S1	
75-69-4	Trichlorofluoromethane	ND	5.0	S1	
108-05-4	Vinyl acetate	ND	25	S1	
75-01-4	Vinyl chloride	ND	1.0	S1	
1330-20-7	Xylenes (total)	ND	10	S1	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	113	70	127	S1	
2037-26-5	Toluene-d8	118	83	125	S1	
1868-53-7	Dibromofluoromethane	110	77	119	S1	
460-00-4	4-Bromofluorobenzene	124	78	118	S1	*

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C260000-291B
Matrix:	WATER	**Lab WorkOrder:**	JRQL01AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 13:44
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C260000-291B
Matrix:	WATER	**Lab WorkOrder:**	JRQL01AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 13:44
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C260000-291B
Matrix:	WATER	**Lab WorkOrder:**	JRQL01AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 13:44
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	98	70	127	
2037-26-5	Toluene-d8	110	83	125	
1868-53-7	Dibromofluoromethane	112	77	119	
460-00-4	4-Bromofluorobenzene	103	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK9H

Lot/SDG Number: D7C140378 **QC Batch ID:** 7085291

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
LAB MS/MSD MS	JQ11N1EQ	89	106	98	123					0
LAB MS/MSD MSD	JQ11N1ER	98	115	108	109					0
ASE-61A-7A1	JQ3K11AA	113	124 *	110	118					1
INTRA-LAB BLANK	JRQL01AA	98	103	112	110					0
CHECK SAMPLE	JRQL01AC	86	98	98	109					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C260000-291C
Matrix:	WATER	**Lab WorkOrder:**	JRQL01AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 13:06
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	10.0	9.27	93		72 - 117
Acetone	20.0	13.3	67		48 - 130
Ethylbenzene	10.0	10.1	101		78 - 118
Trichlorofluoromethane	10.0	9.48	95		63 - 135
Hexachlorobutadiene	10.0	10.0	100		73 - 123
2-Hexanone	20.0	17.9	89		57 - 121
Isopropylbenzene	10.0	9.50	95		71 - 111
p-Isopropyltoluene	10.0	9.49	95		76 - 113
Methylene chloride	10.0	10.6	106		71 - 119
4-Methyl-2-pentanone	20.0	19.4	97		65 - 118
Naphthalene	10.0	10.0	100		62 - 121
Benzene	10.0	10.2	102		77 - 118
2-Pentanone	20.0	19.8	99		42 - 115
n-Propylbenzene	10.0	10.1	101		76 - 116
Styrene	10.0	9.46	95		77 - 117
1,1,1,2-Tetrachloroethane	10.0	10.3	103		77 - 117
1,1,2,2-Tetrachloroethane	10.0	10.9	109		73 - 119
Tetrachloroethene	10.0	9.69	97		77 - 117
Toluene	10.0	10.8	108		73 - 120
1,2,3-Trichlorobenzene	10.0	11.0	110		66 - 123
1,2,4-Trichlorobenzene	10.0	10.1	101		73 - 121
1,1,1-Trichloroethane	10.0	8.64	86		78 - 118
1,1,2-Trichloroethane	10.0	11.4	114		76 - 116
Trichloroethene	10.0	9.58	96		78 - 122
1,2,3-Trichloropropane	10.0	9.41	94		72 - 120
1,2,4-Trimethylbenzene	10.0	10.4	104		77 - 117
1,3,5-Trimethylbenzene	10.0	10.1	101		77 - 117
Vinyl acetate	10.0	8.38	84		63 - 124
Vinyl chloride	10.0	10.9	109		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C260000-291C
Matrix:	WATER	**Lab WorkOrder:**	JRQL01AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 13:06
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	10.0	11.2	112		77 - 117
Xylenes (total)	30.0	31.4	105		77 - 117
Methyl tert-butyl ether	20.0	15.4	77		58 - 116
m-Xylene & p-Xylene	20.0	20.2	101		78 - 118
Bromobenzene	10.0	10.9	109		75 - 115
Bromochloromethane	10.0	10.5	105		78 - 118
Bromodichloromethane	10.0	9.52	95		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.0	100		65 - 117
1,2-Dibromoethane (EDB)	10.0	11.0	110		77 - 117
2-Butanone (MEK)	20.0	14.6	73		57 - 120
Bromoform	10.0	11.5	115		74 - 121
Bromomethane	10.0	10.3	103		42 - 154
n-Butylbenzene	10.0	9.46	95		76 - 117
sec-Butylbenzene	10.0	10.5	105		80 - 120
tert-Butylbenzene	10.0	9.86	99		76 - 116
Carbon disulfide	10.0	9.23	92		56 - 104
Carbon tetrachloride	10.0	8.81	88		80 - 120
Chlorobenzene	10.0	10.5	105		78 - 118
Chlorodibromomethane	10.0	10.7	107		76 - 116
Chloroethane	10.0	9.57	96		51 - 133
Chloroform	10.0	8.84	88		78 - 118
Chloromethane	10.0	10.4	104		46 - 142
2-Chlorotoluene	10.0	10.6	106		76 - 116
4-Chlorotoluene	10.0	10.2	102		78 - 118
Dibromomethane	10.0	10.1	101		77 - 117
1,2-Dichlorobenzene	10.0	10.4	104		76 - 116
1,3-Dichlorobenzene	10.0	10.4	104		75 - 115
1,4-Dichlorobenzene	10.0	10.2	102		77 - 117
Dichlorodifluoromethane	10.0	9.20	92		56 - 140

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C260000-291C
Matrix:	WATER	**Lab WorkOrder:**	JRQL01AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 13:06
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethane	10.0	9.48	95		77 - 117
1,2-Dichloroethane	10.0	8.83	88		74 - 120
1,1-Dichloroethene	10.0	11.0	110		68 - 133
cis-1,2-Dichloroethene	10.0	9.68	97		75 - 115
trans-1,2-Dichloroethene	10.0	10.5	105		80 - 120
1,2-Dichloroethene (total)	20.0	20.2	101		78 - 118
1,2-Dichloropropane	10.0	10.1	101		76 - 116
1,3-Dichloropropane	10.0	10.8	108		75 - 115
2,2-Dichloropropane	10.0	8.73	87		72 - 128
1,1-Dichloropropene	10.0	9.59	96		75 - 115
cis-1,3-Dichloropropene	10.0	11.6	116		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	86	70	127	
2037-26-5	Toluene-d8	109	83	125	
1868-53-7	Dibromofluoromethane	98	77	119	
460-00-4	4-Bromofluorobenzene	98	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C140378	**MS Lab Sample ID:**	D7C140184-001S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ11N1EQ
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 14:22
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	5.00	0.17		5.27	105		77 - 117
1,1,1-Trichloroethane	5.00	0.16		4.54	91		78 - 118
1,1,2,2-Tetrachloroethane	5.00	0.20		5.16	103		73 - 119
1,1,2-Trichloroethane	5.00	0.32		6.34	127	M1	76 - 116
1,1-Dichloroethane	5.00	0.16		5.19	104		77 - 117
1,1-Dichloroethene	5.00	0.14		6.50	130		68 - 133
1,1-Dichloropropene	5.00	0.15		4.52	90		75 - 115
1,2,3-Trichlorobenzene	5.00	0.18		5.58	108		66 - 123
1,2,3-Trichloropropane	5.00	0.27		5.24	105		72 - 120
1,2,4-Trichlorobenzene	5.00	0.32		5.27	105		73 - 121
1,2,4-Trimethylbenzene	5.00	0.14		5.63	113		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	5.00	1.5		5.08	102		65 - 117
1,2-Dibromoethane (EDB)	5.00	0.18		5.51	110		77 - 117
1,2-Dichlorobenzene	5.00	0.13		5.66	113		76 - 116
1,2-Dichloroethane	5.00	0.13		4.55	91		74 - 120
1,2-Dichloroethene (total)	10.0	0.15		11.4	114		78 - 118
1,2-Dichloropropane	5.00	0.13		4.93	99		76 - 116
1,3,5-Trimethylbenzene	5.00	0.14		5.51	110		77 - 117
1,3-Dichlorobenzene	5.00	0.16		5.68	114		75 - 115
1,3-Dichloropropane	5.00	0.15		5.48	110		75 - 115
1,4-Dichlorobenzene	5.00	0.16		5.55	111		77 - 117
2,2-Dichloropropane	5.00	0.20		4.82	96		72 - 128
2-Butanone (MEK)	10.0	1.8		7.12	71		57 - 120
2-Chlorotoluene	5.00	0.17		5.73	115		76 - 116
2-Hexanone	10.0	1.4		7.34	73		57 - 121
2-Pentanone	10.0	0.82		9.06	91		42 - 115
4-Chlorotoluene	5.00	0.17		5.49	110		78 - 118
4-Methyl-2-pentanone	10.0	0.49		9.69	97		65 - 118
Acetone	10.0	1.9		6.08	61		48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C140378	**MS Lab Sample ID:**	D7C140184-001S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ11N1EQ
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 14:22
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	5.00	0.16		5.08	102		77 - 118
Bromobenzene	5.00	0.17		6.47	129	M1	75 - 115
Bromochloromethane	5.00	0.10		5.25	105		78 - 118
Bromodichloromethane	5.00	0.17		4.60	92		78 - 118
Bromoform	5.00	0.19		5.66	113		74 - 121
Bromomethane	5.00	0.21		5.77	115		42 - 154
Carbon disulfide	5.00	0.45		5.04	101		56 - 104
Carbon tetrachloride	5.00	0.19		4.62	92		80 - 120
Chlorobenzene	5.00	0.17		5.58	112		78 - 118
Chlorodibromomethane	5.00	0.17		5.35	107		76 - 116
Chloroethane	5.00	0.41		5.33	107		51 - 133
Chloroform	5.00	0.16		4.79	96		78 - 118
Chloromethane	5.00	0.30		6.12	122		46 - 142
cis-1,2-Dichloroethene	5.00	0.15		5.25	105		75 - 115
cis-1,3-Dichloropropene	5.00	0.16		6.26	125	M1	76 - 116
Dibromomethane	5.00	0.17		4.80	96		77 - 117
Dichlorodifluoromethane	5.00	0.31		5.74	115		56 - 140
Ethylbenzene	5.00	0.16		5.76	115		78 - 118
Hexachlorobutadiene	5.00	0.12		5.61	112		73 - 123
Isopropylbenzene	5.00	0.19		4.97	99		71 - 111
m-Xylene & p-Xylene	10.0	0.34		10.8	108		78 - 118
Methyl tert-butyl ether	10.0	0.25		7.83	78		58 - 116
Methylene chloride	5.00	0.32		5.65	113		71 - 119
n-Butylbenzene	5.00	0.14		5.67	113		76 - 117
n-Propylbenzene	5.00	0.16		6.30	126	M1	76 - 116
Naphthalene	5.00	0.22		5.10	102		62 - 121
o-Xylene	5.00	0.19		5.55	111		77 - 117
p-Isopropyltoluene	5.00	0.17		5.29	106		76 - 113
sec-Butylbenzene	5.00	0.17		6.21	124	M1	80 - 120

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C140378	**MS Lab Sample ID:**	D7C140184-001S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ11N1EQ
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 14:22
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Styrene	5.00	0.17		4.90	98		77 - 117
tert-Butylbenzene	5.00	0.16		5.37	107		76 - 116
Tetrachloroethene	5.00	0.20		5.41	108		77 - 117
Toluene	5.00	0.17		6.27	125	M1	73 - 120
trans-1,2-Dichloroethene	5.00	0.15		6.12	122	M1	80 - 120
trans-1,3-Dichloropropene	5.00	0.19		5.80	116		72 - 117
Trichloroethene	5.00	0.16		5.02	100		78 - 122
Trichlorofluoromethane	5.00	0.29		5.33	107		63 - 135
Vinyl acetate	5.00	0.94		4.97	99		63 - 124
Vinyl chloride	5.00	0.17		5.67	113		49 - 136
Xylenes (total)	15.0	0.19		16.4	109		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	89	70	127	
460-00-4	4-Bromofluorobenzene	106	78	118	
1868-53-7	Dibromofluoromethane	98	77	119	
2037-26-5	Toluene-d8	123	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C140378	**MSD Lab Sample ID:**	D7C140184-001D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ11N1ER
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 14:41
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	5.00	0.17		5.51	110	4.3		77 - 117	20
1,1,1-Trichloroethane	5.00	0.16		4.75	95	4.6		78 - 118	20
1,1,2,2-Tetrachloroethane	5.00	0.20		5.84	117	12		73 - 119	20
1,1,2-Trichloroethane	5.00	0.32		5.60	112	12		76 - 116	21
1,1-Dichloroethane	5.00	0.16		5.44	109	4.7		77 - 117	21
1,1-Dichloroethene	5.00	0.14		7.07	141	8.4	M1	68 - 133	20
1,1-Dichloropropene	5.00	0.15		4.95	99	9.3		75 - 115	21
1,2,3-Trichlorobenzene	5.00	0.18		6.44	125	14	M1	66 - 123	29
1,2,3-Trichloropropane	5.00	0.27		4.97	99	5.4		72 - 120	23
1,2,4-Trichlorobenzene	5.00	0.32		6.23	125	17	M1	73 - 121	25
1,2,4-Trimethylbenzene	5.00	0.14		5.65	113	0.42		77 - 117	20
1,2-Dibromo-3-chloroprop	5.00	1.5		6.20	124	20	M1	65 - 117	22
1,2-Dibromoethane (EDB)	5.00	0.18		5.49	110	0.33		77 - 117	20
1,2-Dichlorobenzene	5.00	0.13		5.40	108	4.6		76 - 116	20
1,2-Dichloroethane	5.00	0.13		5.03	101	10		74 - 120	20
1,2-Dichloroethene (total)	10.0	0.15		11.7	117	2.6		78 - 118	20
1,2-Dichloropropane	5.00	0.13		4.23	85	15		76 - 116	20
1,3,5-Trimethylbenzene	5.00	0.14		5.28	106	4.4		77 - 117	20
1,3-Dichlorobenzene	5.00	0.16		5.63	113	0.95		75 - 115	20
1,3-Dichloropropane	5.00	0.15		5.58	112	1.8		75 - 115	20
1,4-Dichlorobenzene	5.00	0.16		5.64	113	1.7		77 - 117	23
2,2-Dichloropropane	5.00	0.20		4.99	100	3.4		72 - 128	24
2-Butanone (MEK)	10.0	1.8		8.46	85	17		57 - 120	32
2-Chlorotoluene	5.00	0.17		5.88	118	2.7	M1	76 - 116	20
2-Hexanone	10.0	1.4		11.1	111	41	R5	57 - 121	25

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C140378	**MSD Lab Sample ID:**	D7C140184-001D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ11N1ER
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 14:41
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Pentanone	10.0	0.82		8.83	88	2.6		42 - 115	26
4-Chlorotoluene	5.00	0.17		5.17	103	6.0		78 - 118	20
4-Methyl-2-pentanone	10.0	0.49		10.8	108	11		65 - 118	22
Acetone	10.0	1.9		8.15	81	29		48 - 130	41
Benzene	5.00	0.16		5.29	106	3.9		77 - 118	20
Bromobenzene	5.00	0.17		5.69	114	13		75 - 115	20
Bromochloromethane	5.00	0.10		5.24	105	0.28		78 - 118	20
Bromodichloromethane	5.00	0.17		4.29	86	7.0		78 - 118	20
Bromoform	5.00	0.19		5.97	119	5.3		74 - 121	21
Bromomethane	5.00	0.21		6.54	131	13		42 - 154	24
Carbon disulfide	5.00	0.45		5.72	114	13	M1	56 - 104	20
Carbon tetrachloride	5.00	0.19		4.96	99	7.0		80 - 120	21
Chlorobenzene	5.00	0.17		5.75	115	3.0		78 - 118	20
Chlorodibromomethane	5.00	0.17		5.77	115	7.5		76 - 116	20
Chloroethane	5.00	0.41		6.25	125	16		51 - 133	25
Chloroform	5.00	0.16		5.11	102	6.6		78 - 118	20
Chloromethane	5.00	0.30		7.01	140	14		46 - 142	24
cis-1,2-Dichloroethene	5.00	0.15		5.32	106	1.2		75 - 115	20
cis-1,3-Dichloropropene	5.00	0.16		5.95	119	5.1	M1	76 - 116	20
Dibromomethane	5.00	0.17		4.67	93	2.8		77 - 117	20
Dichlorodifluoromethane	5.00	0.31		6.68	134	15		56 - 140	24
Ethylbenzene	5.00	0.16		5.32	106	8.0		78 - 118	26
Hexachlorobutadiene	5.00	0.12		5.57	111	0.71		73 - 123	25
Isopropylbenzene	5.00	0.19		5.00	100	0.67		71 - 111	20
m-Xylene & p-Xylene	10.0	0.34		11.4	114	5.2		78 - 118	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C140378	**MSD Lab Sample ID:**	D7C140184-001D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ11N1ER
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 14:41
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Methyl tert-butyl ether	10.0	0.25		8.50	85	8.3		58 - 116	21
Methylene chloride	5.00	0.32		6.80	136	18	M1	71 - 119	20
n-Butylbenzene	5.00	0.14		5.85	117	3.0		76 - 117	21
n-Propylbenzene	5.00	0.16		5.08	102	21	R2	76 - 116	20
Naphthalene	5.00	0.22		6.47	129	24	M1	62 - 121	32
o-Xylene	5.00	0.19		5.58	112	0.60		77 - 117	20
p-Isopropyltoluene	5.00	0.17		5.44	109	2.8		76 - 113	20
sec-Butylbenzene	5.00	0.17		6.07	121	2.3	M1	80 - 120	21
Styrene	5.00	0.17		5.17	103	5.2		77 - 117	20
tert-Butylbenzene	5.00	0.16		5.78	116	7.4		76 - 116	21
Tetrachloroethene	5.00	0.20		5.38	108	0.50		77 - 117	20
Toluene	5.00	0.17		5.54	111	12		73 - 120	20
trans-1,2-Dichloroethene	5.00	0.15		6.35	127	3.8	M1	80 - 120	24
trans-1,3-Dichloropropene	5.00	0.19		5.53	111	4.8		72 - 117	20
Trichloroethene	5.00	0.16		4.41	88	13		78 - 122	20
Trichlorofluoromethane	5.00	0.29		3.25	65	49	R5	63 - 135	20
Vinyl acetate	5.00	0.94		5.33	107	6.9		63 - 124	24
Vinyl chloride	5.00	0.17		7.34	147	26	M1 R2	49 - 136	24
Xylenes (total)	15.0	0.19		17.0	113	3.6		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	98	70	127	
460-00-4	4-Bromofluorobenzene	115	78	118	
1868-53-7	Dibromofluoromethane	108	77	119	
2037-26-5	Toluene-d8	109	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	RR7496.D
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C260000-291B
Matrix:	WATER	**Lab Work Order:**	JRQL01AA
Analysis Method:	8260B	**Date/Time Extracted:**	03/24/07 11:29
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	03/24/07 13:44
QC Batch ID:	7085291	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
LAB MS/MSD MS	JQ11N1EQ S	RR7496.D	03/24/07	14:22
LAB MS/MSD MSD	JQ11N1ER D	RR7497.D	03/24/07	14:41
ASE-61A-7A1	JQ3K11AA	RR7505.D	03/24/07	17:14
CHECK SAMPLE	JRQL01AC C	RR7492.D	03/24/07	13:06

STL

Volatile GC/MS

Lot ID: D7C140378

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 022, 023

Batch: 7085066

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-60A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-022
Matrix:	WATER	**Lab WorkOrder:**	JQ3K21AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 15:30
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/24/07 04:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0	L1	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-60A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-022
Matrix:	WATER	**Lab WorkOrder:**	JQ3K21AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 15:30
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/24/07 04:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0	L1	
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.6**	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-60A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-022
Matrix:	WATER	**Lab WorkOrder:**	JQ3K21AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 15:30
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/24/07 04:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**21**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	106	70	127		
2037-26-5	Toluene-d8	119	83	125		
1868-53-7	Dibromofluoromethane	102	77	119		
460-00-4	4-Bromofluorobenzene	103	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-504-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-023
Matrix:	WATER	**Lab WorkOrder:**	JQ3K51AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 15:40
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/24/07 04:40
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0	L1	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-504-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-023
Matrix:	WATER	**Lab WorkOrder:**	JQ3K51AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 15:40
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/24/07 04:40
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0	L1	
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.7**	1.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-504-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-023
Matrix:	WATER	**Lab WorkOrder:**	JQ3K51AA
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 15:40
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/24/07 04:40
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**22**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	96	70	127		
2037-26-5	Toluene-d8	117	83	125		
1868-53-7	Dibromofluoromethane	107	77	119		
460-00-4	4-Bromofluorobenzene	108	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C260000-066B
Matrix:	WATER	**Lab WorkOrder:**	JRP591AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/23/07 21:40
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	L1
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	L1
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C260000-066B
Matrix:	WATER	**Lab WorkOrder:**	JRP591AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/23/07 21:40
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	L1
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C260000-066B
Matrix:	WATER	**Lab WorkOrder:**	JRP591AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/23/07 21:40
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	84	70	127	
2037-26-5	Toluene-d8	106	83	125	
1868-53-7	Dibromofluoromethane	96	77	119	
460-00-4	4-Bromofluorobenzene	98	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER
Lot/SDG Number: D7C140378
Extraction I25QK9H
QC Batch ID: 7085066

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-60A-7A1	JQ3K21AA	106	103	102	119					0
PL-504-7A1	JQ3K51AA	96	108	107	117					0
LAB MS/MSD MS	JQ3R31AC	91	102	106	109					0
LAB MS/MSD MSD	JQ3R31AD	108	105	122 *	117					1
INTRA-LAB BLANK	JRP591AA	84	98	96	106					0
CHECK SAMPLE	JRP591AC	94	100	106	110					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C260000-066C
Matrix:	WATER	**Lab WorkOrder:**	JRP591AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/23/07 21:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	5.22	104		72 - 117
Acetone	10.0	7.82	78		48 - 130
Ethylbenzene	5.00	5.43	109		78 - 118
Trichlorofluoromethane	5.00	3.68	74		63 - 135
Hexachlorobutadiene	5.00	5.15	103		73 - 123
2-Hexanone	10.0	9.70	97		57 - 121
Isopropylbenzene	5.00	4.85	97		71 - 111
p-Isopropyltoluene	5.00	4.65	93		76 - 113
Methylene chloride	5.00	6.26	125	L1	71 - 119
4-Methyl-2-pentanone	10.0	9.59	96		65 - 118
Naphthalene	5.00	6.05	121		62 - 121
Benzene	5.00	5.55	111		77 - 118
2-Pentanone	10.0	8.61	86		42 - 115
n-Propylbenzene	5.00	5.41	108		76 - 116
Styrene	5.00	5.20	104		77 - 117
1,1,1,2-Tetrachloroethane	5.00	5.20	104		77 - 117
1,1,2,2-Tetrachloroethane	5.00	5.69	114		73 - 119
Tetrachloroethene	5.00	5.63	113		77 - 117
Toluene	5.00	5.68	114		73 - 120
1,2,3-Trichlorobenzene	5.00	5.92	118		66 - 123
1,2,4-Trichlorobenzene	5.00	5.83	117		73 - 121
1,1,1-Trichloroethane	5.00	4.61	92		78 - 118
1,1,2-Trichloroethane	5.00	6.11	122	L1	76 - 116
Trichloroethene	5.00	5.59	112		78 - 122
1,2,3-Trichloropropane	5.00	4.38	88		72 - 120
1,2,4-Trimethylbenzene	5.00	5.02	100		77 - 117
1,3,5-Trimethylbenzene	5.00	5.35	107		77 - 117
Vinyl acetate	5.00	3.95	79		63 - 124
Vinyl chloride	5.00	4.39	88		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C260000-066C
Matrix:	WATER	**Lab WorkOrder:**	JRP591AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/23/07 21:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	5.00	5.67	113		77 - 117
Xylenes (total)	15.0	17.4	116		77 - 117
Methyl tert-butyl ether	10.0	7.79	78		58 - 116
m-Xylene & p-Xylene	10.0	11.8	118		78 - 118
Bromobenzene	5.00	5.81	116	L1	75 - 115
Bromochloromethane	5.00	5.91	118		78 - 118
Bromodichloromethane	5.00	5.03	101		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	5.82	116		65 - 117
1,2-Dibromoethane (EDB)	5.00	5.77	115		77 - 117
2-Butanone (MEK)	10.0	10.1	101		57 - 120
Bromoform	5.00	5.96	119		74 - 121
Bromomethane	5.00	4.27	85		42 - 154
n-Butylbenzene	5.00	4.79	96		76 - 117
sec-Butylbenzene	5.00	5.86	117		80 - 120
tert-Butylbenzene	5.00	4.98	100		76 - 116
Carbon disulfide	5.00	3.99	80		56 - 104
Carbon tetrachloride	5.00	4.69	94		80 - 120
Chlorobenzene	5.00	5.54	111		78 - 118
Chlorodibromomethane	5.00	5.61	112		76 - 116
Chloroethane	5.00	3.65	73		51 - 133
Chloroform	5.00	4.81	96		78 - 118
Chloromethane	5.00	4.64	93		46 - 142
2-Chlorotoluene	5.00	5.50	110		76 - 116
4-Chlorotoluene	5.00	5.61	112		78 - 118
Dibromomethane	5.00	5.34	107		77 - 117
1,2-Dichlorobenzene	5.00	5.73	115		76 - 116
1,3-Dichlorobenzene	5.00	5.39	108		75 - 115
1,4-Dichlorobenzene	5.00	5.79	116		77 - 117
Dichlorodifluoromethane	5.00	4.03	81		56 - 140

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C260000-066C
Matrix:	WATER	**Lab WorkOrder:**	JRP591AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/23/07 21:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethane	5.00	5.27	105		77 - 117
1,2-Dichloroethane	5.00	4.63	93		74 - 120
1,1-Dichloroethene	5.00	5.92	118		68 - 133
cis-1,2-Dichloroethene	5.00	5.70	114		75 - 115
trans-1,2-Dichloroethene	5.00	5.89	118		80 - 120
1,2-Dichloroethene (total)	10.0	11.6	116		78 - 118
1,2-Dichloropropane	5.00	5.59	112		76 - 116
1,3-Dichloropropane	5.00	5.38	108		75 - 115
2,2-Dichloropropane	5.00	5.01	100		72 - 128
1,1-Dichloropropene	5.00	5.29	106		75 - 115
cis-1,3-Dichloropropene	5.00	5.71	114		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	94	70	127	
2037-26-5	Toluene-d8	110	83	125	
1868-53-7	Dibromofluoromethane	106	77	119	
460-00-4	4-Bromofluorobenzene	100	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C140378	**MS Lab Sample ID:**	D7C140402-001S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ3R31AC
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 11:50
Basis:	Wet	**Date/Time Received:**	03/14/07 15:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/23/07 22:57
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	5.00	0.17		4.44	89		77 - 117
1,1,1-Trichloroethane	5.00	0.16		4.23	85		78 - 118
1,1,2,2-Tetrachloroethane	5.00	0.20		5.58	112		73 - 119
1,1,2-Trichloroethane	5.00	0.32		5.45	109	L1	76 - 116
1,1-Dichloroethane	5.00	0.16		4.75	95		77 - 117
1,1-Dichloroethene	5.00	0.14		5.39	108		68 - 133
1,1-Dichloropropene	5.00	0.15		4.36	87		75 - 115
1,2,3-Trichlorobenzene	5.00	0.18		5.32	106		66 - 123
1,2,3-Trichloropropane	5.00	0.27		4.48	90		72 - 120
1,2,4-Trichlorobenzene	5.00	0.32		4.97	99		73 - 121
1,2,4-Trimethylbenzene	5.00	0.14		4.49	90		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	5.00	1.5		5.57	111		65 - 117
1,2-Dibromoethane (EDB)	5.00	0.18		5.11	102		77 - 117
1,2-Dichlorobenzene	5.00	0.13		5.14	103		76 - 116
1,2-Dichloroethane	5.00	0.13		4.24	85		74 - 120
1,2-Dichloroethene (total)	10.0	0.15		9.55	95		78 - 118
1,2-Dichloropropane	5.00	0.13		4.82	96		76 - 116
1,3,5-Trimethylbenzene	5.00	0.14		4.46	89		77 - 117
1,3-Dichlorobenzene	5.00	0.16		4.92	98		75 - 115
1,3-Dichloropropane	5.00	0.15		4.84	97		75 - 115
1,4-Dichlorobenzene	5.00	0.16		5.29	106		77 - 117
2,2-Dichloropropane	5.00	0.20		3.83	77		72 - 128
2-Butanone (MEK)	10.0	1.8		7.97	80		57 - 120
2-Chlorotoluene	5.00	0.17		4.89	98		76 - 116
2-Hexanone	10.0	1.4		8.19	82		57 - 121
2-Pentanone	10.0	0.82		7.87	79		42 - 115
4-Chlorotoluene	5.00	0.17		4.77	95		78 - 118
4-Methyl-2-pentanone	10.0	0.49		9.63	96		65 - 118
Acetone	10.0	1.9		6.54	65		48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C140378	**MS Lab Sample ID:**	D7C140402-001S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ3R31AC
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 11:50
Basis:	Wet	**Date/Time Received:**	03/14/07 15:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/23/07 22:57
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	5.00	0.16		5.03	101		77 - 118
Bromobenzene	5.00	0.17		5.28	106	L1	75 - 115
Bromochloromethane	5.00	0.10		4.93	99		78 - 118
Bromodichloromethane	5.00	0.17		4.62	92		78 - 118
Bromoform	5.00	0.19		5.63	113		74 - 121
Bromomethane	5.00	0.21		4.79	96		42 - 154
Carbon disulfide	5.00	0.45		4.18	84		56 - 104
Carbon tetrachloride	5.00	0.19		4.26	85		80 - 120
Chlorobenzene	5.00	0.17		4.84	97		78 - 118
Chlorodibromomethane	5.00	0.17		5.25	105		76 - 116
Chloroethane	5.00	0.41		4.58	92		51 - 133
Chloroform	5.00	0.16		4.49	90		78 - 118
Chloromethane	5.00	0.30		5.13	103		46 - 142
cis-1,2-Dichloroethene	5.00	0.15		4.63	93		75 - 115
cis-1,3-Dichloropropene	5.00	0.16		5.23	105		76 - 116
Dibromomethane	5.00	0.17		5.05	101		77 - 117
Dichlorodifluoromethane	5.00	0.31		4.62	92		56 - 140
Ethylbenzene	5.00	0.16		5.28	106		78 - 118
Hexachlorobutadiene	5.00	0.12		4.48	90		73 - 123
Isopropylbenzene	5.00	0.19		4.48	90		71 - 111
m-Xylene & p-Xylene	10.0	0.34		10.2	102		78 - 118
Methyl tert-butyl ether	10.0	0.25		7.66	77		58 - 116
Methylene chloride	5.00	0.32		5.41	97	L1	71 - 119
n-Butylbenzene	5.00	0.14		4.67	93		76 - 117
n-Propylbenzene	5.00	0.16		4.68	94		76 - 116
Naphthalene	5.00	0.22		4.93	99		62 - 121
o-Xylene	5.00	0.19		5.25	105		77 - 117
p-Isopropyltoluene	5.00	0.17		4.26	85		76 - 113
sec-Butylbenzene	5.00	0.17		4.91	98		80 - 120

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C140378	**MS Lab Sample ID:**	D7C140402-001S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ3R31AC
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 11:50
Basis:	Wet	**Date/Time Received:**	03/14/07 15:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/23/07 22:57
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Styrene	5.00	0.17		4.81	96		77 - 117
tert-Butylbenzene	5.00	0.16		4.61	92		76 - 116
Tetrachloroethene	5.00	0.20		5.06	101		77 - 117
Toluene	5.00	0.17		5.06	101		73 - 120
trans-1,2-Dichloroethene	5.00	0.15		4.92	98		80 - 120
trans-1,3-Dichloropropene	5.00	0.19		4.98	100		72 - 117
Trichloroethene	5.00	0.16		4.68	94		78 - 122
Trichlorofluoromethane	5.00	0.29		4.13	83		63 - 135
Vinyl acetate	5.00	0.94		4.87	97		63 - 124
Vinyl chloride	5.00	0.17		4.96	99		49 - 136
Xylenes (total)	15.0	0.19		15.5	103		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	91	70	127	
460-00-4	4-Bromofluorobenzene	102	78	118	
1868-53-7	Dibromofluoromethane	106	77	119	
2037-26-5	Toluene-d8	109	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C140378	**MSD Lab Sample ID:**	D7C140402-001D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ3R31AD
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 11:50
Basis:	Wet	**Date/Time Received:**	03/14/07 15:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/23/07 23:16
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	5.00	0.17		4.79	96	7.6		77 - 117	20
1,1,1-Trichloroethane	5.00	0.16		5.01	100	17		78 - 118	20
1,1,2,2-Tetrachloroethane	5.00	0.20		6.01	120	7.4	M1	73 - 119	20
1,1,2-Trichloroethane	5.00	0.32		5.50	110	1.0	L1	76 - 116	21
1,1-Dichloroethane	5.00	0.16		5.11	102	7.2		77 - 117	21
1,1-Dichloroethene	5.00	0.14		6.76	135	22	M1 R2	68 - 133	20
1,1-Dichloropropene	5.00	0.15		5.21	104	18		75 - 115	21
1,2,3-Trichlorobenzene	5.00	0.18		5.93	119	11		66 - 123	29
1,2,3-Trichloropropane	5.00	0.27		4.83	97	7.6		72 - 120	23
1,2,4-Trichlorobenzene	5.00	0.32		5.49	110	9.8		73 - 121	25
1,2,4-Trimethylbenzene	5.00	0.14		5.04	101	11		77 - 117	20
1,2-Dibromo-3-chloroprop	5.00	1.5		4.93	99	12		65 - 117	22
1,2-Dibromoethane (EDB)	5.00	0.18		5.26	105	3.0		77 - 117	20
1,2-Dichlorobenzene	5.00	0.13		4.92	98	4.3		76 - 116	20
1,2-Dichloroethane	5.00	0.13		5.03	101	17		74 - 120	20
1,2-Dichloroethene (total)	10.0	0.15		11.2	112	16		78 - 118	20
1,2-Dichloropropane	5.00	0.13		4.62	92	4.2		76 - 116	20
1,3,5-Trimethylbenzene	5.00	0.14		5.02	100	12		77 - 117	20
1,3-Dichlorobenzene	5.00	0.16		5.30	106	7.5		75 - 115	20
1,3-Dichloropropane	5.00	0.15		5.29	106	8.7		75 - 115	20
1,4-Dichlorobenzene	5.00	0.16		5.32	106	0.42		77 - 117	23
2,2-Dichloropropane	5.00	0.20		4.81	96	23		72 - 128	24
2-Butanone (MEK)	10.0	1.8		10.2	102	24		57 - 120	32
2-Chlorotoluene	5.00	0.17		5.05	101	3.2		76 - 116	20
2-Hexanone	10.0	1.4		10.7	107	26	R5	57 - 121	25

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C140378	**MSD Lab Sample ID:**	D7C140402-001D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ3R31AD
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 11:50
Basis:	Wet	**Date/Time Received:**	03/14/07 15:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/23/07 23:16
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Pentanone	10.0	0.82		8.96	90	13		42 - 115	26
4-Chlorotoluene	5.00	0.17		4.85	97	1.5		78 - 118	20
4-Methyl-2-pentanone	10.0	0.49		9.50	95	1.4		65 - 118	22
Acetone	10.0	1.9		8.83	88	30		48 - 130	41
Benzene	5.00	0.16		5.41	108	7.2		77 - 118	20
Bromobenzene	5.00	0.17		5.11	102	3.3	L1	75 - 115	20
Bromochloromethane	5.00	0.10		5.73	115	15		78 - 118	20
Bromodichloromethane	5.00	0.17		4.35	87	6.0		78 - 118	20
Bromoform	5.00	0.19		5.59	112	0.67		74 - 121	21
Bromomethane	5.00	0.21		6.01	120	22		42 - 154	24
Carbon disulfide	5.00	0.45		4.59	92	9.2		56 - 104	20
Carbon tetrachloride	5.00	0.19		5.07	101	17		80 - 120	21
Chlorobenzene	5.00	0.17		5.13	103	5.8		78 - 118	20
Chlorodibromomethane	5.00	0.17		5.41	108	2.9		76 - 116	20
Chloroethane	5.00	0.41		5.47	109	18		51 - 133	25
Chloroform	5.00	0.16		5.42	108	19		78 - 118	20
Chloromethane	5.00	0.30		6.32	126	21		46 - 142	24
cis-1,2-Dichloroethene	5.00	0.15		5.76	115	22	R5	75 - 115	20
cis-1,3-Dichloropropene	5.00	0.16		5.15	103	1.5		76 - 116	20
Dibromomethane	5.00	0.17		4.73	95	6.3		77 - 117	20
Dichlorodifluoromethane	5.00	0.31		6.01	120	26	R5	56 - 140	24
Ethylbenzene	5.00	0.16		4.97	99	6.0		78 - 118	26
Hexachlorobutadiene	5.00	0.12		4.72	94	5.1		73 - 123	25
Isopropylbenzene	5.00	0.19		4.60	92	2.6		71 - 111	20
m-Xylene & p-Xylene	10.0	0.34		10.4	104	1.9		78 - 118	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C140378	**MSD Lab Sample ID:**	D7C140402-001D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ3R31AD
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 11:50
Basis:	Wet	**Date/Time Received:**	03/14/07 15:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/23/07 19:35
QC Batch ID:	7085066	**Date/Time Analyzed:**	03/23/07 23:16
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Methyl tert-butyl ether	10.0	0.25		8.88	89	15		58 - 116	21
Methylene chloride	5.00	0.32		6.40	116	17	L1	71 - 119	20
n-Butylbenzene	5.00	0.14		5.09	102	8.7		76 - 117	21
n-Propylbenzene	5.00	0.16		4.84	97	3.3		76 - 116	20
Naphthalene	5.00	0.22		5.22	104	5.6		62 - 121	32
o-Xylene	5.00	0.19		5.00	100	4.8		77 - 117	20
p-Isopropyltoluene	5.00	0.17		4.69	94	9.8		76 - 113	20
sec-Butylbenzene	5.00	0.17		5.03	101	2.5		80 - 120	21
Styrene	5.00	0.17		4.78	96	0.50		77 - 117	20
tert-Butylbenzene	5.00	0.16		4.77	95	3.6		76 - 116	21
Tetrachloroethene	5.00	0.20		4.91	98	3.1		77 - 117	20
Toluene	5.00	0.17		5.24	105	3.6		73 - 120	20
trans-1,2-Dichloroethene	5.00	0.15		5.44	109	10		80 - 120	24
trans-1,3-Dichloropropene	5.00	0.19		5.61	112	12		72 - 117	20
Trichloroethene	5.00	0.16		4.37	87	6.9		78 - 122	20
Trichlorofluoromethane	5.00	0.29		5.05	101	20		63 - 135	20
Vinyl acetate	5.00	0.94		4.83	97	0.88		63 - 124	24
Vinyl chloride	5.00	0.17		6.25	125	23		49 - 136	24
Xylenes (total)	15.0	0.19		15.4	103	0.34		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	108	70	127	
460-00-4	4-Bromofluorobenzene	105	78	118	
1868-53-7	Dibromofluoromethane	122	77	119	S1
2037-26-5	Toluene-d8	117	83	125	

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	RR7483.D
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C260000-066B
Matrix:	WATER	**Lab Work Order:**	JRP591AA
Analysis Method:	8260B	**Date/Time Extracted:**	03/23/07 19:35
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	03/23/07 21:40
QC Batch ID:	7085066	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-60A-7A1	JQ3K21AA	RR7483.D	03/24/07	04:21
PL-504-7A1	JQ3K51AA	RR7484.D	03/24/07	04:40
LAB MS/MSD MS	JQ3R31AC S	RR7466.D	03/23/07	22:57
LAB MS/MSD MSD	JQ3R31AD D	RR7467.D	03/23/07	23:16
CHECK SAMPLE	JRP591AC C	RR7460.D	03/23/07	21:02

STL

Semivolatile GC

Lot ID: D7C140378

Client: CH2M Hill

Method: SW846 8015B DRO

Associated Samples: 003 – 005, 008, 010, 018, 021 - 023

Batch: 7073633

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-7A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-003
Matrix:	WATER	**Lab WorkOrder:**	JQ3JH1AC
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:25
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/14/07 19
QC Batch ID:	7073633	**Date/Time Analyzed:**	03/21/07 12:45
Sample Aliquot:	946 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1[illegible]67	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2[illegible]10	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	106	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-127A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-004
Matrix:	WATER	**Lab WorkOrder:**	JQ3JJ1AC
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 08:14
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/14/07 19
QC Batch ID:	7073633	**Date/Time Analyzed:**	03/21/07 13:22
Sample Aliquot:	957 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	112	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-503-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-005
Matrix:	WATER	**Lab WorkOrder:**	JQ3JM1AC
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 08:39
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/14/07 19
QC Batch ID:	7073633	**Date/Time Analyzed:**	03/21/07 13:59
Sample Aliquot:	937 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.033**	0.032	0.25	E4	J
Q2210	TPH C10-C32	**0.047**	0.032	0.25	E4	J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50	E8	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	99	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-201A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-007
Matrix:	WATER	**Lab WorkOrder:**	JQ3JX1AC
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 10:53
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/14/07 19
QC Batch ID:	7073633	**Date/Time Analyzed:**	03/21/07 14:36
Sample Aliquot:	915 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1267	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1270	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	114	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-58A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-008
Matrix:	WATER	**Lab WorkOrder:**	JQ3J21AC
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 12:13
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/14/07 19
QC Batch ID:	7073633	**Date/Time Analyzed:**	03/21/07 15:13
Sample Aliquot:	893 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.058**	0.032	0.25	E4	J
Q2210	TPH C10-C32	**0.061**	0.032	0.25	E4	J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50	E8	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	110	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-46A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-010
Matrix:	WATER	**Lab WorkOrder:**	JQ3J51AC
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 13:09
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/14/07 19
QC Batch ID:	7073633	**Date/Time Analyzed:**	03/21/07 17:04
Sample Aliquot:	879 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.13**	0.032	0.25	E4	J
Q2210	TPH C10-C32	**0.14**	0.032	0.25	E4	J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50	E8	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	107	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-59A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-018
Matrix:	WATER	**Lab WorkOrder:**	JQ3KR1AC
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 09:42
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/14/07 19
QC Batch ID:	7073633	**Date/Time Analyzed:**	03/21/07 17:41
Sample Aliquot:	1053 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q[illegible]10	TPH C10-C32	ND	0.032	0.25		
Q1[illegible]70	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-[illegible]5-1	o-Terphenyl	104	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-61A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-021
Matrix:	WATER	**Lab WorkOrder:**	JQ3K11AC
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 14:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/14/07 19
QC Batch ID:	7073633	**Date/Time Analyzed:**	03/21/07 18:18
Sample Aliquot:	1051 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	95	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-60A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-022
Matrix:	WATER	**Lab WorkOrder:**	JQ3K21AC
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 15:30
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/14/07 19
QC Batch ID:	7073633	**Date/Time Analyzed:**	03/21/07 18:54
Sample Aliquot:	1042 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	108	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-504-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-023
Matrix:	WATER	**Lab WorkOrder:**	JQ3K51AC
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 15:40
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/14/07 19
QC Batch ID:	7073633	**Date/Time Analyzed:**	03/21/07 19:31
Sample Aliquot:	1033 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q[illegible]67	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q[illegible]70	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
8[illegible]5-1	o-Terphenyl	109	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140000-633B
Matrix:	WATER	**Lab WorkOrder:**	JQ3VF1AD
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/14/07 19:00
QC Batch ID:	7073633	**Date/Time Analyzed:**	03/21/07 11:31
Sample Aliquot:	1000 mL	**Instrument ID:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1767	Diesel Range Organics (C10-C28)	0.032	0.032	0.25	
Q1770	TPH quantitated as Motor Oil(C24-C36)	0.056	0.056	0.50	
Q2210	TPH C10-C32	0.032	0.032	0.25	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	110	48	117	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09KI01

Lot/SDG Number: D7C140378 **QC Batch ID:** 7073633

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-58A-7A1	JQ3J21AC	110								0
ASE-46A-7A1	JQ3J51AC	107								0
BC-7A-7A1	JQ3JH1AC	106								0
ASE-127A-7A1	JQ3JJ1AC	112								0
PL-503-7A1	JQ3JM1AC	99								0
PL-201A-7A1	JQ3JX1AC	114								0
ASE-61A-7A1	JQ3K11AC	95								0
ASE-60A-7A1	JQ3K21AC	108								0
PL-504-7A1	JQ3K51AC	109								0
ASE-59A-7A1	JQ3KR1AC	104								0
CHECK SAMPLE	JQ3VF1AC	90								0
INTRA-LAB BLANK	JQ3VF1AD	110								0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	o-Terphenyl	50	115

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140000-633C
Matrix:	WATER	**Lab WorkOrder:**	JQ3VF1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/14/07 19:00
QC Batch ID:	7073633	**Date/Time Analyzed:**	03/21/07 12:08
Sample Aliquot:	1000 mL	**Instrument ID:**	U
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Diesel Range Organics (C10-C28)	2.00	1.77	88		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	90	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	046B4601.
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140000-633B
Matrix:	WATER	**Lab Work Order:**	JQ3VF1AD
Analysis Method:	8015B	**Date/Time Extracted:**	03/14/07 19:00
Extraction Method:	I09KI01	**Date/Time Analyzed:**	03/21/07 11:31
QC Batch ID:	7073633	**Instrument ID:**	U

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-58A-7A1	JQ3J21AC	046B4601.	03/21/07	15:13
ASE-46A-7A1	JQ3J51AC	049B4901.	03/21/07	17:04
BC-7A-7A1	JQ3JH1AC	042B4201.	03/21/07	12:45
ASE-127A-7A1	JQ3JJ1AC	043B4301.	03/21/07	13:22
PL-503-7A1	JQ3JM1AC	044B4401.	03/21/07	13:59
PL-201A-7A1	JQ3JX1AC	045B4501.	03/21/07	14:36
ASE-61A-7A1	JQ3K11AC	051B5101.	03/21/07	18:18
ASE-60A-7A1	JQ3K21AC	052B5201.	03/21/07	18:54
PL-504-7A1	JQ3K51AC	053B5301.	03/21/07	19:31
ASE-59A-7A1	JQ3KR1AC	050B5001.	03/21/07	17:41
CHECK SAMPLE	JQ3VF1AC C	041B4101.	03/21/07	12:08

STL

HPLC

Lot ID: D7C140378

Client: CH2M Hill

Method: SW846 8310

Associated Samples: 004

Batch: 7078502

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-127A-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-004
Matrix:	WATER	**Lab WorkOrder:**	JQ3JJ1AD
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 08:14
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078502	**Date/Time Analyzed:**	03/21/07 09:32
Sample Aliquot:	976 mL	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
83-32-9	Acenaphthene	ND	1.0	L2	
208-96-8	Acenaphthylene	ND	1.0		
120-12-7	Anthracene	ND	0.30		
56-55-3	Benzo(a)anthracene	ND	0.20		
50-32-8	Benzo(a)pyrene	ND	0.20		
205-99-2	Benzo(b)fluoranthene	ND	0.20		
191-24-2	Benzo(ghi)perylene	ND	0.20		
207-08-9	Benzo(k)fluoranthene	ND	0.10		
218-01-9	Chrysene	ND	0.20		
53-70-3	Dibenzo(a,h)anthracene	ND	0.30		
206-44-0	Fluoranthene	ND	0.40		
86-73-7	Fluorene	ND	0.30		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20		
91-20-3	Naphthalene	ND	1.0		
85-01-8	Phenanthrene	ND	0.30		
129-00-0	Pyrene	ND	0.20		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
1718-51-0	Terphenyl-d14	89	70	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C190000-502B
Matrix:	WATER	**Lab WorkOrder:**	JRCRJ1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078502	**Date/Time Analyzed:**	03/21/07 07:30
Sample Aliquot:	1000 mL	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	0.043	0.043	1.0	L2
120-12-7	Anthracene	0.061	0.061	0.30	
206-44-0	Fluoranthene	0.081	0.081	0.40	
86-73-7	Fluorene	0.099	0.099	0.30	
193-39-5	Indeno(1,2,3-cd)pyrene	0.047	0.047	0.20	
91-20-3	Naphthalene	0.056	0.056	1.0	
56-55-3	Benzo(a)anthracene	0.032	0.032	0.20	
205-99-2	Benzo(b)fluoranthene	0.053	0.053	0.20	
207-08-9	Benzo(k)fluoranthene	0.023	0.023	0.10	
191-24-2	Benzo(ghi)perylene	0.020	0.020	0.20	
50-32-8	Benzo(a)pyrene	0.053	0.053	0.20	
85-01-8	Phenanthrene	0.095	0.095	0.30	
129-00-0	Pyrene	0.043	0.043	0.20	
53-70-3	Dibenzo(a,h)anthracene	0.055	0.055	0.30	
208-96-8	Acenaphthylene	0.043	0.043	1.0	
218-01-9	Chrysene	0.028	0.028	0.20	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	89	70	115	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09SG01

Lot/SDG Number: D7C140378 **QC Batch ID:** 7078502

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-127A-7A1	JQ3JJ1AD	89								0
INTRA-LAB BLANK	JRCRJ1AA	89								0
CHECK SAMPLE	JRCRJ1AC	86								0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	Terphenyl-d14	70	115

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C190000-502C
Matrix:	WATER	**Lab WorkOrder:**	JRCRJ1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078502	**Date/Time Analyzed:**	03/21/07 08:01
Sample Aliquot:	1000 mL	**Instrument ID:**	G1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Fluorene	20.0	13.2	66		58 - 116
Indeno(1,2,3-cd)pyrene	20.0	18.3	92		72 - 115
Naphthalene	20.0	12.5	63		56 - 115
Benzo(a)pyrene	20.0	18.0	90		68 - 115
Pyrene	20.0	17.4	87		72 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	86	70	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	34
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C190000-502B
Matrix:	WATER	**Lab Work Order:**	JRCRJ1AA
Analysis Method:	8310	**Date/Time Extracted:**	03/19/07 14:15
Extraction Method:	I09SG01	**Date/Time Analyzed:**	03/21/07 07:30
QC Batch ID:	7078502	**Instrument ID:**	G1

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-127A-7A1	JQ3JJ1AD	34	03/21/07	09:32
CHECK SAMPLE	JRCRJ1AC C	32	03/21/07	08:01

STL

HPLC

Lot ID: D7C140378

Client: CH2M Hill

Method: SW846 8310

Associated Samples: 005

Batch: 7078396

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-503-7A1
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C140378-005
Matrix:	WATER	**Lab WorkOrder:**	JQ3JM1AD
% Moisture:	N/A	**Date/Time Collected:**	03/12/07 08:39
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 11:04
Sample Aliquot:	965 mL	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
83-32-9	Acenaphthene	ND	1.0		
208-96-8	Acenaphthylene	ND	1.0		
120-12-7	Anthracene	ND	0.30		
56-55-3	Benzo(a)anthracene	ND	0.20		
50-32-8	Benzo(a)pyrene	ND	0.20		
205-99-2	Benzo(b)fluoranthene	ND	0.20		
191-24-2	Benzo(ghi)perylene	ND	0.20		
207-08-9	Benzo(k)fluoranthene	ND	0.10		
218-01-9	Chrysene	ND	0.20		
53-70-3	Dibenzo(a,h)anthracene	ND	0.30		
206-44-0	Fluoranthene	ND	0.40		
86-73-7	Fluorene	ND	0.30		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20		
91-20-3	Naphthalene	ND	1.0		
85-01-8	Phenanthrene	ND	0.30		
129-00-0	Pyrene	ND	0.20		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
1718-51-0	Terphenyl-d14	95	70	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C190000-396B
Matrix:	WATER	**Lab WorkOrder:**	JRCE41AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 10:03
Sample Aliquot:	1000 mL	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	0.043	0.043	1.0	
120-12-7	Anthracene	0.061	0.061	0.30	
206-44-0	Fluoranthene	0.081	0.081	0.40	
86-73-7	Fluorene	0.099	0.099	0.30	
193-39-5	Indeno(1,2,3-cd)pyrene	0.047	0.047	0.20	
91-20-3	Naphthalene	0.056	0.056	1.0	
56-55-3	Benzo(a)anthracene	0.032	0.032	0.20	
205-99-2	Benzo(b)fluoranthene	0.053	0.053	0.20	
207-08-9	Benzo(k)fluoranthene	0.023	0.023	0.10	
191-24-2	Benzo(ghi)perylene	0.020	0.020	0.20	
50-32-8	Benzo(a)pyrene	0.053	0.053	0.20	
85-01-8	Phenanthrene	0.095	0.095	0.30	
129-00-0	Pyrene	0.043	0.043	0.20	
53-70-3	Dibenzo(a,h)anthracene	0.055	0.055	0.30	
208-96-8	Acenaphthylene	0.043	0.043	1.0	
218-01-9	Chrysene	0.028	0.028	0.20	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	100	70	115	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09SG01

Lot/SDG Number: D7C140378 **QC Batch ID:** 7078396

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
PL-503-7A1	JQ3JM1AD	95								0
LAB MS/MSD MS	JQ84K1AJ	98								0
LAB MS/MSD MSD	JQ84K1AK	101								0
INTRA-LAB BLANK	JRCE41AA	100								0
CHECK SAMPLE	JRCE41AC	101								0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	Terphenyl-d14	70	115

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C190000-396C
Matrix:	WATER	**Lab WorkOrder:**	JRCE41AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 10:33
Sample Aliquot:	1000 mL	**Instrument ID:**	G1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Fluorene	20.0	21.0	105		58 - 116
Indeno(1,2,3-cd)pyrene	20.0	21.5	107		72 - 115
Naphthalene	20.0	16.9	84		56 - 115
Benzo(a)pyrene	20.0	21.8	109		68 - 115
Pyrene	20.0	21.9	110		72 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	101	70	115	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C140378	**MS Lab Sample ID:**	D7C160389-006S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ84K1AJ
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 14:38
MS Sample Aliquot:	843 mL	**Instrument ID:**	G1
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzo(a)pyrene	23.7	0.053		24.6	104		68 - 115
Fluorene	23.7	0.099		25.7	108		58 - 116
Indeno(1,2,3-cd)pyrene	23.7	0.047		22.5	95		72 - 115
Naphthalene	23.7	0.056		22.0	93		56 - 115
Pyrene	23.7	0.043		25.5	107		72 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	98	70	115	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C140378	**MSD Lab Sample ID:**	D7C160389-006D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ84K1AK
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 15:09
MSD Sample Aliquot:	819 mL	**Instrument ID:**	G1
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Benzo(a)pyrene	24.4	0.053		24.9	102	1.3		68 - 115	20
Fluorene	24.4	0.099		27.4	112	6.4		58 - 116	27
Indeno(1,2,3-cd)pyrene	24.4	0.047		22.8	93	1.2		72 - 115	20
Naphthalene	24.4	0.056		23.7	97	7.7		56 - 115	21
Pyrene	24.4	0.043		26.8	110	5.2		72 - 115	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	101	70	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	37
Lot/SDG Number:	D7C140378	**Lab Sample ID:**	D7C190000-396B
Matrix:	WATER	**Lab Work Order:**	JRCE41AA
Analysis Method:	8310	**Date/Time Extracted:**	03/19/07 14:15
Extraction Method:	I09SG01	**Date/Time Analyzed:**	03/21/07 10:03
QC Batch ID:	7078396	**Instrument ID:**	G1

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
PL-503-7A1	JQ3JM1AD	37	03/21/07	11:04
LAB MS/MSD MS	JQ84K1AJ S	43	03/21/07	14:38
LAB MS/MSD MSD	JQ84K1AK D	44	03/21/07	15:09
CHECK SAMPLE	JRCE41AC C	36	03/21/07	10:33

4.7, 2.6 IR1
3/14/07

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC # : 37380_070312B
Page 1 of 1
Lab Use Only
Project No:
Job No.

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: ~~Mike Wiese~~ Rich Randall
Project Number:
Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐
Normal TAT

	Sample Identification: Location ID	Field Sample ID	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS / MSD	Filtered Sample	Unfiltered Sample	SW8015	SW8260	SW8310	Level IV QA/QC	24 hr TAT	Lab Sample Numbers
1	Trip Blank	TB-031207B	Mar 12 2007	0707	BLKWATER	WATER	~~3~~ 2	X			X		X		X		
* 2	EQUIPBLANK	PL-501-7A1	Mar 12 2007	0727	BLKWATER	WATER	3	X			X		X		X	* 24 hr TAT	
3	BC-7A	BC-7A-7A1	Mar 12 2007	0925	GW	WATER	5	X			X	X	X		X		
4	ASE-127A	ASE-127A-7A1	Mar 12 2007	0814	GW	WATER	7	X			X	X	X	X	X		
5	FIELDQC	PL-503-7A1	Mar 12 2007	0839	GW	WATER	7	X			X	X	X	X	X		
6	BC-6	BC-6-7A1	Mar 12 2007	1140	GW	WATER	3	X			X		X		X		
7	PL-201A	PL-201A-7A1	Mar 12 2007	1053	GW	WATER	5	X			X	X	X		X		
8	ASE-58A	ASE-58A-7A1	Mar 12 2007	1213	GW	WATER	5	X			X	X	X		X		
9	ASE-46B	ASE-46B-7A1	Mar 12 2007	1430	GW	WATER	3	X			X		X		X		
10	ASE-46A	ASE-46A-7A1	Mar 12 2007	1309	GW	WATER	5	X			X	X	X		X		
11	ASE-88B	ASE-88B-7A1	Mar 12 2007	1540	GW	WATER	3	X			X		X		X		
12	BC-10C	BC-10C-7A1	"	1738	GW	WAR	3	X			X		X		~~X~~		
13	FIELD QC	PL-505-7A1	"	1748	GW	WAR	3	X			X		X		X		
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	

Special Instructions: Standard TAT 10 days.
* Grundfos pump # 1582

Relinquished by:	Company:	Date/Time:	Received by:	Company:
[signature]	HTA	03/13/07 1800	FED EX	FED EX
		3/14/07 0830	[signature]	STC

3.4 AB 3/14/07

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC # : 37380_070312A
Page 1 of 1
Lab Use Only
Project No:
Job No.

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: ~~Mike Wiese~~ Jeff Ventes
Project Number:
Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐
Normal TAT

Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

	Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS/MSD	Filtered Sample	Unfiltered Sample	SW8015	SW8260			24hr TAT										Lab Sample Numbers
	Location ID	Field Sample ID																								
1	Trip Blank	TB-031207A	Mar 12 2007	0700	BLKWATER	WATER	2	X			X		X													
2	EQUIPBLANK	PL-502-7A1	Mar 12 2007	0734	BLKWATER	WATER	3	X			X		X			* 24-hr TAT *										
3	BC-2	BC-2-7A1	Mar 12 2007	0815	GW	WATER	3	X			X		X													
4	BC-1	BC-1-7A1	Mar 12 2007	0901	GW	WATER	3	X			X		X													
5	ASE-59A	ASE-59A-7A1	Mar 12 2007	0942	GW	WATER	~~3~~ 13	X	X		X	X	X													
6	PL-102A	PL-102A-7A1	Mar 12 2007	1102	GW	WATER	3	X			X		X													
7	ASE-21C	ASE-21C-7A1	Mar 12 2007	1228	GW	WATER	3	X			X		X													
8	ASE-61A	ASE-61A-7A1	Mar 12 2007	1410	GW	WATER	5	X			X	X	X													
9	ASE-60A	ASE-60A-7A1	Mar 12 2007	1530	GW	WATER	5	X			X	X	X													
10	FIELDQC	PL-504-7A1	Mar 12 2007	1540	GW	WATER	5	X			X	X	X													
11																										
12																										
13																										
14																										
15																										
16																										
17																										
18																										
19																										
20																										
21																										
22																										
23																										

Special Instructions: Standard TAT 10 days.
Pump # 0343

Relinquished by:	Company:	Date/Time:	Received by:	Company:
[signature]	F/FA	03/13/07 / 1500	[signature]	FED EX
		3/14/07 0830	[signature]	STL

STL Denver

Sample Receiving Checklist

Lot #: D7C140378 Date/Time Received: 3/14/07 0830

Company Name & Sampling Site: Cam Hill Hardware

PM to Complete This Section: *Yes* *No*
Residual chlorine check required: ☐ ☐

Quarantined : *Yes* ☐ *No* ☐

Quote #: 69074

Special Instructions:

Time Zone:
• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): 3

Temperatures (°C): 4.7 2.6 3.4

N/A	*Yes*	*No*		*Initials*
☐	☑	☐	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	AB
	☑	☐	2. Chain of custody present? If no, document on CUR.	
	☐	☑	3. Bottles broken and/or are leaking? If yes, document on CUR.	
	☐	☑	4. Multiphasic samples obvious? If yes, document on CUR.	
	☑	☐	5. Proper container & preservatives used? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR.	
☑	☐	☐	6. pH of all samples checked and meet requirements? If no, document on CUR.	
	☑	☐	7. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.	
	☐	☐	8. Did chain of custody agree with labels ID and samples received? If no, document on CUR.	
☐	☐	☐	9. Were VOA samples without headspace? If no, document on CUR.	
☐	☐	☐	10. Were VOA vials preserved? Preservative ☑HCl ☐4±2°C ☐Sodium Thiosulfate ☐ Ascorbic Acid	
	☐	☑	11. Did samples require preservation with sodium thiosulfate?	
☐	☐	☐	12. If yes to #11, did the samples contain residual chlorine? If yes, document on CUR.	
☐	☐	☐	13. Sediment present in dissolved/filtered bottles? If yes, document on CUR.	
☐	☑	☐	14. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☐	☑	15. Receipt date(s) > 48 hours past the collection date(s)? If yes, notify PA/PM.	
	☐	☑	16. Are analyses with short holding times requested?	
	☐	☑	17. Was a quick Turn Around (TAT) requested?	

STL Denver

Sample Receiving Checklist

Lot # D7C140378

Login Checks:

Initials UH

N/A	Yes	No	
	☑	☐	18. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.
☐	☑	☐	19. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.
	☑	☐	20. Did the chain of custody includes "received by" and "relinquished" by signatures, dates, and times?
☑	☐	☐	21. Were special log in instructions read and followed?
☑	☐	☐	22. Were AFCEE metals logged for refrigerated storage?
	☑	☐	23. Were tests logged checked against the COC? Which samples were confirmed? —
☑	☐	☐	24. Was a Rush form completed for quick TAT?
☑	☐	☐	25. Was a Short Hold form completed for any short holds?
	☐	☑	26. Is "Strict ICOC" required?
	☐	☑	27. Were special archiving instructions indicated in the General Comments? If so, what were they?

Labeling and Storage Checks:

Initials [illegible]

☑	☐	☐	28. Was the subcontract COC signed and sent with samples to bottle prep?
	☑	☐	29. Were sample labels double-checked by a second person?
☑	☐	☐	30. Were sample bottles and COC double checked for dissolved/filtered metals by a second person?
	☑	☐	31. Did the sample ID, Date, and Time from label match what was logged?
☑	☐	☐	32. Were stickers for special archiving instructions affixed to each box and to the ICOC? See #27
☑	☐	☐	33. Were AFCEE metals stored refrigerated?
☑	☐	☐	34. Were "Strict ICOC" copies given to satellite storage areas?

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR).

SEVERN TRENT STL

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ANALYTICAL REPORT

Sky Harbor

Lot #: D7C150293

Daniel Moore

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Suite 400
St Louis, MO 63102

STL DENVER

Karen Kuoppala
Project Manager

April 5, 2007

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	

- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative
Lot D7C150293

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted.

The test results presented in this report meet all requirements of NELAC, and any exceptions are noted. This report shall not be reproduced, except in full, without written permission from the laboratory.

This report has been revised to make the change noted below to sample D7C150293-001 (TB-031307B-2) and to add p-isopropyltoluene to sample D7C150193-010 (BC-8B-7A1).

Sample Receiving
Thirty-four samples were received at STL Denver on March 15, 2007. The samples were received in good condition at temperatures of 4.2°C, 4.6°C, 4.8°C, and 3.8°C.

Please note that one of three vials was received broken for sample PHXA-06-7A1.

At the request of the client, the ID of sample TB-031407B was changed to TB-031307B-2.

GCMS Volatiles – SW846 8260B
Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to analytes present above the linear calibration range, samples D7C150293-004, -007, and -008 were analyzed at dilutions. The reporting limits have been adjusted relative to the dilutions required. Associated results have been flagged "D2" as per the Arizona DHS.

The LCS associated with batch 7085604 exhibited percent recoveries above the QC limits for cis-1,3-dichloropropene and 1,2,4-trimethylbenzene. This is an indicator that data may be biased high. As no detectable concentrations of these compounds are present in the associated samples, corrective action is deemed unnecessary. Associated results have been flagged "L1" as per the Arizona DHS.

The LCS associated with batch 7085605 exhibited a percent recovery above the QC limits for 1,1,2-trichloroethane. This is an indicator that data may be biased high. As no detectable concentrations of this compound are present in the associated samples, corrective action is deemed unnecessary. Associated results have been flagged "L1" as per the Arizona DHS.

The MS/MSD associated with batch 7085604 was performed on D7C150293-010 and exhibited spike compound recoveries above the control limits for 1,1-dichloroethane, 1,1,2-trichloroethane, and 1,2-dibromo-3-chloropropane. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines. Associated results have been flagged "M1" as per the Arizona DHS.

The MS/MSD associated with batch 7085605 was performed on D7C150293-032 and exhibited spike compound recoveries and RPD values outside the control limits for multiple compounds. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines. Associated results have been flagged "M1", "M2", or "R2" as appropriate as per the Arizona DHS

The MS/MSDs associated with batches 7085291 and 7089102 were performed on samples from other clients and/or lots and exhibited spike compound recoveries and/or RPD values outside the control limits for several compounds. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines. As unrelated samples were spiked, flags were not applied.

GC Semivolatiles Diesel Range Organics – SW846 8015B
The requested carbon ranges for DRO include the range from C10 to C32. The summation of C10 to C28 and C24 to C36 were used to calculate the reported results for C10 to C32.

Matrix spikes were not requested for the samples in this lot.

HPLC PAHs – SW846 8310
Matrix spikes associated with batch 7078396 were performed on a sample from another client and/or lot and were in control.

Quality Control Definitions of Terms

Term	Definition
Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. A LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. An LCSD is a second Laboratory Control Sample.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MSs/MSDs are carried throughout the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.
Sample Duplicate	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative of the precision for other samples in the batch.
Method Detection Limit "MDL"	The method detection limit is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from replicate analyses of low level standards in a typical representative matrix.
Reporting Limit "RL"	The STL reporting limit is normally the lowest level at which measurements become quantitatively meaningful, ie., the quantitation limit, which is approximately three times the MDL. Some projects require RLs that are less than the quantitation limit to achieve particular maximum contaminant levels (MCLs) or relevant and appropriate requirements (ARARs), but RLs cannot be less than the statistically determined MDL.

Quality Control Definitions of Qualifiers

Qualifier	Definition
*	Surrogate or Relative Percent Difference (RPD) is outside control limits.
a	Spiked analyte recovery is outside control limits.
B	Organics: Method blank contamination. The associated method blank contains the target analyte at a reportable level. Inorganics: Estimated result. Result is less than the RL
COL	More than 40% difference between the primary and confirmation detector results. The lower of the two results is reported.
DIL	The concentration is estimated or not reported due to dilution.
E	Estimated result. Result concentration exceeds the calibration range.
G	Inorganics: Elevated reporting limit. The reporting limit is elevated due to matrix interference.
J	Organics: Estimated result. Result is less than RL Inorganics: Method blank contamination. The associated method blank contains the target analyte at a reportable level.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present
N	Spiked analyte recovery is outside stated control limits.
NC	The recovery and/or RPD were not calculated.
ND	The analyte was not detected at the MDL concentration and with a measurable degree of confidence can be said not to be present at or above the RL concentration.
p	Relative percent difference (RPD) is outside stated control limits.
Q	Elevated reporting limit. The reporting limit is elevated due to high analyte levels.
V	General Chemistry: Elevated reporting limit due to limited sample volume.
Wa	Post digestion spike recovery fell between 40-85% due to matrix interference.
Wb	Post digestion spike recovery fell between 115-150% due to matrix interference.
I	Percent recovery is estimated since the results exceeded the calibration range.
T1	A tentatively identified compound that did not generate a spectral match of 80% or greater. Typically called "unknown"
T2	A tentatively identified compound with a spectral match of 80% or better
T3	A tentatively identified compound that was calibrated for by the lab, but not on the client target analyte list.
IC	Diluted due to high inorganic chloride.

Arizona Data Qualifiers
Revision 2.0

Qualifier	Definition
B1	Target analyte detected in method blank at or above the method reporting limit.
B2	Non-target analyte detected in method blank and sample, producing interference.
B3	Target analyte detected in calibration blank at or above the method reporting limit.
B4	Target analyte detected in blank at/above method acceptance criteria.
B5	Target analyte detected in method blank at or above the method reporting limit, but below trigger level or **MCL**.
B6	Target analyte detected in calibration blank at or above the method reporting limit, but below trigger level or **MCL**.
B7	Target analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10x above the concentration found in the method blank.
C1	Confirmatory analysis not performed as required by the method.
C3	Qualitative confirmation performed.
C4	Confirmatory analysis was past holding time.
C5	Confirmatory analysis was past holding time. Original result not confirmed.
C6	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the higher value was reported as there was no obvious chromatographic interference.
C7	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic interference.
D1	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analytes.
D3	Sample dilution required due to insufficient sample.
D4	Minimum reporting level (MRL) adjusted to reflect sample amount received and analyzed.
E1	Concentration estimated. Analyte exceeded calibration range. Reanalysis is not possible due to insufficient sample.
E2	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to sample matrix.
E3	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL).
E5	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL), but not confirmed by alternate analysis.
E6	Concentration estimated. Internal standard recoveries did not meet method acceptance criteria.
E7	Concentration estimated. Internal standard recoveries did not meet lab acceptance criteria.
E8	Analyte reported to MDL per project specifications. Target analyte was not detected in the sample.

Qualifier	Definition
H1	Sample analysis performed past holding time.
H2	Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
H3	Sample was received and analyzed past holding time.
H4	Sample was extracted past required extraction holding time, but analyzed within analysis holding time.
L1	The associated blank spike recovery was above lab acceptance limits.
L2	The associated blank spike recovery was below lab acceptance limits.
L3	The associated blank spike recovery was above method acceptance limits.
L4	The associated blank spike recovery was below method acceptance limits.
M1	Matrix spike recovery was high; the method control sample recovery was acceptable.
M2	Matrix spike recovery was low; the method control sample recovery was acceptable.
M3	The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to spike level. The method control sample recovery was acceptable.
M4	The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
M5	Analyte concentration was determined by the Method of Standard Addition (MSA).
M6	Matrix spike recovery was high. Data reported per ADEQ policy 0154.000.
M7	Matrix spike recovery was low. Data reported per ADEQ policy 0154.000.
Q1	Sample integrity was not maintained. See case narrative.
Q2	Sample received with head space.
Q3	Sample received with improper chemical preservation.
Q4	Sample received and analyzed without chemical preservation.
Q5	Sample received with inadequate chemical preservation, but preserved by the laboratory.
Q6	Sample was received above recommended temperature.
Q7	Sample inadequately dechlorinated.
Q8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
Q9	Insufficient sample received to meet method QC requirements.
Q10	Sample received in inappropriate sample container.
Q11	Sample is heterogeneous. Sample homogeneity could not be readily achieved using routine laboratory practices.

Qualifier	Definition
R1	RPD exceeded the method control limit. See case narrative.
R2	RPD exceeded the laboratory control limit. See case narrative.
R4	MS/MSD RPD exceeded the method control limit. Recovery met acceptance criteria.
R5	MS/MSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R6	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R8	Sample RPD exceeded the method control limit.
R9	Sample RPD exceeded the laboratory control limit.
R10	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic problems.
R11	The RPD calculation for MS/MSD does not provide useful information due to the varying sample weights when Encore samplers/methanol field preserved samples are used.
S1	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits.
S3	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits. No target analytes were detected in the sample.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.
S5	Surrogate recovery was below laboratory acceptance limits, but within method acceptance limits.
S6	Surrogate recovery was below laboratory and method acceptance limits. Re-extraction and/or reanalysis confirm low recovery caused by matrix effect.
S7	Surrogate recovery was below laboratory and method acceptance limits. Unable to confirm matrix effect.
S8	The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The method control sample recovery was acceptable.
S10	Surrogate recovery was above laboratory and method acceptance limits. See case narrative.
S11	Surrogate recovery was high. Data reported per ADEQ policy 0154.000.
S12	Surrogate recovery was low. Data reported per ADEQ policy 0154.000.
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.
V2	CCV recovery was above method acceptance limits. This target analyte was detected in the sample. The sample could not be reanalyzed due to insufficient sample.
V3	CCV recovery was above method acceptance limits. This target analyte was detected in the sample, but the sample was not reanalyzed. See case narrative.
V4	CCV recovery was below method acceptance limits. The sample could not be reanalyzed due to insufficient sample.

Qualifier	Definition
V5	CCV recovery after a group of samples was above acceptance limits. This target analyte was not detected in the sample. Acceptance per EPA Method 8000B.
V6	Data reported from one-point calibration criteria per ADEQ policy 0155.000.
V7	Calibration verification recovery was above the method control limits for this analyte; however the average % difference or % drift for all the analytes met method criteria.
V8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
W1	The % RSD for this compound was above 20%. The average % RSD for all compounds in the calibration met the 20% criteria as specified in EPA Method 8000B.
W2	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA Method 8260B/8270C

EXECUTIVE SUMMARY - Detection Highlights

D7C150293

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-126A-7A1 03/13/07 23:13 002				
1,1-Dichloroethane	17	2.0	ug/L	SW846 8260B
ASE-97A-7A1 03/13/07 23:51 003				
1,1-Dichloroethane	16	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	2.2	2.0	ug/L	SW846 8260B
ASE-90A-7A1 03/14/07 00:27 004				
Diesel Range Organics (C10-C28)	4.9	0.25	mg/L	SW846 8015B
TPH C10-C32	4.9	0.25	mg/L	SW846 8015B
Benzene	66	10	ug/L	SW846 8260B
Methyl tert-butyl ether	230	50	ug/L	SW846 8260B
Naphthalene	73	20	ug/L	SW846 8260B
ASE-105A-7A1 03/14/07 01:10 005				
Diesel Range Organics (C10-C28)	0.30	0.25	mg/L	SW846 8015B
TPH C10-C32	0.30	0.25	mg/L	SW846 8015B
Benzene	37	1.0	ug/L	SW846 8260B
Isopropylbenzene	9.8	2.0	ug/L	SW846 8260B
n-Propylbenzene	2.0	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	12	5.0	ug/L	SW846 8260B
Naphthalene	6.0	2.0	ug/L	SW846 8260B
ASE-112A-7A1 03/14/07 01:40 006				
Diesel Range Organics (C10-C28)	0.42	0.25	mg/L	SW846 8015B
TPH C10-C32	0.43	0.25	mg/L	SW846 8015B
Benzene	2.8	1.0	ug/L	SW846 8260B
Ethylbenzene	2.8	2.0	ug/L	SW846 8260B
sec-Butylbenzene	6.0	5.0	ug/L	SW846 8260B
Isopropylbenzene	5.2	2.0	ug/L	SW846 8260B
n-Propylbenzene	2.4	2.0	ug/L	SW846 8260B
Naphthalene	3.0	2.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7C150293

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-89A-7A1 03/14/07 02:12 007				
Diesel Range Organics (C10-C28)	9.2	0.25	mg/L	SW846 8015B
TPH C10-C32	9.2	0.25	mg/L	SW846 8015B
Benzene	440	20	ug/L	SW846 8260B
Methyl tert-butyl ether	700	100	ug/L	SW846 8260B
Naphthalene	140	40	ug/L	SW846 8260B
PL-507-7A1 03/14/07 02:22 008				
Diesel Range Organics (C10-C28)	7.9	0.25	mg/L	SW846 8015B
TPH C10-C32	7.9	0.25	mg/L	SW846 8015B
Benzene	470	20	ug/L	SW846 8260B
n-Propylbenzene	47	40	ug/L	SW846 8260B
Methyl tert-butyl ether	630	100	ug/L	SW846 8260B
Naphthalene	93	40	ug/L	SW846 8260B
BC-8C-7A1 03/14/07 10:52 009				
1,1-Dichloroethene	13	2.0	ug/L	SW846 8260B
Trichloroethene	5.2	1.0	ug/L	SW846 8260B
BC-8B-7A1 03/14/07 06:03 010				
1,1-Dichloroethane	20	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	2.8	2.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	2.8	2.0	ug/L	SW846 8260B
Vinyl chloride	2.8	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	24	5.0	ug/L	SW846 8260B
BC-8A-7A1 03/14/07 05:35 011				
1,1-Dichloroethane	2.7	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	16	2.0	ug/L	SW846 8260B
Trichloroethene	4.2	1.0	ug/L	SW846 8260B
ASE-84A-7A1 03/14/07 07:45 012				
1,1-Dichloroethane	3.2	2.0	ug/L	SW846 8260B
Trichloroethene	4.8	1.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7C150293

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-84C-7A1 03/14/07 08:34 013				
1,1-Dichloroethane	7.1	2.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	3.0	2.0	ug/L	SW846 8260B
Trichloroethene	7.6	1.0	ug/L	SW846 8260B
BC-10B-7A1 03/14/07 09:55 015				
1,1-Dichloroethane	2.8	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	8.4	2.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	8.0	2.0	ug/L	SW846 8260B
Trichloroethene	23	1.0	ug/L	SW846 8260B
ASE-107A-7A1 03/14/07 03:22 016				
Diesel Range Organics (C10-C28)	0.36	0.25	mg/L	SW846 8015B
TPH C10-C32	0.36	0.25	mg/L	SW846 8015B
Benzene	9.6	1.0	ug/L	SW846 8260B
Tetrachloroethene	1.0	1.0	ug/L	SW846 8260B
sec-Butylbenzene	5.2	5.0	ug/L	SW846 8260B
Isopropylbenzene	5.6	2.0	ug/L	SW846 8260B
n-Propylbenzene	5.6	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	5.1	5.0	ug/L	SW846 8260B
Naphthalene	9.9	2.0	ug/L	SW846 8260B
ASE-113A-7A1 03/14/07 04:30 017				
Diesel Range Organics (C10-C28)	0.037 J	0.25	mg/L	SW846 8015B
TPH C10-C32	0.049 J	0.25	mg/L	SW846 8015B
Tetrachloroethene	1.5	1.0	ug/L	SW846 8260B
Naphthalene	4.0	2.0	ug/L	SW846 8260B
BC-13-7A1 03/13/07 10:50 020				
1,1-Dichloroethene	2.1	2.0	ug/L	SW846 8260B
PL-2103-7A1 03/13/07 12:59 023				
Trichloroethene	2.0	1.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7C150293

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PL-2101-7A1 03/13/07 14:18 025				
TPH C10-C32	0.049 J	0.25	mg/L	SW846 8015B
1,1-Dichloroethane	9.5	2.0	ug/L	SW846 8260B
Vinyl chloride	6.4	1.0	ug/L	SW846 8260B
BC-4-7A1 03/13/07 15:10 026				
Trichloroethene	20	1.0	ug/L	SW846 8260B
PL-506-7A1 03/13/07 15:53 028				
Trichloroethene	1.0	1.0	ug/L	SW846 8260B
PHXA-06-7A1 03/13/07 08:04 029				
1,1-Dichloroethane	4.9	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	6.1	2.0	ug/L	SW846 8260B
Trichloroethene	3.9	1.0	ug/L	SW846 8260B
ASE-24C-7A1 03/13/07 06:49 031				
Trichloroethene	26	1.0	ug/L	SW846 8260B
ASE-75C-7A1 03/13/07 08:16 032				
Trichloroethene	3.7	1.0	ug/L	SW846 8260B
ASE-75B-7A1 03/13/07 09:03 033				
cis-1,2-Dichloroethene	3.4	2.0	ug/L	SW846 8260B
Trichloroethene	16	1.0	ug/L	SW846 8260B
ASE-75A-7A1 03/13/07 09:36 034				
1,1-Dichloroethene	2.2	2.0	ug/L	SW846 8260B
Trichloroethene	1.2	1.0	ug/L	SW846 8260B

METHODS SUMMARY

D7C150293

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3510
Polynuclear Aromatic Hydrocarbons by HPLC	SW846 8310	SW846 3510
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7C150293

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 8015B	Heather Dybas	038161
SW846 8260B	Josh Yanez	001198
SW846 8310	Heather Dybas	038161

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7C150293

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JQ5NR	001	TB-031307B-2	03/13/07	22:30
JQ5NT	002	ASE-126A-7A1	03/13/07	23:13
JQ5N4	003	ASE-97A-7A1	03/13/07	23:51
JQ5N6	004	ASE-90A-7A1	03/14/07	00:27
JQ5PC	005	ASE-105A-7A1	03/14/07	01:10
JQ5PE	006	ASE-112A-7A1	03/14/07	01:40
JQ5PG	007	ASE-89A-7A1	03/14/07	02:12
JQ5PH	008	PL-507-7A1	03/14/07	02:22
JQ5PV	009	BC-8C-7A1	03/14/07	10:52
JQ5P1	010	BC-8B-7A1	03/14/07	06:03
JQ5P3	011	BC-8A-7A1	03/14/07	05:35
JQ5P5	012	ASE-84A-7A1	03/14/07	07:45
JQ5P6	013	ASE-84C-7A1	03/14/07	08:34
JQ5P7	014	BC-10A-7A1	03/14/07	09:12
JQ5QA	015	BC-10B-7A1	03/14/07	09:55
JQ5QC	016	ASE-107A-7A1	03/14/07	03:22
JQ5QP	017	ASE-113A-7A1	03/14/07	04:30
JQ5Q3	018	TB-031307A	03/13/07	06:00
JQ5Q6	019	BC-14-7A1	03/13/07	10:10
JQ5Q7	020	BC-13-7A1	03/13/07	10:50
JQ5Q8	021	BC-15-7A1	03/13/07	06:54
JQ5Q9	022	ASE-69A-7A1	03/13/07	09:16
JQ5RA	023	PL-2103-7A1	03/13/07	12:59
JQ5RD	024	PL-2102-7A1	03/13/07	13:35
JQ5RG	025	PL-2101-7A1	03/13/07	14:18
JQ5RJ	026	BC-4-7A1	03/13/07	15:10
JQ5RK	027	ASE-54A-7A1	03/13/07	15:43
JQ5RP	028	PL-506-7A1	03/13/07	15:53
JQ5RQ	029	PHXA-06-7A1	03/13/07	08:04
JQ5RV	030	TB-031307B	03/13/07	06:35
JQ5R8	031	ASE-24C-7A1	03/13/07	06:49
JQ5TA	032	ASE-75C-7A1	03/13/07	08:16
JQ5TF	033	ASE-75B-7A1	03/13/07	09:03
JQ5TH	034	ASE-75A-7A1	03/13/07	09:36

(Continued on next page)

SAMPLE SUMMARY

D7C150293

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

D7C150293

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		7085291	7085203
002	WATER	SW846 8015B		7074462	
	WATER	SW846 8260B		7085291	7085203
	WATER	SW846 8310		7078396	7078250
003	WATER	SW846 8015B		7074462	
	WATER	SW846 8260B		7085291	7085203
004	WATER	SW846 8015B		7074462	
	WATER	SW846 8260B		7085291	7085203
005	WATER	SW846 8015B		7074462	
	WATER	SW846 8260B		7085604	7086131
006	WATER	SW846 8015B		7074462	
	WATER	SW846 8260B		7089102	7089187
007	WATER	SW846 8015B		7074462	
	WATER	SW846 8260B		7085291	7085203
008	WATER	SW846 8015B		7074462	
	WATER	SW846 8260B		7085291	7085203
009	WATER	SW846 8260B		7085291	7085203
010	WATER	SW846 8015B		7074462	
	WATER	SW846 8260B		7085604	7086131
011	WATER	SW846 8260B		7085604	7086131
012	WATER	SW846 8260B		7085604	7086131
013	WATER	SW846 8260B		7085604	7086131
014	WATER	SW846 8260B		7085604	7086131
015	WATER	SW846 8260B		7085605	7089133
016	WATER	SW846 8015B		7074462	
	WATER	SW846 8260B		7089102	7089187

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D7C150293

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
017	WATER	SW846 8015B		7074462	
	WATER	SW846 8260B		7085604	7086131
018	WATER	SW846 8260B		7085604	7086131
019	WATER	SW846 8260B		7085604	7086131
020	WATER	SW846 8260B		7085604	7086131
021	WATER	SW846 8260B		7085604	7086131
022	WATER	SW846 8260B		7085604	7086131
023	WATER	SW846 8260B		7085604	7086131
024	WATER	SW846 8015B		7074462	
	WATER	SW846 8260B		7085604	7086131
025	WATER	SW846 8015B		7074462	
	WATER	SW846 8260B		7085604	7086131
026	WATER	SW846 8260B		7085605	7089133
027	WATER	SW846 8015B		7074462	
	WATER	SW846 8260B		7085605	7089133
028	WATER	SW846 8015B		7074462	
	WATER	SW846 8260B		7085605	7089133
029	WATER	SW846 8015B		7074462	
	WATER	SW846 8260B		7085605	7089133
030	WATER	SW846 8260B		7085605	7089133
031	WATER	SW846 8260B		7085605	7089133
032	WATER	SW846 8260B		7085605	7089133
033	WATER	SW846 8260B		7085605	7089133
034	WATER	SW846 8260B		7085605	7089133

Quality Control Definitions of Terms

Term	Definition
Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. A LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. An LCSD is a second Laboratory Control Sample.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MSs/MSDs are carried throughout the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.
Sample Duplicate	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative of the precision for other samples in the batch.
Method Detection Limit "MDL"	The method detection limit is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from replicate analyses of low level standards in a typical representative matrix.
Reporting Limit "RL"	The STL reporting limit is normally the lowest level at which measurements become quantitatively meaningful, ie., the quantitation limit, which is approximately three times the MDL. Some projects require RLs that are less than the quantitation limit to achieve particular maximum contaminant levels (MCLs) or relevant and appropriate requirements (ARARs), but RLs cannot be less than the statistically determined MDL.

Quality Control Definitions of Qualifiers

Qualifier	Definition
*	Surrogate or Relative Percent Difference (RPD) is outside control limits.
a	Spiked analyte recovery is outside control limits.
B	Organics: Method blank contamination. The associated method blank contains the target analyte at a reportable level. Inorganics: Estimated result. Result is less than the RL
COL	More than 40% difference between the primary and confirmation detector results. The lower of the two results is reported.
DIL	The concentration is estimated or not reported due to dilution.
E	Estimated result. Result concentration exceeds the calibration range.
G	Inorganics: Elevated reporting limit. The reporting limit is elevated due to matrix interference.
J	Organics: Estimated result. Result is less than RL Inorganics: Method blank contamination. The associated method blank contains the target analyte at a reportable level.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present
N	Spiked analyte recovery is outside stated control limits.
NC	The recovery and/or RPD were not calculated.
ND	The analyte was not detected at the MDL concentration and with a measurable degree of confidence can be said not to be present at or above the RL concentration.
p	Relative percent difference (RPD) is outside stated control limits.
Q	Elevated reporting limit. The reporting limit is elevated due to high analyte levels.
V	General Chemistry: Elevated reporting limit due to limited sample volume.
Wa	Post digestion spike recovery fell between 40-85% due to matrix interference.
Wb	Post digestion spike recovery fell between 115-150% due to matrix interference.
I	Percent recovery is estimated since the results exceeded the calibration range.
T1	A tentatively identified compound that did not generate a spectral match of 80% or greater. Typically called "unknown"
T2	A tentatively identified compound with a spectral match of 80% or better
T3	A tentatively identified compound that was calibrated for by the lab, but not on the client target analyte list.
IC	Diluted due to high inorganic chloride.

Arizona Data Qualifiers
Revision 2.0

Qualifier	Definition
B1	Target analyte detected in method blank at or above the method reporting limit.
B2	Non-target analyte detected in method blank and sample, producing interference.
B3	Target analyte detected in calibration blank at or above the method reporting limit.
B4	Target analyte detected in blank at/above method acceptance criteria.
B5	Target analyte detected in method blank at or above the method reporting limit, but below trigger level or **MCL**.
B6	Target analyte detected in calibration blank at or above the method reporting limit, but below trigger level or **MCL**.
B7	Target analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10x above the concentration found in the method blank.
C1	Confirmatory analysis not performed as required by the method.
C3	Qualitative confirmation performed.
C4	Confirmatory analysis was past holding time.
C5	Confirmatory analysis was past holding time. Original result not confirmed.
C6	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the higher value was reported as there was no obvious chromatographic interference.
C7	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic interference.
D1	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analytes.
D3	Sample dilution required due to insufficient sample.
D4	Minimum reporting level (MRL) adjusted to reflect sample amount received and analyzed.
E1	Concentration estimated. Analyte exceeded calibration range. Reanalysis is not possible due to insufficient sample.
E2	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to sample matrix.
E3	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL).
E5	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL), but not confirmed by alternate analysis.
E6	Concentration estimated. Internal standard recoveries did not meet method acceptance criteria.
E7	Concentration estimated. Internal standard recoveries did not meet lab acceptance criteria.
E8	Analyte reported to MDL per project specifications. Target analyte was not detected in the sample.

Qualifier	Definition
H1	Sample analysis performed past holding time.
H2	Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
H3	Sample was received and analyzed past holding time.
H4	Sample was extracted past required extraction holding time, but analyzed within analysis holding time.
L1	The associated blank spike recovery was above lab acceptance limits.
L2	The associated blank spike recovery was below lab acceptance limits.
L3	The associated blank spike recovery was above method acceptance limits.
L4	The associated blank spike recovery was below method acceptance limits.
M1	Matrix spike recovery was high; the method control sample recovery was acceptable.
M2	Matrix spike recovery was low; the method control sample recovery was acceptable.
M3	The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to spike level. The method control sample recovery was acceptable.
M4	The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
M5	Analyte concentration was determined by the Method of Standard Addition (MSA).
M6	Matrix spike recovery was high. Data reported per ADEQ policy 0154.000.
M7	Matrix spike recovery was low. Data reported per ADEQ policy 0154.000.
Q1	Sample integrity was not maintained. See case narrative.
Q2	Sample received with head space.
Q3	Sample received with improper chemical preservation.
Q4	Sample received and analyzed without chemical preservation.
Q5	Sample received with inadequate chemical preservation, but preserved by the laboratory.
Q6	Sample was received above recommended temperature.
Q7	Sample inadequately dechlorinated.
Q8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
Q9	Insufficient sample received to meet method QC requirements.
Q10	Sample received in inappropriate sample container.
Q11	Sample is heterogeneous. Sample homogeneity could not be readily achieved using routine laboratory practices.

Qualifier	Definition
R1	RPD exceeded the method control limit. See case narrative.
R2	RPD exceeded the laboratory control limit. See case narrative.
R4	MS/MSD RPD exceeded the method control limit. Recovery met acceptance criteria.
R5	MS/MSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R6	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R8	Sample RPD exceeded the method control limit.
R9	Sample RPD exceeded the laboratory control limit.
R10	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic problems.
R11	The RPD calculation for MS/MSD does not provide useful information due to the varying sample weights when Encore samplers/methanol field preserved samples are used.
S1	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits.
S3	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits. No target analytes were detected in the sample.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.
S5	Surrogate recovery was below laboratory acceptance limits, but within method acceptance limits.
S6	Surrogate recovery was below laboratory and method acceptance limits. Re-extraction and/or reanalysis confirm low recovery caused by matrix effect.
S7	Surrogate recovery was below laboratory and method acceptance limits. Unable to confirm matrix effect.
S8	The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The method control sample recovery was acceptable.
S10	Surrogate recovery was above laboratory and method acceptance limits. See case narrative.
S11	Surrogate recovery was high. Data reported per ADEQ policy 0154.000.
S12	Surrogate recovery was low. Data reported per ADEQ policy 0154.000.
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.
V2	CCV recovery was above method acceptance limits. This target analyte was detected in the sample. The sample could not be reanalyzed due to insufficient sample.
V3	CCV recovery was above method acceptance limits. This target analyte was detected in the sample, but the sample was not reanalyzed. See case narrative.
V4	CCV recovery was below method acceptance limits. The sample could not be reanalyzed due to insufficient sample.

Qualifier	Definition
V5	CCV recovery after a group of samples was above acceptance limits. This target analyte was not detected in the sample. Acceptance per EPA Method 8000B.
V6	Data reported from one-point calibration criteria per ADEQ policy 0155.000.
V7	Calibration verification recovery was above the method control limits for this analyte; however the average % difference or % drift for all the analytes met method criteria.
V8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
W1	The % RSD for this compound was above 20%. The average % RSD for all compounds in the calibration met the 20% criteria as specified in EPA Method 8000B.
W2	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA Method 8260B/8270C

STL

Volatile GC/MS

Lot ID: D7C150293

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 001 - 004, 007 - 009

Batch: 7085291

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031307B-2
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-001
Matrix:	WATER	**Lab WorkOrder:**	JQ5NR1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 22:30
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 18:30
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031307B-2
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-001
Matrix:	WATER	**Lab WorkOrder:**	JQ5NR1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 22:30
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 18:30
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031307B-2
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-001
Matrix:	WATER	**Lab WorkOrder:**	JQ5NR1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 22:30
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 18:30
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	112	70	127		
2037-26-5	Toluene-d8	109	83	125		
1868-53-7	Dibromofluoromethane	111	77	119		
460-00-4	4-Bromofluorobenzene	108	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-126A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-002
Matrix:	WATER	**Lab WorkOrder:**	JQ5NT1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 23:13
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 18:49
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**17**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-126A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-002
Matrix:	WATER	**Lab WorkOrder:**	JQ5NT1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 23:13
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 18:49
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-126A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-002
Matrix:	WATER	**Lab WorkOrder:**	JQ5NT1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 23:13
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 18:49
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127	
2037-26-5	Toluene-d8	104	83	125	
1868-53-7	Dibromofluoromethane	101	77	119	
460-00-4	4-Bromofluorobenzene	101	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-97A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-003
Matrix:	WATER	**Lab WorkOrder:**	JQ5N41AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 23:51
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 19:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**16**	2.0		
75-35-4	1,1-Dichloroethene	**2.2**	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-97A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-003
Matrix:	WATER	**Lab WorkOrder:**	JQ5N41AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 23:51
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 19:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-97A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-003
Matrix:	WATER	**Lab WorkOrder:**	JQ5N41AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 23:51
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 19:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1868-53-7	Dibromofluoromethane	104	77	119	
460-00-4	4-Bromofluorobenzene	104	78	118	
17060-07-0	1,2-Dichloroethane-d4	90	70	127	
2037-26-5	Toluene-d8	106	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-90A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-004
Matrix:	WATER	**Lab WorkOrder:**	JQ5N61AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 00:27
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 19:27
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	D2	
71-55-6	1,1,1-Trichloroethane	ND	20	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	D2	
79-00-5	1,1,2-Trichloroethane	ND	10	D2	
75-34-3	1,1-Dichloroethane	ND	20	D2	
75-35-4	1,1-Dichloroethene	ND	20	D2	
563-58-6	1,1-Dichloropropene	ND	20	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	50	D2	
96-18-4	1,2,3-Trichloropropane	ND	100	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	50	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	20	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	50	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	20	D2	
95-50-1	1,2-Dichlorobenzene	ND	10	D2	
107-06-2	1,2-Dichloroethane	ND	10	D2	
78-87-5	1,2-Dichloropropane	ND	20	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	20	D2	
541-73-1	1,3-Dichlorobenzene	ND	10	D2	
142-28-9	1,3-Dichloropropane	ND	20	D2	
106-46-7	1,4-Dichlorobenzene	ND	10	D2	
594-20-7	2,2-Dichloropropane	ND	20	D2	
78-93-3	2-Butanone (MEK)	ND	100	D2	
95-49-8	2-Chlorotoluene	ND	50	D2	
591-78-6	2-Hexanone	ND	100	D2	
106-43-4	4-Chlorotoluene	ND	50	D2	
108-10-1	4-Methyl-2-pentanone	ND	100	D2	
67-64-1	Acetone	ND	200	D2	
71-43-2	Benzene	**66**	10	D2	
108-86-1	Bromobenzene	ND	50	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-90A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-004
Matrix:	WATER	**Lab WorkOrder:**	JQ5N61AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 00:27
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 19:27
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	50	D2	
75-27-4	Bromodichloromethane	ND	10	D2	
75-25-2	Bromoform	ND	50	D2	
74-83-9	Bromomethane	ND	50	D2	
75-15-0	Carbon disulfide	ND	50	D2	
56-23-5	Carbon tetrachloride	ND	20	D2	
108-90-7	Chlorobenzene	ND	10	D2	
124-48-1	Chlorodibromomethane	ND	20	D2	
75-00-3	Chloroethane	ND	50	D2	
67-66-3	Chloroform	ND	20	D2	
74-87-3	Chloromethane	ND	50	D2	
156-59-2	cis-1,2-Dichloroethene	ND	20	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	20	D2	
74-95-3	Dibromomethane	ND	20	D2	
75-71-8	Dichlorodifluoromethane	ND	50	D2	
100-41-4	Ethylbenzene	ND	20	D2	
87-68-3	Hexachlorobutadiene	ND	50	D2	
74-88-4	Iodomethane	ND	100	D2	
98-82-8	Isopropylbenzene	ND	20	D2	
1634-04-4	Methyl tert-butyl ether	**230**	50	D2	
75-09-2	Methylene chloride	ND	50	D2	
91-20-3	Naphthalene	**73**	20	D2	
104-51-8	n-Butylbenzene	ND	50	D2	
103-65-1	n-Propylbenzene	ND	20	D2	
99-87-6	p-Isopropyltoluene	ND	20	D2	
135-98-8	sec-Butylbenzene	ND	50	D2	
100-42-5	Styrene	ND	20	D2	
98-06-6	tert-Butylbenzene	ND	50	D2	
127-18-4	Tetrachloroethene	ND	10	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-90A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-004
Matrix:	WATER	**Lab WorkOrder:**	JQ5N61AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 00:27
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 19:27
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	20	D2	
156-60-5	trans-1,2-Dichloroethene	ND	20	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	20	D2	
79-01-6	Trichloroethene	ND	10	D2	
75-69-4	Trichlorofluoromethane	ND	50	D2	
108-05-4	Vinyl acetate	ND	250	D2	
75-01-4	Vinyl chloride	ND	10	D2	
1330-20-7	Xylenes (total)	ND	100	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	90	70	127	D2	
2037-26-5	Toluene-d8	114	83	125	D2	
1868-53-7	Dibromofluoromethane	102	77	119	D2	
460-00-4	4-Bromofluorobenzene	95	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-89A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-007
Matrix:	WATER	**Lab WorkOrder:**	JQ5PG1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 02:12
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 20:24
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	D2	
71-55-6	1,1,1-Trichloroethane	ND	40	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	D2	
79-00-5	1,1,2-Trichloroethane	ND	20	D2	
75-34-3	1,1-Dichloroethane	ND	40	D2	
75-35-4	1,1-Dichloroethene	ND	40	D2	
563-58-6	1,1-Dichloropropene	ND	40	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	100	D2	
96-18-4	1,2,3-Trichloropropane	ND	200	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	100	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	40	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	100	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	40	D2	
95-50-1	1,2-Dichlorobenzene	ND	20	D2	
107-06-2	1,2-Dichloroethane	ND	20	D2	
78-87-5	1,2-Dichloropropane	ND	40	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	40	D2	
541-73-1	1,3-Dichlorobenzene	ND	20	D2	
142-28-9	1,3-Dichloropropane	ND	40	D2	
106-46-7	1,4-Dichlorobenzene	ND	20	D2	
594-20-7	2,2-Dichloropropane	ND	40	D2	
78-93-3	2-Butanone (MEK)	ND	200	D2	
95-49-8	2-Chlorotoluene	ND	100	D2	
591-78-6	2-Hexanone	ND	200	D2	
106-43-4	4-Chlorotoluene	ND	100	D2	
108-10-1	4-Methyl-2-pentanone	ND	200	D2	
67-64-1	Acetone	ND	400	D2	
71-43-2	Benzene	**440**	20	D2	
108-86-1	Bromobenzene	ND	100	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-89A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-007
Matrix:	WATER	**Lab WorkOrder:**	JQ5PG1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 02:12
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 20:24
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	100	D2	
75-27-4	Bromodichloromethane	ND	20	D2	
75-25-2	Bromoform	ND	100	D2	
74-83-9	Bromomethane	ND	100	D2	
75-15-0	Carbon disulfide	ND	100	D2	
56-23-5	Carbon tetrachloride	ND	40	D2	
108-90-7	Chlorobenzene	ND	20	D2	
124-48-1	Chlorodibromomethane	ND	40	D2	
75-00-3	Chloroethane	ND	100	D2	
67-66-3	Chloroform	ND	40	D2	
74-87-3	Chloromethane	ND	100	D2	
156-59-2	cis-1,2-Dichloroethene	ND	40	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	40	D2	
74-95-3	Dibromomethane	ND	40	D2	
75-71-8	Dichlorodifluoromethane	ND	100	D2	
100-41-4	Ethylbenzene	ND	40	D2	
87-68-3	Hexachlorobutadiene	ND	100	D2	
74-88-4	Iodomethane	ND	200	D2	
98-82-8	Isopropylbenzene	ND	40	D2	
1634-04-4	Methyl tert-butyl ether	**700**	100	D2	
75-09-2	Methylene chloride	ND	100	D2	
91-20-3	Naphthalene	**140**	40	D2	
104-51-8	n-Butylbenzene	ND	100	D2	
103-65-1	n-Propylbenzene	ND	40	D2	
99-87-6	p-Isopropyltoluene	ND	40	D2	
135-98-8	sec-Butylbenzene	ND	100	D2	
100-42-5	Styrene	ND	40	D2	
98-06-6	tert-Butylbenzene	ND	100	D2	
127-18-4	Tetrachloroethene	ND	20	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-89A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-007
Matrix:	WATER	**Lab WorkOrder:**	JQ5PG1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 02:12
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 20:24
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	40	D2	
156-60-5	trans-1,2-Dichloroethene	ND	40	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	40	D2	
79-01-6	Trichloroethene	ND	20	D2	
75-69-4	Trichlorofluoromethane	ND	100	D2	
108-05-4	Vinyl acetate	ND	500	D2	
75-01-4	Vinyl chloride	ND	20	D2	
1330-20-7	Xylenes (total)	ND	200	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	107	70	127	D2	
2037-26-5	Toluene-d8	117	83	125	D2	
1868-53-7	Dibromofluoromethane	111	77	119	D2	
460-00-4	4-Bromofluorobenzene	106	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-507-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-008
Matrix:	WATER	**Lab WorkOrder:**	JQ5PH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 02:22
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 20:43
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	D2	
71-55-6	1,1,1-Trichloroethane	ND	40	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	D2	
79-00-5	1,1,2-Trichloroethane	ND	20	D2	
75-34-3	1,1-Dichloroethane	ND	40	D2	
75-35-4	1,1-Dichloroethene	ND	40	D2	
563-58-6	1,1-Dichloropropene	ND	40	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	100	D2	
96-18-4	1,2,3-Trichloropropane	ND	200	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	100	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	40	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	100	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	40	D2	
95-50-1	1,2-Dichlorobenzene	ND	20	D2	
107-06-2	1,2-Dichloroethane	ND	20	D2	
78-87-5	1,2-Dichloropropane	ND	40	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	40	D2	
541-73-1	1,3-Dichlorobenzene	ND	20	D2	
142-28-9	1,3-Dichloropropane	ND	40	D2	
106-46-7	1,4-Dichlorobenzene	ND	20	D2	
594-20-7	2,2-Dichloropropane	ND	40	D2	
78-93-3	2-Butanone (MEK)	ND	200	D2	
95-49-8	2-Chlorotoluene	ND	100	D2	
591-78-6	2-Hexanone	ND	200	D2	
106-43-4	4-Chlorotoluene	ND	100	D2	
108-10-1	4-Methyl-2-pentanone	ND	200	D2	
67-64-1	Acetone	ND	400	D2	
71-43-2	Benzene	**470**	20	D2	
108-86-1	Bromobenzene	ND	100	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-507-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-008
Matrix:	WATER	**Lab WorkOrder:**	JQ5PH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 02:22
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 20:43
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	100	D2	
75-27-4	Bromodichloromethane	ND	20	D2	
75-25-2	Bromoform	ND	100	D2	
74-83-9	Bromomethane	ND	100	D2	
75-15-0	Carbon disulfide	ND	100	D2	
56-23-5	Carbon tetrachloride	ND	40	D2	
108-90-7	Chlorobenzene	ND	20	D2	
124-48-1	Chlorodibromomethane	ND	40	D2	
75-00-3	Chloroethane	ND	100	D2	
67-66-3	Chloroform	ND	40	D2	
74-87-3	Chloromethane	ND	100	D2	
156-59-2	cis-1,2-Dichloroethene	ND	40	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	40	D2	
74-95-3	Dibromomethane	ND	40	D2	
75-71-8	Dichlorodifluoromethane	ND	100	D2	
100-41-4	Ethylbenzene	ND	40	D2	
87-68-3	Hexachlorobutadiene	ND	100	D2	
74-88-4	Iodomethane	ND	200	D2	
98-82-8	Isopropylbenzene	ND	40	D2	
1634-04-4	Methyl tert-butyl ether	**630**	100	D2	
75-09-2	Methylene chloride	ND	100	D2	
91-20-3	Naphthalene	**93**	40	D2	
104-51-8	n-Butylbenzene	ND	100	D2	
103-65-1	n-Propylbenzene	**47**	40	D2	
99-87-6	p-Isopropyltoluene	ND	40	D2	
135-98-8	sec-Butylbenzene	ND	100	D2	
100-42-5	Styrene	ND	40	D2	
98-06-6	tert-Butylbenzene	ND	100	D2	
127-18-4	Tetrachloroethene	ND	20	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-507-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-008
Matrix:	WATER	**Lab WorkOrder:**	JQ5PH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 02:22
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 20:43
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	40	D2	
156-60-5	trans-1,2-Dichloroethene	ND	40	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	40	D2	
79-01-6	Trichloroethene	ND	20	D2	
75-69-4	Trichlorofluoromethane	ND	100	D2	
108-05-4	Vinyl acetate	ND	500	D2	
75-01-4	Vinyl chloride	ND	20	D2	
1330-20-7	Xylenes (total)	ND	200	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	92	70	127	D2	
2037-26-5	Toluene-d8	109	83	125	D2	
1868-53-7	Dibromofluoromethane	103	77	119	D2	
460-00-4	4-Bromofluorobenzene	93	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8C-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-009
Matrix:	WATER	**Lab WorkOrder:**	JQ5PV1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 10:52
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 21:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	**13**	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8C-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-009
Matrix:	WATER	**Lab WorkOrder:**	JQ5PV1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 10:52
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 21:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8C-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-009
Matrix:	WATER	**Lab WorkOrder:**	JQ5PV1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 10:52
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 21:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**5.2**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	105	70	127	
2037-26-5	Toluene-d8	103	83	125	
1868-53-7	Dibromofluoromethane	108	77	119	
460-00-4	4-Bromofluorobenzene	103	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-291B
Matrix:	WATER	**Lab WorkOrder:**	JRQL01AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 13:44
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-291B
Matrix:	WATER	**Lab WorkOrder:**	JRQL01AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 13:44
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-291B
Matrix:	WATER	**Lab WorkOrder:**	JRQL01AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 13:44
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	98	70	127	
2037-26-5	Toluene-d8	110	83	125	
1868-53-7	Dibromofluoromethane	112	77	119	
460-00-4	4-Bromofluorobenzene	103	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK9H

Lot/SDG Number: D7C150293 **QC Batch ID:** 7085291

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
LAB MS/MSD MS	JQ11N1EQ	89	106	98	123					0
LAB MS/MSD MSD	JQ11N1ER	98	115	108	109					0
ASE-97A-7A1	JQ5N41AA	90	104	104	106					0
ASE-90A-7A1	JQ5N61AA	90	95	102	114					0
TB-031407B-2	JQ5NR1AA	112	108	111	109					0
ASE-126A-7A1	JQ5NT1AA	81	101	101	104					0
ASE-89A-7A1	JQ5PG1AA	107	106	111	117					0
PL-507-7A1	JQ5PH1AA	92	93	103	109					0
BC-8C-7A1	JQ5PV1AA	105	103	108	103					0
INTRA-LAB BLANK	JRQL01AA	98	103	112	110					0
CHECK SAMPLE	JRQL01AC	86	98	98	109					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-291C
Matrix:	WATER	**Lab WorkOrder:**	JRQL01AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 13:06
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	10.0	9.27	93		72 - 117
Acetone	20.0	13.3	67		48 - 130
Ethylbenzene	10.0	10.1	101		78 - 118
Trichlorofluoromethane	10.0	9.48	95		63 - 135
Hexachlorobutadiene	10.0	10.0	100		73 - 123
2-Hexanone	20.0	17.9	89		57 - 121
Isopropylbenzene	10.0	9.50	95		71 - 111
p-Isopropyltoluene	10.0	9.49	95		76 - 113
Methylene chloride	10.0	10.6	106		71 - 119
4-Methyl-2-pentanone	20.0	19.4	97		65 - 118
Naphthalene	10.0	10.0	100		62 - 121
Benzene	10.0	10.2	102		77 - 118
2-Pentanone	20.0	19.8	99		42 - 115
n-Propylbenzene	10.0	10.1	101		76 - 116
Styrene	10.0	9.46	95		77 - 117
1,1,1,2-Tetrachloroethane	10.0	10.3	103		77 - 117
1,1,2,2-Tetrachloroethane	10.0	10.9	109		73 - 119
Tetrachloroethene	10.0	9.69	97		77 - 117
Toluene	10.0	10.8	108		73 - 120
1,2,3-Trichlorobenzene	10.0	11.0	110		66 - 123
1,2,4-Trichlorobenzene	10.0	10.1	101		73 - 121
1,1,1-Trichloroethane	10.0	8.64	86		78 - 118
1,1,2-Trichloroethane	10.0	11.4	114		76 - 116
Trichloroethene	10.0	9.58	96		78 - 122
1,2,3-Trichloropropane	10.0	9.41	94		72 - 120
1,2,4-Trimethylbenzene	10.0	10.4	104		77 - 117
1,3,5-Trimethylbenzene	10.0	10.1	101		77 - 117
Vinyl acetate	10.0	8.38	84		63 - 124
Vinyl chloride	10.0	10.9	109		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-291C
Matrix:	WATER	**Lab WorkOrder:**	JRQL01AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 13:06
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	10.0	11.2	112		77 - 117
Xylenes (total)	30.0	31.4	105		77 - 117
Methyl tert-butyl ether	20.0	15.4	77		58 - 116
m-Xylene & p-Xylene	20.0	20.2	101		78 - 118
Bromobenzene	10.0	10.9	109		75 - 115
Bromochloromethane	10.0	10.5	105		78 - 118
Bromodichloromethane	10.0	9.52	95		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.0	100		65 - 117
1,2-Dibromoethane (EDB)	10.0	11.0	110		77 - 117
2-Butanone (MEK)	20.0	14.6	73		57 - 120
Bromoform	10.0	11.5	115		74 - 121
Bromomethane	10.0	10.3	103		42 - 154
n-Butylbenzene	10.0	9.46	95		76 - 117
sec-Butylbenzene	10.0	10.5	105		80 - 120
tert-Butylbenzene	10.0	9.86	99		76 - 116
Carbon disulfide	10.0	9.23	92		56 - 104
Carbon tetrachloride	10.0	8.81	88		80 - 120
Chlorobenzene	10.0	10.5	105		78 - 118
Chlorodibromomethane	10.0	10.7	107		76 - 116
Chloroethane	10.0	9.57	96		51 - 133
Chloroform	10.0	8.84	88		78 - 118
Chloromethane	10.0	10.4	104		46 - 142
2-Chlorotoluene	10.0	10.6	106		76 - 116
4-Chlorotoluene	10.0	10.2	102		78 - 118
Dibromomethane	10.0	10.1	101		77 - 117
1,2-Dichlorobenzene	10.0	10.4	104		76 - 116
1,3-Dichlorobenzene	10.0	10.4	104		75 - 115
1,4-Dichlorobenzene	10.0	10.2	102		77 - 117
Dichlorodifluoromethane	10.0	9.20	92		56 - 140

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-291C
Matrix:	WATER	**Lab WorkOrder:**	JRQL01AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 13:06
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethane	10.0	9.48	95		77 - 117
1,2-Dichloroethane	10.0	8.83	88		74 - 120
1,1-Dichloroethene	10.0	11.0	110		68 - 133
cis-1,2-Dichloroethene	10.0	9.68	97		75 - 115
trans-1,2-Dichloroethene	10.0	10.5	105		80 - 120
1,2-Dichloroethene (total)	20.0	20.2	101		78 - 118
1,2-Dichloropropane	10.0	10.1	101		76 - 116
1,3-Dichloropropane	10.0	10.8	108		75 - 115
2,2-Dichloropropane	10.0	8.73	87		72 - 128
1,1-Dichloropropene	10.0	9.59	96		75 - 115
cis-1,3-Dichloropropene	10.0	11.6	116		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	86	70	127	
2037-26-5	Toluene-d8	109	83	125	
1868-53-7	Dibromofluoromethane	98	77	119	
460-00-4	4-Bromofluorobenzene	98	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150293	**MS Lab Sample ID:**	D7C140184-001S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ11N1EQ
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 14:22
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	5.00	0.17		5.27	105		77 - 117
1,1,1-Trichloroethane	5.00	0.16		4.54	91		78 - 118
1,1,2,2-Tetrachloroethane	5.00	0.20		5.16	103		73 - 119
1,1,2-Trichloroethane	5.00	0.32		6.34	127	M1	76 - 116
1,1-Dichloroethane	5.00	0.16		5.19	104		77 - 117
1,1-Dichloroethene	5.00	0.14		6.50	130		68 - 133
1,1-Dichloropropene	5.00	0.15		4.52	90		75 - 115
1,2,3-Trichlorobenzene	5.00	0.18		5.58	108		66 - 123
1,2,3-Trichloropropane	5.00	0.27		5.24	105		72 - 120
1,2,4-Trichlorobenzene	5.00	0.32		5.27	105		73 - 121
1,2,4-Trimethylbenzene	5.00	0.14		5.63	113		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	5.00	1.5		5.08	102		65 - 117
1,2-Dibromoethane (EDB)	5.00	0.18		5.51	110		77 - 117
1,2-Dichlorobenzene	5.00	0.13		5.66	113		76 - 116
1,2-Dichloroethane	5.00	0.13		4.55	91		74 - 120
1,2-Dichloroethene (total)	10.0	0.15		11.4	114		78 - 118
1,2-Dichloropropane	5.00	0.13		4.93	99		76 - 116
1,3,5-Trimethylbenzene	5.00	0.14		5.51	110		77 - 117
1,3-Dichlorobenzene	5.00	0.16		5.68	114		75 - 115
1,3-Dichloropropane	5.00	0.15		5.48	110		75 - 115
1,4-Dichlorobenzene	5.00	0.16		5.55	111		77 - 117
2,2-Dichloropropane	5.00	0.20		4.82	96		72 - 128
2-Butanone (MEK)	10.0	1.8		7.12	71		57 - 120
2-Chlorotoluene	5.00	0.17		5.73	115		76 - 116
2-Hexanone	10.0	1.4		7.34	73		57 - 121
2-Pentanone	10.0	0.82		9.06	91		42 - 115
4-Chlorotoluene	5.00	0.17		5.49	110		78 - 118
4-Methyl-2-pentanone	10.0	0.49		9.69	97		65 - 118
Acetone	10.0	1.9		6.08	61		48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150293	**MS Lab Sample ID:**	D7C140184-001S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ11N1EQ
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 14:22
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	5.00	0.16		5.08	102		77 - 118
Bromobenzene	5.00	0.17		6.47	129	M1	75 - 115
Bromochloromethane	5.00	0.10		5.25	105		78 - 118
Bromodichloromethane	5.00	0.17		4.60	92		78 - 118
Bromoform	5.00	0.19		5.66	113		74 - 121
Bromomethane	5.00	0.21		5.77	115		42 - 154
Carbon disulfide	5.00	0.45		5.04	101		56 - 104
Carbon tetrachloride	5.00	0.19		4.62	92		80 - 120
Chlorobenzene	5.00	0.17		5.58	112		78 - 118
Chlorodibromomethane	5.00	0.17		5.35	107		76 - 116
Chloroethane	5.00	0.41		5.33	107		51 - 133
Chloroform	5.00	0.16		4.79	96		78 - 118
Chloromethane	5.00	0.30		6.12	122		46 - 142
cis-1,2-Dichloroethene	5.00	0.15		5.25	105		75 - 115
cis-1,3-Dichloropropene	5.00	0.16		6.26	125	M1	76 - 116
Dibromomethane	5.00	0.17		4.80	96		77 - 117
Dichlorodifluoromethane	5.00	0.31		5.74	115		56 - 140
Ethylbenzene	5.00	0.16		5.76	115		78 - 118
Hexachlorobutadiene	5.00	0.12		5.61	112		73 - 123
Isopropylbenzene	5.00	0.19		4.97	99		71 - 111
m-Xylene & p-Xylene	10.0	0.34		10.8	108		78 - 118
Methyl tert-butyl ether	10.0	0.25		7.83	78		58 - 116
Methylene chloride	5.00	0.32		5.65	113		71 - 119
n-Butylbenzene	5.00	0.14		5.67	113		76 - 117
n-Propylbenzene	5.00	0.16		6.30	126	M1	76 - 116
Naphthalene	5.00	0.22		5.10	102		62 - 121
o-Xylene	5.00	0.19		5.55	111		77 - 117
p-Isopropyltoluene	5.00	0.17		5.29	106		76 - 113
sec-Butylbenzene	5.00	0.17		6.21	124	M1	80 - 120

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150293	**MS Lab Sample ID:**	D7C140184-001S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ11N1EQ
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 14:22
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Styrene	5.00	0.17		4.90	98		77 - 117
tert-Butylbenzene	5.00	0.16		5.37	107		76 - 116
Tetrachloroethene	5.00	0.20		5.41	108		77 - 117
Toluene	5.00	0.17		6.27	125	M1	73 - 120
trans-1,2-Dichloroethene	5.00	0.15		6.12	122	M1	80 - 120
trans-1,3-Dichloropropene	5.00	0.19		5.80	116		72 - 117
Trichloroethene	5.00	0.16		5.02	100		78 - 122
Trichlorofluoromethane	5.00	0.29		5.33	107		63 - 135
Vinyl acetate	5.00	0.94		4.97	99		63 - 124
Vinyl chloride	5.00	0.17		5.67	113		49 - 136
Xylenes (total)	15.0	0.19		16.4	109		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	89	70	127	
460-00-4	4-Bromofluorobenzene	106	78	118	
1868-53-7	Dibromofluoromethane	98	77	119	
2037-26-5	Toluene-d8	123	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150293	**MSD Lab Sample ID:**	D7C140184-001D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ11N1ER
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 14:41
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	5.00	0.17		5.51	110	4.3		77 - 117	20
1,1,1-Trichloroethane	5.00	0.16		4.75	95	4.6		78 - 118	20
1,1,2,2-Tetrachloroethane	5.00	0.20		5.84	117	12		73 - 119	20
1,1,2-Trichloroethane	5.00	0.32		5.60	112	12		76 - 116	21
1,1-Dichloroethane	5.00	0.16		5.44	109	4.7		77 - 117	21
1,1-Dichloroethene	5.00	0.14		7.07	141	8.4	M1	68 - 133	20
1,1-Dichloropropene	5.00	0.15		4.95	99	9.3		75 - 115	21
1,2,3-Trichlorobenzene	5.00	0.18		6.44	125	14	M1	66 - 123	29
1,2,3-Trichloropropane	5.00	0.27		4.97	99	5.4		72 - 120	23
1,2,4-Trichlorobenzene	5.00	0.32		6.23	125	17	M1	73 - 121	25
1,2,4-Trimethylbenzene	5.00	0.14		5.65	113	0.42		77 - 117	20
1,2-Dibromo-3-chloroprop	5.00	1.5		6.20	124	20	M1	65 - 117	22
1,2-Dibromoethane (EDB)	5.00	0.18		5.49	110	0.33		77 - 117	20
1,2-Dichlorobenzene	5.00	0.13		5.40	108	4.6		76 - 116	20
1,2-Dichloroethane	5.00	0.13		5.03	101	10		74 - 120	20
1,2-Dichloroethene (total)	10.0	0.15		11.7	117	2.6		78 - 118	20
1,2-Dichloropropane	5.00	0.13		4.23	85	15		76 - 116	20
1,3,5-Trimethylbenzene	5.00	0.14		5.28	106	4.4		77 - 117	20
1,3-Dichlorobenzene	5.00	0.16		5.63	113	0.95		75 - 115	20
1,3-Dichloropropane	5.00	0.15		5.58	112	1.8		75 - 115	20
1,4-Dichlorobenzene	5.00	0.16		5.64	113	1.7		77 - 117	23
2,2-Dichloropropane	5.00	0.20		4.99	100	3.4		72 - 128	24
2-Butanone (MEK)	10.0	1.8		8.46	85	17		57 - 120	32
2-Chlorotoluene	5.00	0.17		5.88	118	2.7	M1	76 - 116	20
2-Hexanone	10.0	1.4		11.1	111	41	R5	57 - 121	25

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150293	**MSD Lab Sample ID:**	D7C140184-001D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ11N1ER
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 14:41
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Pentanone	10.0	0.82		8.83	88	2.6		42 - 115	26
4-Chlorotoluene	5.00	0.17		5.17	103	6.0		78 - 118	20
4-Methyl-2-pentanone	10.0	0.49		10.8	108	11		65 - 118	22
Acetone	10.0	1.9		8.15	81	29		48 - 130	41
Benzene	5.00	0.16		5.29	106	3.9		77 - 118	20
Bromobenzene	5.00	0.17		5.69	114	13		75 - 115	20
Bromochloromethane	5.00	0.10		5.24	105	0.28		78 - 118	20
Bromodichloromethane	5.00	0.17		4.29	86	7.0		78 - 118	20
Bromoform	5.00	0.19		5.97	119	5.3		74 - 121	21
Bromomethane	5.00	0.21		6.54	131	13		42 - 154	24
Carbon disulfide	5.00	0.45		5.72	114	13	M1	56 - 104	20
Carbon tetrachloride	5.00	0.19		4.96	99	7.0		80 - 120	21
Chlorobenzene	5.00	0.17		5.75	115	3.0		78 - 118	20
Chlorodibromomethane	5.00	0.17		5.77	115	7.5		76 - 116	20
Chloroethane	5.00	0.41		6.25	125	16		51 - 133	25
Chloroform	5.00	0.16		5.11	102	6.6		78 - 118	20
Chloromethane	5.00	0.30		7.01	140	14		46 - 142	24
cis-1,2-Dichloroethene	5.00	0.15		5.32	106	1.2		75 - 115	20
cis-1,3-Dichloropropene	5.00	0.16		5.95	119	5.1	M1	76 - 116	20
Dibromomethane	5.00	0.17		4.67	93	2.8		77 - 117	20
Dichlorodifluoromethane	5.00	0.31		6.68	134	15		56 - 140	24
Ethylbenzene	5.00	0.16		5.32	106	8.0		78 - 118	26
Hexachlorobutadiene	5.00	0.12		5.57	111	0.71		73 - 123	25
Isopropylbenzene	5.00	0.19		5.00	100	0.67		71 - 111	20
m-Xylene & p-Xylene	10.0	0.34		11.4	114	5.2		78 - 118	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150293	**MSD Lab Sample ID:**	D7C140184-001D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ11N1ER
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:10
Basis:	Wet	**Date/Time Received:**	03/14/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/24/07 11:29
QC Batch ID:	7085291	**Date/Time Analyzed:**	03/24/07 14:41
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Methyl tert-butyl ether	10.0	0.25		8.50	85	8.3		58 - 116	21
Methylene chloride	5.00	0.32		6.80	136	18	M1	71 - 119	20
n-Butylbenzene	5.00	0.14		5.85	117	3.0		76 - 117	21
n-Propylbenzene	5.00	0.16		5.08	102	21	R2	76 - 116	20
Naphthalene	5.00	0.22		6.47	129	24	M1	62 - 121	32
o-Xylene	5.00	0.19		5.58	112	0.60		77 - 117	20
p-Isopropyltoluene	5.00	0.17		5.44	109	2.8		76 - 113	20
sec-Butylbenzene	5.00	0.17		6.07	121	2.3	M1	80 - 120	21
Styrene	5.00	0.17		5.17	103	5.2		77 - 117	20
tert-Butylbenzene	5.00	0.16		5.78	116	7.4		76 - 116	21
Tetrachloroethene	5.00	0.20		5.38	108	0.50		77 - 117	20
Toluene	5.00	0.17		5.54	111	12		73 - 120	20
trans-1,2-Dichloroethene	5.00	0.15		6.35	127	3.8	M1	80 - 120	24
trans-1,3-Dichloropropene	5.00	0.19		5.53	111	4.8		72 - 117	20
Trichloroethene	5.00	0.16		4.41	88	13		78 - 122	20
Trichlorofluoromethane	5.00	0.29		3.25	65	49	R5	63 - 135	20
Vinyl acetate	5.00	0.94		5.33	107	6.9		63 - 124	24
Vinyl chloride	5.00	0.17		7.34	147	26	M1 R2	49 - 136	24
Xylenes (total)	15.0	0.19		17.0	113	3.6		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	98	70	127	
460-00-4	4-Bromofluorobenzene	115	78	118	
1868-53-7	Dibromofluoromethane	108	77	119	
2037-26-5	Toluene-d8	109	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	RR7496.D
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-291B
Matrix:	WATER	**Lab Work Order:**	JRQL01AA
Analysis Method:	8260B	**Date/Time Extracted:**	03/24/07 11:29
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	03/24/07 13:44
QC Batch ID:	7085291	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
LAB MS/MSD MS	JQ11N1EQ S	RR7496.D	03/24/07	14:22
LAB MS/MSD MSD	JQ11N1ER D	RR7497.D	03/24/07	14:41
ASE-97A-7A1	JQ5N41AA	RR7511.D	03/24/07	19:08
ASE-90A-7A1	JQ5N61AA	RR7512.D	03/24/07	19:27
TB-031407B-2	JQ5NR1AA	RR7509.D	03/24/07	18:30
ASE-126A-7A1	JQ5NT1AA	RR7510.D	03/24/07	18:49
ASE-89A-7A1	JQ5PG1AA	RR7515.D	03/24/07	20:24
PL-507-7A1	JQ5PH1AA	RR7516.D	03/24/07	20:43
BC-8C-7A1	JQ5PV1AA	RR7517.D	03/24/07	21:02
CHECK SAMPLE	JRQL01AC C	RR7492.D	03/24/07	13:06

STL

Volatile GC/MS

Lot ID: D7C150293

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 005, 010 - 014, 017 - 025

Batch: 7085604

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-105A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-005
Matrix:	WATER	**Lab WorkOrder:**	JQ5PC1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 01:10
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 11:00
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	L1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	**37**	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-105A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-005
Matrix:	WATER	**Lab WorkOrder:**	JQ5PC1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 01:10
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 11:00
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	L1	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	**9.8**	2.0		
1634-04-4	Methyl tert-butyl ether	**12**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**6.0**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	**2.0**	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-105A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-005
Matrix:	WATER	**Lab WorkOrder:**	JQ5PC1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 01:10
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 11:00
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	85	70	127	
2037-26-5	Toluene-d8	106	83	125	
1868-53-7	Dibromofluoromethane	100	77	119	
460-00-4	4-Bromofluorobenzene	95	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8B-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-010
Matrix:	WATER	**Lab WorkOrder:**	JQ5P11AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:03
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 11:38
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	M1	
75-34-3	1,1-Dichloroethane	**20**	2.0	M1	
75-35-4	1,1-Dichloroethene	**2.8**	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	L1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	M1	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8B-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-010
Matrix:	WATER	**Lab WorkOrder:**	JQ5P11AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:03
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 11:38
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	**2.8**	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	L1	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	**24**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8B-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-010
Matrix:	WATER	**Lab WorkOrder:**	JQ5P11AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:03
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 11:38
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	**2.8**	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	79	70	127		
2037-26-5	Toluene-d8	107	83	125		
1868-53-7	Dibromofluoromethane	98	77	119		
460-00-4	4-Bromofluorobenzene	96	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-011
Matrix:	WATER	**Lab WorkOrder:**	JQ5P31AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 05:35
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 12:54
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**2.7**	2.0		
75-35-4	1,1-Dichloroethene	**16**	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	L1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-011
Matrix:	WATER	**Lab WorkOrder:**	JQ5P31AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 05:35
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 12:54
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	L1	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-011
Matrix:	WATER	**Lab WorkOrder:**	JQ5P31AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 05:35
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 12:54
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**4.2**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	91	70	127	
2037-26-5	Toluene-d8	95	83	125	
1868-53-7	Dibromofluoromethane	103	77	119	
460-00-4	4-Bromofluorobenzene	87	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-84A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-012
Matrix:	WATER	**Lab WorkOrder:**	JQ5P51AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 07:45
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 13:13
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**3.2**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	L1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-84A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-012
Matrix:	WATER	**Lab WorkOrder:**	JQ5P51AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 07:45
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 13:13
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	L1	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-84A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-012
Matrix:	WATER	**Lab WorkOrder:**	JQ5P51AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 07:45
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 13:13
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**4.8**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	104	70	127	
2037-26-5	Toluene-d8	113	83	125	
1868-53-7	Dibromofluoromethane	103	77	119	
460-00-4	4-Bromofluorobenzene	106	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-84C-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-013
Matrix:	WATER	**Lab WorkOrder:**	JQ5P61AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 08:34
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 13:31
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**7.1**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	L1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-84C-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-013
Matrix:	WATER	**Lab WorkOrder:**	JQ5P61AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 08:34
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 13:31
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	**3.0**	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	L1	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-84C-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-013
Matrix:	WATER	**Lab WorkOrder:**	JQ5P61AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 08:34
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 13:31
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**7.6**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	95	70	127	
2037-26-5	Toluene-d8	101	83	125	
1868-53-7	Dibromofluoromethane	102	77	119	
460-00-4	4-Bromofluorobenzene	89	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-10A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-014
Matrix:	WATER	**Lab WorkOrder:**	JQ5P71AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 09:12
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 13:50
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	L1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-10A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-014
Matrix:	WATER	**Lab WorkOrder:**	JQ5P71AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 09:12
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 13:50
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	L1	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-10A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-014
Matrix:	WATER	**Lab WorkOrder:**	JQ5P71AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 09:12
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 13:50
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	92	70	127	
2037-26-5	Toluene-d8	104	83	125	
1868-53-7	Dibromofluoromethane	101	77	119	
460-00-4	4-Bromofluorobenzene	98	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-113A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-017
Matrix:	WATER	**Lab WorkOrder:**	JQ5QP1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 04:30
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 14:47
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	L1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-113A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-017
Matrix:	WATER	**Lab WorkOrder:**	JQ5QP1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 04:30
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 14:47
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	L1	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**4.0**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.5**	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-113A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-017
Matrix:	WATER	**Lab WorkOrder:**	JQ5QP1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 04:30
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 14:47
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	86	70	127	
2037-26-5	Toluene-d8	121	83	125	
1868-53-7	Dibromofluoromethane	100	77	119	
460-00-4	4-Bromofluorobenzene	82	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031307A
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-018
Matrix:	WATER	**Lab WorkOrder:**	JQ5Q31AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 06:00
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 15:06
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	L1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031307A
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-018
Matrix:	WATER	**Lab WorkOrder:**	JQ5Q31AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 06:00
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 15:06
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	L1	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031307A
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-018
Matrix:	WATER	**Lab WorkOrder:**	JQ5Q31AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 06:00
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 15:06
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	89	70	127	
2037-26-5	Toluene-d8	113	83	125	
1868-53-7	Dibromofluoromethane	103	77	119	
460-00-4	4-Bromofluorobenzene	92	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-14-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-019
Matrix:	WATER	**Lab WorkOrder:**	JQ5Q61AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 10:10
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 15:25
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	L1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-14-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-019
Matrix:	WATER	**Lab WorkOrder:**	JQ5Q61AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 10:10
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 15:25
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	L1	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-14-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-019
Matrix:	WATER	**Lab WorkOrder:**	JQ5Q61AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 10:10
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 15:25
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	85	70	127	
2037-26-5	Toluene-d8	109	83	125	
1868-53-7	Dibromofluoromethane	105	77	119	
460-00-4	4-Bromofluorobenzene	98	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-13-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-020
Matrix:	WATER	**Lab WorkOrder:**	JQ5Q71AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 10:50
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 15:44
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	**2.1**	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	L1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-13-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-020
Matrix:	WATER	**Lab WorkOrder:**	JQ5Q71AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 10:50
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 15:44
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	L1	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-13-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-020
Matrix:	WATER	**Lab WorkOrder:**	JQ5Q71AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 10:50
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 15:44
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	83	70	127	
2037-26-5	Toluene-d8	106	83	125	
1868-53-7	Dibromofluoromethane	102	77	119	
460-00-4	4-Bromofluorobenzene	95	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-15-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-021
Matrix:	WATER	**Lab WorkOrder:**	JQ5Q81AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 06:54
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 16:03
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	L1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-15-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-021
Matrix:	WATER	**Lab WorkOrder:**	JQ5Q81AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 06:54
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 16:03
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	L1	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-15-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-021
Matrix:	WATER	**Lab WorkOrder:**	JQ5Q81AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 06:54
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 16:03
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	86	70	127	
2037-26-5	Toluene-d8	107	83	125	
1868-53-7	Dibromofluoromethane	103	77	119	
460-00-4	4-Bromofluorobenzene	99	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-69A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-022
Matrix:	WATER	**Lab WorkOrder:**	JQ5Q91AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 16:22
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	L1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-69A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-022
Matrix:	WATER	**Lab WorkOrder:**	JQ5Q91AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 16:22
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	L1	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-69A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-022
Matrix:	WATER	**Lab WorkOrder:**	JQ5Q91AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 16:22
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	89	70	127	
2037-26-5	Toluene-d8	110	83	125	
1868-53-7	Dibromofluoromethane	101	77	119	
460-00-4	4-Bromofluorobenzene	103	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2103-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-023
Matrix:	WATER	**Lab WorkOrder:**	JQ5RA1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 12:59
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 16:41
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	L1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2103-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-023
Matrix:	WATER	**Lab WorkOrder:**	JQ5RA1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 12:59
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 16:41
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	L1	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2103-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-023
Matrix:	WATER	**Lab WorkOrder:**	JQ5RA1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 12:59
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 16:41
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**2.0**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	88	70	127	
2037-26-5	Toluene-d8	105	83	125	
1868-53-7	Dibromofluoromethane	104	77	119	
460-00-4	4-Bromofluorobenzene	96	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2102-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-024
Matrix:	WATER	**Lab WorkOrder:**	JQ5RD1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 13:35
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 17:00
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2102-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-024
Matrix:	WATER	**Lab WorkOrder:**	JQ5RD1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 13:35
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 17:00
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	L1	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2102-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-024
Matrix:	WATER	**Lab WorkOrder:**	JQ5RD1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 13:35
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 17:00
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	86	70	127	
2037-26-5	Toluene-d8	107	83	125	
1868-53-7	Dibromofluoromethane	101	77	119	
460-00-4	4-Bromofluorobenzene	100	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2101-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-025
Matrix:	WATER	**Lab WorkOrder:**	JQ5RG1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 14:18
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 17:19
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**9.5**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	L1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2101-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-025
Matrix:	WATER	**Lab WorkOrder:**	JQ5RG1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 14:18
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 17:19
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	L1	
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2101-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-025
Matrix:	WATER	**Lab WorkOrder:**	JQ5RG1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 14:18
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 17:19
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	**6.4**	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	83	70	127	
2037-26-5	Toluene-d8	105	83	125	
1868-53-7	Dibromofluoromethane	102	77	119	
460-00-4	4-Bromofluorobenzene	99	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-604B
Matrix:	WATER	**Lab WorkOrder:**	JRR3E1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 10:03
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	L1
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-604B
Matrix:	WATER	**Lab WorkOrder:**	JRR3E1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 10:03
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-604B
Matrix:	WATER	**Lab WorkOrder:**	JRR3E1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 10:03
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	L1

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	83	70	127	
2037-26-5	Toluene-d8	105	83	125	
1868-53-7	Dibromofluoromethane	100	77	119	
460-00-4	4-Bromofluorobenzene	97	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK9H

Lot/SDG Number: D7C150293 **QC Batch ID:** 7085604

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
BC-8B-7A1	JQ5P11AA	79	96	98	107					0
BC-8B-7A1 MS	JQ5P11AD	83	98	104	110					0
BC-8B-7A1 MSD	JQ5P11AE	84	95	102	105					0
BC-8A-7A1	JQ5P31AA	91	87	103	95					0
ASE-84A-7A1	JQ5P51AA	104	106	103	113					0
ASE-84C-7A1	JQ5P61AA	95	89	102	101					0
BC-10A-7A1	JQ5P71AA	92	98	101	104					0
ASE-105A-7A1	JQ5PC1AA	85	95	100	106					0
TB-031307A	JQ5Q31AA	89	92	103	113					0
BC-14-7A1	JQ5Q61AA	85	98	105	109					0
BC-13-7A1	JQ5Q71AA	83	95	102	106					0
BC-15-7A1	JQ5Q81AA	86	99	103	107					0
ASE-69A-7A1	JQ5Q91AA	89	103	101	110					0
ASE-113A-7A1	JQ5QP1AA	86	82	100	121					0
PL-2103-7A1	JQ5RA1AA	88	96	104	105					0
PL-2102-7A1	JQ5RD1AA	86	100	101	107					0
PL-2101-7A1	JQ5RG1AA	83	99	102	105					0
INTRA-LAB BLANK	JRR3E1AA	83	97	100	105					0
CHECK SAMPLE	JRR3E1AC	87	103	101	106					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-604C
Matrix:	WATER	**Lab WorkOrder:**	JRR3E1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 09:24
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	10.0	9.79	98		72 - 117
Acetone	20.0	16.7	84		48 - 130
Ethylbenzene	10.0	9.82	98		78 - 118
Trichlorofluoromethane	10.0	9.88	99		63 - 135
Hexachlorobutadiene	10.0	9.95	100		73 - 123
2-Hexanone	20.0	19.9	100		57 - 121
Isopropylbenzene	10.0	9.36	94		71 - 111
p-Isopropyltoluene	10.0	10.7	107		76 - 113
Methylene chloride	10.0	10.7	107		71 - 119
4-Methyl-2-pentanone	20.0	20.5	102		65 - 118
Naphthalene	10.0	11.0	110		62 - 121
Benzene	10.0	10.3	103		77 - 118
2-Pentanone	20.0	21.8	109		42 - 115
n-Propylbenzene	10.0	10.9	109		76 - 116
Styrene	10.0	8.57	86		77 - 117
1,1,1,2-Tetrachloroethane	10.0	9.90	99		77 - 117
1,1,2,2-Tetrachloroethane	10.0	10.5	105		73 - 119
Tetrachloroethene	10.0	9.52	95		77 - 117
Toluene	10.0	10.4	104		73 - 120
1,2,3-Trichlorobenzene	10.0	11.1	111		66 - 123
1,2,4-Trichlorobenzene	10.0	10.7	107		73 - 121
1,1,1-Trichloroethane	10.0	8.98	90		78 - 118
1,1,2-Trichloroethane	10.0	10.9	109		76 - 116
Trichloroethene	10.0	10.1	101		78 - 122
1,2,3-Trichloropropane	10.0	8.68	87		72 - 120
1,2,4-Trimethylbenzene	10.0	11.8	118	L1	77 - 117
1,3,5-Trimethylbenzene	10.0	10.9	109		77 - 117
Vinyl acetate	10.0	10.1	101		63 - 124
Vinyl chloride	10.0	11.7	117		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-604C
Matrix:	WATER	**Lab WorkOrder:**	JRR3E1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 09:24
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	10.0	10.4	104		77 - 117
Xylenes (total)	30.0	30.7	102		77 - 117
Methyl tert-butyl ether	20.0	15.4	77		58 - 116
m-Xylene & p-Xylene	20.0	20.3	102		78 - 118
Bromobenzene	10.0	10.8	108		75 - 115
Bromochloromethane	10.0	10.2	102		78 - 118
Bromodichloromethane	10.0	7.89	79		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.88	99		65 - 117
1,2-Dibromoethane (EDB)	10.0	10.8	108		77 - 117
2-Butanone (MEK)	20.0	19.4	97		57 - 120
Bromoform	10.0	10.5	105		74 - 121
Bromomethane	10.0	10.0	100		42 - 154
n-Butylbenzene	10.0	10.5	105		76 - 117
sec-Butylbenzene	10.0	11.4	114		80 - 120
tert-Butylbenzene	10.0	11.5	115		76 - 116
Carbon disulfide	10.0	9.57	96		56 - 104
Carbon tetrachloride	10.0	8.49	85		80 - 120
Chlorobenzene	10.0	10.2	102		78 - 118
Chlorodibromomethane	10.0	10.5	105		76 - 116
Chloroethane	10.0	10.5	105		51 - 133
Chloroform	10.0	9.25	93		78 - 118
Chloromethane	10.0	11.7	117		46 - 142
2-Chlorotoluene	10.0	11.3	113		76 - 116
4-Chlorotoluene	10.0	11.0	110		78 - 118
Dibromomethane	10.0	8.47	85		77 - 117
1,2-Dichlorobenzene	10.0	10.6	106		76 - 116
1,3-Dichlorobenzene	10.0	11.4	114		75 - 115
1,4-Dichlorobenzene	10.0	11.1	111		77 - 117
Dichlorodifluoromethane	10.0	10.7	107		56 - 140

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-604C
Matrix:	WATER	**Lab WorkOrder:**	JRR3E1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 09:24
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethane	10.0	9.80	98		77 - 117
1,2-Dichloroethane	10.0	9.12	91		74 - 120
1,1-Dichloroethene	10.0	12.3	123		68 - 133
cis-1,2-Dichloroethene	10.0	10.2	102		75 - 115
trans-1,2-Dichloroethene	10.0	10.5	105		80 - 120
1,2-Dichloroethene (total)	20.0	20.7	104		78 - 118
1,2-Dichloropropane	10.0	9.18	92		76 - 116
1,3-Dichloropropane	10.0	10.4	104		75 - 115
2,2-Dichloropropane	10.0	8.94	89		72 - 128
1,1-Dichloropropene	10.0	8.98	90		75 - 115
cis-1,3-Dichloropropene	10.0	11.7	117	L1	76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	87	70	127	
2037-26-5	Toluene-d8	106	83	125	
1868-53-7	Dibromofluoromethane	101	77	119	
460-00-4	4-Bromofluorobenzene	103	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8B-7A1
Lot/SDG Number:	D7C150293	**MS Lab Sample ID:**	D7C150293-010S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ5P11AD
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:03
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 11:57
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	5.00	0.17		4.91	98		77 - 117
1,1,1-Trichloroethane	5.00	0.16		4.39	88		78 - 118
1,1,2,2-Tetrachloroethane	5.00	0.20		5.24	105		73 - 119
1,1,2-Trichloroethane	5.00	0.32	M1	6.82	136	M1	76 - 116
1,1-Dichloroethane	5.00	20	M1	26.6	137	M1	77 - 117
1,1-Dichloroethene	5.00	2.8		8.90	122		68 - 133
1,1-Dichloropropene	5.00	0.15		4.82	96		75 - 115
1,2,3-Trichlorobenzene	5.00	0.18		5.49	110		66 - 123
1,2,3-Trichloropropane	5.00	0.27		4.75	95		72 - 120
1,2,4-Trichlorobenzene	5.00	0.32		5.51	110		73 - 121
1,2,4-Trimethylbenzene	5.00	0.14	L1	5.11	102	L1	77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	5.00	1.5	M1	6.17	123	M1	65 - 117
1,2-Dibromoethane (EDB)	5.00	0.18		5.43	109		77 - 117
1,2-Dichlorobenzene	5.00	0.13		5.37	107		76 - 116
1,2-Dichloroethane	5.00	0.13		4.34	87		74 - 120
1,2-Dichloroethene (total)	10.0	2.8		13.3	105		78 - 118
1,2-Dichloropropane	5.00	0.13		5.34	107		76 - 116
1,3,5-Trimethylbenzene	5.00	0.14		5.05	101		77 - 117
1,3-Dichlorobenzene	5.00	0.16		5.11	102		75 - 115
1,3-Dichloropropane	5.00	0.15		4.83	97		75 - 115
1,4-Dichlorobenzene	5.00	0.16		5.45	109		77 - 117
2,2-Dichloropropane	5.00	0.20		4.32	86		72 - 128
2-Butanone (MEK)	10.0	1.8		9.12	91		57 - 120
2-Chlorotoluene	5.00	0.17		5.75	115		76 - 116
2-Hexanone	10.0	1.4		8.54	85		57 - 121
2-Pentanone	10.0	0.82		10.4	104		42 - 115
4-Chlorotoluene	5.00	0.17		5.22	104		78 - 118
4-Methyl-2-pentanone	10.0	0.49		8.74	87		65 - 118
Acetone	10.0	1.9		7.99	80		48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8B-7A1
Lot/SDG Number:	D7C150293	**MS Lab Sample ID:**	D7C150293-010S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ5P11AD
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:03
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 11:57
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	5.00	0.16		5.98	103		77 - 118
Bromobenzene	5.00	0.17		5.13	103		75 - 115
Bromochloromethane	5.00	0.10		5.44	109		78 - 118
Bromodichloromethane	5.00	0.17		4.47	89		78 - 118
Bromoform	5.00	0.19		5.24	105		74 - 121
Bromomethane	5.00	0.21		4.90	98		42 - 154
Carbon disulfide	5.00	0.45		4.92	98		56 - 104
Carbon tetrachloride	5.00	0.19		4.31	86		80 - 120
Chlorobenzene	5.00	0.17		5.25	105		78 - 118
Chlorodibromomethane	5.00	0.17		4.84	97		76 - 116
Chloroethane	5.00	0.41		4.70	94		51 - 133
Chloroform	5.00	0.16		4.60	92		78 - 118
Chloromethane	5.00	0.30		5.16	103		46 - 142
cis-1,2-Dichloroethene	5.00	2.8		7.92	102		75 - 115
cis-1,3-Dichloropropene	5.00	0.16	L1	5.24	105	L1	76 - 116
Dibromomethane	5.00	0.17		4.84	97		77 - 117
Dichlorodifluoromethane	5.00	0.31		4.56	91		56 - 140
Ethylbenzene	5.00	0.16		5.07	101		78 - 118
Hexachlorobutadiene	5.00	0.12		4.71	94		73 - 123
Isopropylbenzene	5.00	0.19		5.42	97		71 - 111
m-Xylene & p-Xylene	10.0	0.34		10.8	108		78 - 118
Methyl tert-butyl ether	10.0	24		34.8	105		58 - 116
Methylene chloride	5.00	0.32		5.48	103		71 - 119
n-Butylbenzene	5.00	0.14		4.99	94		76 - 117
n-Propylbenzene	5.00	0.16		5.44	99		76 - 116
Naphthalene	5.00	0.22		6.92	101		62 - 121
o-Xylene	5.00	0.19		5.28	106		77 - 117
p-Isopropyltoluene	5.00	0.17		4.53	91		76 - 113
sec-Butylbenzene	5.00	0.17		6.16	112		80 - 120

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8B-7A1
Lot/SDG Number:	D7C150293	**MS Lab Sample ID:**	D7C150293-010S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ5P11AD
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:03
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 11:57
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Styrene	5.00	0.17		4.31	86		77 - 117
tert-Butylbenzene	5.00	0.16		4.79	96		76 - 116
Tetrachloroethene	5.00	0.20		5.04	101		77 - 117
Toluene	5.00	0.17		5.35	107		73 - 120
trans-1,2-Dichloroethene	5.00	0.15		5.34	107		80 - 120
trans-1,3-Dichloropropene	5.00	0.19		5.17	103		72 - 117
Trichloroethene	5.00	0.16		6.36	108		78 - 122
Trichlorofluoromethane	5.00	0.29		4.61	92		63 - 135
Vinyl acetate	5.00	0.94		4.79	96		63 - 124
Vinyl chloride	5.00	2.8		8.19	109		49 - 136
Xylenes (total)	15.0	0.19		16.1	107		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	83	70	127	
460-00-4	4-Bromofluorobenzene	98	78	118	
1868-53-7	Dibromofluoromethane	104	77	119	
2037-26-5	Toluene-d8	110	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8B-7A1
Lot/SDG Number:	D7C150293	**MSD Lab Sample ID:**	D7C150293-010D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ5P11AE
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:03
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 12:16
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	5.00	0.17		4.73	95	3.6		77 - 117	20
1,1,1-Trichloroethane	5.00	0.16		4.45	89	1.4		78 - 118	20
1,1,2,2-Tetrachloroethane	5.00	0.20		5.30	106	1.0		73 - 119	20
1,1,2-Trichloroethane	5.00	0.32	M1	6.49	130	4.9	M1	76 - 116	21
1,1-Dichloroethane	5.00	20	M1	26.3	131	1.1	M1	77 - 117	21
1,1-Dichloroethene	5.00	2.8		8.75	119	1.7		68 - 133	20
1,1-Dichloropropene	5.00	0.15		4.77	95	1.1		75 - 115	21
1,2,3-Trichlorobenzene	5.00	0.18		5.80	116	5.5		66 - 123	29
1,2,3-Trichloropropane	5.00	0.27		4.65	93	2.2		72 - 120	23
1,2,4-Trichlorobenzene	5.00	0.32		5.79	116	4.9		73 - 121	25
1,2,4-Trimethylbenzene	5.00	0.14	L1	5.27	105	3.1	L1	77 - 117	20
1,2-Dibromo-3-chloroprop	5.00	1.5	M1	6.57	131	6.3	M1	65 - 117	22
1,2-Dibromoethane (EDB)	5.00	0.18		5.11	102	6.0		77 - 117	20
1,2-Dichlorobenzene	5.00	0.13		5.33	107	0.69		76 - 116	20
1,2-Dichloroethane	5.00	0.13		4.46	89	2.7		74 - 120	20
1,2-Dichloroethene (total)	10.0	2.8		13.9	111	4.9		78 - 118	20
1,2-Dichloropropane	5.00	0.13		5.43	109	1.7		76 - 116	20
1,3,5-Trimethylbenzene	5.00	0.14		4.95	99	2.0		77 - 117	20
1,3-Dichlorobenzene	5.00	0.16		5.06	101	1.1		75 - 115	20
1,3-Dichloropropane	5.00	0.15		4.88	98	0.94		75 - 115	20
1,4-Dichlorobenzene	5.00	0.16		5.27	105	3.4		77 - 117	23
2,2-Dichloropropane	5.00	0.20		4.12	82	4.8		72 - 128	24
2-Butanone (MEK)	10.0	1.8		9.35	94	2.5		57 - 120	32
2-Chlorotoluene	5.00	0.17		5.33	107	7.4		76 - 116	20
2-Hexanone	10.0	1.4		8.79	88	3.0		57 - 121	25

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8B-7A1
Lot/SDG Number:	D7C150293	**MSD Lab Sample ID:**	D7C150293-010D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ5P11AE
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:03
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 12:16
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Pentanone	10.0	0.82		9.66	97	7.8		42 - 115	26
4-Chlorotoluene	5.00	0.17		5.05	101	3.2		78 - 118	20
4-Methyl-2-pentanone	10.0	0.49		8.24	82	5.8		65 - 118	22
Acetone	10.0	1.9		8.57	86	7.1		48 - 130	41
Benzene	5.00	0.16		6.37	111	6.3		77 - 118	20
Bromobenzene	5.00	0.17		5.31	106	3.3		75 - 115	20
Bromochloromethane	5.00	0.10		5.40	108	0.67		78 - 118	20
Bromodichloromethane	5.00	0.17		4.78	96	6.5		78 - 118	20
Bromoform	5.00	0.19		4.83	97	8.0		74 - 121	21
Bromomethane	5.00	0.21		4.87	97	0.69		42 - 154	24
Carbon disulfide	5.00	0.45		5.08	102	3.1		56 - 104	20
Carbon tetrachloride	5.00	0.19		4.33	87	0.51		80 - 120	21
Chlorobenzene	5.00	0.17		5.25	105	0.080		78 - 118	20
Chlorodibromomethane	5.00	0.17		4.92	98	1.8		76 - 116	20
Chloroethane	5.00	0.41		4.95	99	5.2		51 - 133	25
Chloroform	5.00	0.16		4.45	89	3.3		78 - 118	20
Chloromethane	5.00	0.30		5.36	107	3.9		46 - 142	24
cis-1,2-Dichloroethene	5.00	2.8		8.51	114	7.2		75 - 115	20
cis-1,3-Dichloropropene	5.00	0.16	L1	5.12	102	2.2	L1	76 - 116	20
Dibromomethane	5.00	0.17		4.93	99	1.8		77 - 117	20
Dichlorodifluoromethane	5.00	0.31		4.93	99	7.8		56 - 140	24
Ethylbenzene	5.00	0.16		5.23	105	3.1		78 - 118	26
Hexachlorobutadiene	5.00	0.12		5.14	103	8.8		73 - 123	25
Isopropylbenzene	5.00	0.19		5.16	91	4.8		71 - 111	20
m-Xylene & p-Xylene	10.0	0.34		10.2	102	6.0		78 - 118	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8B-7A1
Lot/SDG Number:	D7C150293	**MSD Lab Sample ID:**	D7C150293-010D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ5P11AE
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:03
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/25/07 08:25
QC Batch ID:	7085604	**Date/Time Analyzed:**	03/25/07 12:16
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Methyl tert-butyl ether	10.0	24		32.3	80	7.6		58 - 116	21
Methylene chloride	5.00	0.32		5.94	112	8.0		71 - 119	20
n-Butylbenzene	5.00	0.14		5.30	100	6.2		76 - 117	21
n-Propylbenzene	5.00	0.16		5.53	100	1.6		76 - 116	20
Naphthalene	5.00	0.22		6.99	103	0.99		62 - 121	32
o-Xylene	5.00	0.19		5.09	102	3.5		77 - 117	20
p-Isopropyltoluene	5.00	0.17		5.00	100	10		76 - 113	20
sec-Butylbenzene	5.00	0.17		6.17	113	0.050		80 - 120	21
Styrene	5.00	0.17		4.18	84	3.1		77 - 117	20
tert-Butylbenzene	5.00	0.16		5.10	102	6.2		76 - 116	21
Tetrachloroethene	5.00	0.20		4.89	98	3.0		77 - 117	20
Toluene	5.00	0.17		4.85	97	9.8		73 - 120	20
trans-1,2-Dichloroethene	5.00	0.15		5.43	109	1.6		80 - 120	24
trans-1,3-Dichloropropene	5.00	0.19		4.89	98	5.4		72 - 117	20
Trichloroethene	5.00	0.16		6.49	111	2.0		78 - 122	20
Trichlorofluoromethane	5.00	0.29		4.65	93	0.83		63 - 135	20
Vinyl acetate	5.00	0.94		4.95	99	3.3		63 - 124	24
Vinyl chloride	5.00	2.8		8.43	113	2.8		49 - 136	24
Xylenes (total)	15.0	0.19		15.3	102	5.2		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	84	70	127	
460-00-4	4-Bromofluorobenzene	95	78	118	
1868-53-7	Dibromofluoromethane	102	77	119	
2037-26-5	Toluene-d8	105	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	RR7531.D
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-604B
Matrix:	WATER	**Lab Work Order:**	JRR3E1AA
Analysis Method:	8260B	**Date/Time Extracted:**	03/25/07 08:25
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	03/25/07 10:03
QC Batch ID:	7085604	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
BC-8B-7A1	JQ5P11AA	RR7531.D	03/25/07	11:38
BC-8B-7A1 MS	JQ5P11AD S	RR7532.D	03/25/07	11:57
BC-8B-7A1 MSD	JQ5P11AE D	RR7533.D	03/25/07	12:16
BC-8A-7A1	JQ5P31AA	RR7535.D	03/25/07	12:54
ASE-84A-7A1	JQ5P51AA	RR7536.D	03/25/07	13:13
ASE-84C-7A1	JQ5P61AA	RR7537.D	03/25/07	13:31
BC-10A-7A1	JQ5P71AA	RR7538.D	03/25/07	13:50
ASE-105A-7A1	JQ5PC1AA	RR7529.D	03/25/07	11:00
TB-031307A	JQ5Q31AA	RR7542.D	03/25/07	15:06
BC-14-7A1	JQ5Q61AA	RR7543.D	03/25/07	15:25
BC-13-7A1	JQ5Q71AA	RR7544.D	03/25/07	15:44
BC-15-7A1	JQ5Q81AA	RR7545.D	03/25/07	16:03
ASE-69A-7A1	JQ5Q91AA	RR7546.D	03/25/07	16:22
ASE-113A-7A1	JQ5QP1AA	RR7541.D	03/25/07	14:47
PL-2103-7A1	JQ5RA1AA	RR7547.D	03/25/07	16:41
PL-2102-7A1	JQ5RD1AA	RR7548.D	03/25/07	17:00
PL-2101-7A1	JQ5RG1AA	RR7549.D	03/25/07	17:19
CHECK SAMPLE	JRR3E1AC C	RR7524.D	03/25/07	09:24

STL

Volatile GC/MS

Lot ID: D7C150293

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 015, 026 - 034

Batch: 7085605

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-10B-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-015
Matrix:	WATER	**Lab WorkOrder:**	JQ5QA1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 09:55
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 08:53
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	**2.8**	2.0		
75-35-4	1,1-Dichloroethene	**8.4**	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-10B-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-015
Matrix:	WATER	**Lab WorkOrder:**	JQ5QA1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 09:55
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 08:53
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	**8.0**	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-10B-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-015
Matrix:	WATER	**Lab WorkOrder:**	JQ5QA1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 09:55
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 08:53
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**23**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	70	70	127	
2037-26-5	Toluene-d8	107	83	125	
1868-53-7	Dibromofluoromethane	93	77	119	
460-00-4	4-Bromofluorobenzene	97	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-4-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-026
Matrix:	WATER	**Lab WorkOrder:**	JQ5RJ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 15:10
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 09:31
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-4-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-026
Matrix:	WATER	**Lab WorkOrder:**	JQ5RJ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 15:10
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 09:31
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-4-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-026
Matrix:	WATER	**Lab WorkOrder:**	JQ5RJ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 15:10
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 09:31
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**20**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	77	70	127	
2037-26-5	Toluene-d8	112	83	125	
1868-53-7	Dibromofluoromethane	100	77	119	
460-00-4	4-Bromofluorobenzene	98	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-54A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-027
Matrix:	WATER	**Lab WorkOrder:**	JQ5RK1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 15:43
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 10:49
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-54A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-027
Matrix:	WATER	**Lab WorkOrder:**	JQ5RK1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 15:43
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 10:49
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-54A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-027
Matrix:	WATER	**Lab WorkOrder:**	JQ5RK1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 15:43
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 10:49
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127	
2037-26-5	Toluene-d8	103	83	125	
1868-53-7	Dibromofluoromethane	100	77	119	
460-00-4	4-Bromofluorobenzene	97	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-506-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-028
Matrix:	WATER	**Lab WorkOrder:**	JQ5RP1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 15:53
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 11:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-506-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-028
Matrix:	WATER	**Lab WorkOrder:**	JQ5RP1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 15:53
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 11:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-506-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-028
Matrix:	WATER	**Lab WorkOrder:**	JQ5RP1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 15:53
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 11:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**1.0**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	83	70	127	
2037-26-5	Toluene-d8	110	83	125	
1868-53-7	Dibromofluoromethane	103	77	119	
460-00-4	4-Bromofluorobenzene	97	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PHXA-06-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-029
Matrix:	WATER	**Lab WorkOrder:**	JQ5RQ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:04
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 11:27
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	**4.9**	2.0		
75-35-4	1,1-Dichloroethene	**6.1**	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PHXA-06-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-029
Matrix:	WATER	**Lab WorkOrder:**	JQ5RQ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:04
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 11:27
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PHXA-06-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-029
Matrix:	WATER	**Lab WorkOrder:**	JQ5RQ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:04
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 11:27
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**3.9**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	80	70	127	
2037-26-5	Toluene-d8	109	83	125	
1868-53-7	Dibromofluoromethane	101	77	119	
460-00-4	4-Bromofluorobenzene	102	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031307B
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-030
Matrix:	WATER	**Lab WorkOrder:**	JQ5RV1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 06:35
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 11:46
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031307B
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-030
Matrix:	WATER	**Lab WorkOrder:**	JQ5RV1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 06:35
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 11:46
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031307B
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-030
Matrix:	WATER	**Lab WorkOrder:**	JQ5RV1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 06:35
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 11:46
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127	
2037-26-5	Toluene-d8	104	83	125	
1868-53-7	Dibromofluoromethane	95	77	119	
460-00-4	4-Bromofluorobenzene	94	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-24C-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-031
Matrix:	WATER	**Lab WorkOrder:**	JQ5R81AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 06:49
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 12:05
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-24C-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-031
Matrix:	WATER	**Lab WorkOrder:**	JQ5R81AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 06:49
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 12:05
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-24C-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-031
Matrix:	WATER	**Lab WorkOrder:**	JQ5R81AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 06:49
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 12:05
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**26**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127	
2037-26-5	Toluene-d8	103	83	125	
1868-53-7	Dibromofluoromethane	97	77	119	
460-00-4	4-Bromofluorobenzene	99	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-75C-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-032
Matrix:	WATER	**Lab WorkOrder:**	JQ5TA1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 09:12
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1 M1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10	M2	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	M1	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	M2 R2	
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0	M2	
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-75C-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-032
Matrix:	WATER	**Lab WorkOrder:**	JQ5TA1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 09:12
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0	M2	
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0	M2 R2	
91-20-3	Naphthalene	ND	2.0	M2	
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-75C-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-032
Matrix:	WATER	**Lab WorkOrder:**	JQ5TA1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 09:12
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**3.7**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0	M2 R2	
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127		
2037-26-5	Toluene-d8	114	83	125		
1868-53-7	Dibromofluoromethane	98	77	119		
460-00-4	4-Bromofluorobenzene	99	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-75B-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-033
Matrix:	WATER	**Lab WorkOrder:**	JQ5TF1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:03
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 12:24
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-75B-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-033
Matrix:	WATER	**Lab WorkOrder:**	JQ5TF1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:03
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 12:24
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	**3.4**	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-75B-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-033
Matrix:	WATER	**Lab WorkOrder:**	JQ5TF1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:03
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 12:24
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**16**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127	
2037-26-5	Toluene-d8	118	83	125	
1868-53-7	Dibromofluoromethane	99	77	119	
460-00-4	4-Bromofluorobenzene	102	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-75A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-034
Matrix:	WATER	**Lab WorkOrder:**	JQ5TH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:36
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 12:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	**2.2**	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-75A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-034
Matrix:	WATER	**Lab WorkOrder:**	JQ5TH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:36
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 12:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-75A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-034
Matrix:	WATER	**Lab WorkOrder:**	JQ5TH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 09:36
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 12:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**1.2**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	83	70	127	
2037-26-5	Toluene-d8	118	83	125	
1868-53-7	Dibromofluoromethane	102	77	119	
460-00-4	4-Bromofluorobenzene	105	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-605B
Matrix:	WATER	**Lab WorkOrder:**	JR3KP1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 08:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	L1
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

Form 1 Prep Blank Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-605B
Matrix:	WATER	**Lab WorkOrder:**	JR3KP1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 08:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-605B
Matrix:	WATER	**Lab WorkOrder:**	JR3KP1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 08:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	73	70	127	
2037-26-5	Toluene-d8	106	83	125	
1868-53-7	Dibromofluoromethane	93	77	119	
460-00-4	4-Bromofluorobenzene	94	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK9H

Lot/SDG Number: D7C150293 **QC Batch ID:** 7085605

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
BC-10B-7A1	JQ5QA1AA	70	97	93	107					0
ASE-24C-7A1	JQ5R81AA	81	99	97	103					0
BC-4-7A1	JQ5RJ1AA	77	98	100	112					0
ASE-54A-7A1	JQ5RK1AA	78	97	100	103					0
PL-506-7A1	JQ5RP1AA	83	97	103	110					0
PHXA-06-7A1	JQ5RQ1AA	80	102	101	109					0
TB-031307B	JQ5RV1AA	78	94	95	104					0
ASE-75C-7A1	JQ5TA1AA	81	99	98	114					0
ASE-75C-7A1 MS	JQ5TA1AC	73	96	94	107					0
ASE-75C-7A1 MSD	JQ5TA1AD	78	97	103	111					0
ASE-75B-7A1	JQ5TF1AA	78	102	99	118					0
ASE-75A-7A1	JQ5TH1AA	83	105	102	118					0
INTRA-LAB BLANK	JR3KP1AA	73	94	93	106					0
CHECK SAMPLE	JR3KP1AC	79	108	99	117					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-605C
Matrix:	WATER	**Lab WorkOrder:**	JR3KP1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 07:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	10.0	9.69	97		72 - 117
Acetone	20.0	14.9	75		48 - 130
Ethylbenzene	10.0	10.7	107		78 - 118
Trichlorofluoromethane	10.0	9.02	90		63 - 135
Hexachlorobutadiene	10.0	9.06	91		73 - 123
2-Hexanone	20.0	19.8	99		57 - 121
Isopropylbenzene	10.0	9.47	95		71 - 111
p-Isopropyltoluene	10.0	8.93	89		76 - 113
Methylene chloride	10.0	10.2	102		71 - 119
4-Methyl-2-pentanone	20.0	18.9	95		65 - 118
Naphthalene	10.0	11.1	111		62 - 121
Benzene	10.0	10.2	102		77 - 118
2-Pentanone	20.0	21.3	107		42 - 115
n-Propylbenzene	10.0	9.66	97		76 - 116
Styrene	10.0	8.64	86		77 - 117
1,1,1,2-Tetrachloroethane	10.0	10.2	102		77 - 117
1,1,2,2-Tetrachloroethane	10.0	11.4	114		73 - 119
Tetrachloroethene	10.0	11.2	112		77 - 117
Toluene	10.0	11.2	112		73 - 120
1,2,3-Trichlorobenzene	10.0	10.4	104		66 - 123
1,2,4-Trichlorobenzene	10.0	10.6	106		73 - 121
1,1,1-Trichloroethane	10.0	8.14	81		78 - 118
1,1,2-Trichloroethane	10.0	11.8	118	L1	76 - 116
Trichloroethene	10.0	10.4	104		78 - 122
1,2,3-Trichloropropane	10.0	8.52	85		72 - 120
1,2,4-Trimethylbenzene	10.0	9.17	92		77 - 117
1,3,5-Trimethylbenzene	10.0	9.26	93		77 - 117
Vinyl acetate	10.0	9.14	91		63 - 124
Vinyl chloride	10.0	9.94	99		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-605C
Matrix:	WATER	**Lab WorkOrder:**	JR3KP1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 07:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	10.0	10.8	108		77 - 117
Xylenes (total)	30.0	32.7	109		77 - 117
Methyl tert-butyl ether	20.0	13.7	68		58 - 116
m-Xylene & p-Xylene	20.0	21.9	109		78 - 118
Bromobenzene	10.0	10.4	104		75 - 115
Bromochloromethane	10.0	10.5	105		78 - 118
Bromodichloromethane	10.0	9.36	94		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.68	97		65 - 117
1,2-Dibromoethane (EDB)	10.0	11.2	112		77 - 117
2-Butanone (MEK)	20.0	16.5	82		57 - 120
Bromoform	10.0	11.8	118		74 - 121
Bromomethane	10.0	8.65	87		42 - 154
n-Butylbenzene	10.0	9.36	94		76 - 117
sec-Butylbenzene	10.0	10.4	104		80 - 120
tert-Butylbenzene	10.0	9.49	95		76 - 116
Carbon disulfide	10.0	9.34	93		56 - 104
Carbon tetrachloride	10.0	8.25	83		80 - 120
Chlorobenzene	10.0	10.4	104		78 - 118
Chlorodibromomethane	10.0	10.8	108		76 - 116
Chloroethane	10.0	8.28	83		51 - 133
Chloroform	10.0	8.62	86		78 - 118
Chloromethane	10.0	9.77	98		46 - 142
2-Chlorotoluene	10.0	9.88	99		76 - 116
4-Chlorotoluene	10.0	10.4	104		78 - 118
Dibromomethane	10.0	9.88	99		77 - 117
1,2-Dichlorobenzene	10.0	10.1	101		76 - 116
1,3-Dichlorobenzene	10.0	9.93	99		75 - 115
1,4-Dichlorobenzene	10.0	10.3	103		77 - 117
Dichlorodifluoromethane	10.0	9.08	91		56 - 140

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-605C
Matrix:	WATER	**Lab WorkOrder:**	JR3KP1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 07:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethane	10.0	9.17	92		77 - 117
1,2-Dichloroethane	10.0	7.83	78		74 - 120
1,1-Dichloroethene	10.0	11.3	113		68 - 133
cis-1,2-Dichloroethene	10.0	10.3	103		75 - 115
trans-1,2-Dichloroethene	10.0	10.9	109		80 - 120
1,2-Dichloroethene (total)	20.0	21.2	106		78 - 118
1,2-Dichloropropane	10.0	10.1	101		76 - 116
1,3-Dichloropropane	10.0	11.5	115		75 - 115
2,2-Dichloropropane	10.0	8.08	81		72 - 128
1,1-Dichloropropene	10.0	9.28	93		75 - 115
cis-1,3-Dichloropropene	10.0	11.6	116		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	79	70	127	
2037-26-5	Toluene-d8	117	83	125	
1868-53-7	Dibromofluoromethane	99	77	119	
460-00-4	4-Bromofluorobenzene	108	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-75C-7A1
Lot/SDG Number:	D7C150293	**MS Lab Sample ID:**	D7C150293-032S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ5TA1AC
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 09:52
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	5.00	0.17		4.69	94		77 - 117
1,1,1-Trichloroethane	5.00	0.16		3.99	80		78 - 118
1,1,2,2-Tetrachloroethane	5.00	0.20		5.20	104		73 - 119
1,1,2-Trichloroethane	5.00	0.32	L1 M1	5.89	118	L1 M1	76 - 116
1,1-Dichloroethane	5.00	0.16		4.59	92		77 - 117
1,1-Dichloroethene	5.00	0.14		5.69	114		68 - 133
1,1-Dichloropropene	5.00	0.15		4.50	90		75 - 115
1,2,3-Trichlorobenzene	5.00	0.18		5.29	106		66 - 123
1,2,3-Trichloropropane	5.00	0.27	M2	3.56	71	M2	72 - 120
1,2,4-Trichlorobenzene	5.00	0.32	M1	5.24	105		73 - 121
1,2,4-Trimethylbenzene	5.00	0.14		4.76	95		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	5.00	1.5	M2 R2	5.98	120	M2	65 - 117
1,2-Dibromoethane (EDB)	5.00	0.18		5.19	104		77 - 117
1,2-Dichlorobenzene	5.00	0.13		5.33	107		76 - 116
1,2-Dichloroethane	5.00	0.13	M2	3.59	72	M2	74 - 120
1,2-Dichloroethene (total)	10.0	0.15		10.3	100		78 - 118
1,2-Dichloropropane	5.00	0.13		4.81	96		76 - 116
1,3,5-Trimethylbenzene	5.00	0.14		4.81	96		77 - 117
1,3-Dichlorobenzene	5.00	0.16		5.18	104		75 - 115
1,3-Dichloropropane	5.00	0.15		4.76	95		75 - 115
1,4-Dichlorobenzene	5.00	0.16		5.38	104		77 - 117
2,2-Dichloropropane	5.00	0.20		3.98	80		72 - 128
2-Butanone (MEK)	10.0	1.8		7.65	77		57 - 120
2-Chlorotoluene	5.00	0.17		4.99	100		76 - 116
2-Hexanone	10.0	1.4		6.81	68		57 - 121
2-Pentanone	10.0	0.82		7.96	80		42 - 115
4-Chlorotoluene	5.00	0.17		5.15	103		78 - 118
4-Methyl-2-pentanone	10.0	0.49		7.44	74		65 - 118
Acetone	10.0	1.9		4.93	49		48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-75C-7A1
Lot/SDG Number:	D7C150293	**MS Lab Sample ID:**	D7C150293-032S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ5TA1AC
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 09:52
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	5.00	0.16		4.89	98		77 - 118
Bromobenzene	5.00	0.17		5.25	105		75 - 115
Bromochloromethane	5.00	0.10		5.13	103		78 - 118
Bromodichloromethane	5.00	0.17		4.35	87		78 - 118
Bromoform	5.00	0.19		5.36	107		74 - 121
Bromomethane	5.00	0.21		4.44	89		42 - 154
Carbon disulfide	5.00	0.45		4.74	95		56 - 104
Carbon tetrachloride	5.00	0.19	M2	4.08	77	M2	80 - 120
Chlorobenzene	5.00	0.17		5.33	103		78 - 118
Chlorodibromomethane	5.00	0.17		4.86	97		76 - 116
Chloroethane	5.00	0.41		3.86	77		51 - 133
Chloroform	5.00	0.16		4.65	86		78 - 118
Chloromethane	5.00	0.30		4.49	90		46 - 142
cis-1,2-Dichloroethene	5.00	0.15		5.06	93		75 - 115
cis-1,3-Dichloropropene	5.00	0.16		5.17	103		76 - 116
Dibromomethane	5.00	0.17		4.51	90		77 - 117
Dichlorodifluoromethane	5.00	0.31		4.59	92		56 - 140
Ethylbenzene	5.00	0.16		5.22	104		78 - 118
Hexachlorobutadiene	5.00	0.12		4.73	95		73 - 123
Isopropylbenzene	5.00	0.19		4.31	86		71 - 111
m-Xylene & p-Xylene	10.0	0.34		10.4	104		78 - 118
Methyl tert-butyl ether	10.0	0.25		5.49	55	M2	58 - 116
Methylene chloride	5.00	0.32	M2 R2	5.11	102		71 - 119
n-Butylbenzene	5.00	0.14		4.44	89		76 - 117
n-Propylbenzene	5.00	0.16		5.11	102		76 - 116
Naphthalene	5.00	0.22	M2	4.88	98		62 - 121
o-Xylene	5.00	0.19		5.16	103		77 - 117
p-Isopropyltoluene	5.00	0.17		4.62	92		76 - 113
sec-Butylbenzene	5.00	0.17		5.45	109		80 - 120

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-75C-7A1
Lot/SDG Number:	D7C150293	**MS Lab Sample ID:**	D7C150293-032S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ5TA1AC
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 09:52
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Styrene	5.00	0.17		4.78	96		77 - 117
tert-Butylbenzene	5.00	0.16		4.83	97		76 - 116
Tetrachloroethene	5.00	0.20		5.45	105		77 - 117
Toluene	5.00	0.17		5.09	102		73 - 120
trans-1,2-Dichloroethene	5.00	0.15		5.29	106		80 - 120
trans-1,3-Dichloropropene	5.00	0.19		4.63	93		72 - 117
Trichloroethene	5.00	3.7		8.30	93		78 - 122
Trichlorofluoromethane	5.00	0.29	M2 R2	4.20	84		63 - 135
Vinyl acetate	5.00	0.94		4.35	87		63 - 124
Vinyl chloride	5.00	0.17		4.37	87		49 - 136
Xylenes (total)	15.0	0.19		15.5	103		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	73	70	127	
460-00-4	4-Bromofluorobenzene	96	78	118	
1868-53-7	Dibromofluoromethane	94	77	119	
2037-26-5	Toluene-d8	107	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-75C-7A1
Lot/SDG Number:	D7C150293	**MSD Lab Sample ID:**	D7C150293-032D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ5TA1AD
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 10:11
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	5.00	0.17		4.52	90	3.8		77 - 117	20
1,1,1-Trichloroethane	5.00	0.16		4.10	82	2.6		78 - 118	20
1,1,2,2-Tetrachloroethane	5.00	0.20		5.37	107	3.2		73 - 119	20
1,1,2-Trichloroethane	5.00	0.32	L1 M1	5.87	117	0.38	L1 M1	76 - 116	21
1,1-Dichloroethane	5.00	0.16		4.39	88	4.4		77 - 117	21
1,1-Dichloroethene	5.00	0.14		5.67	113	0.30		68 - 133	20
1,1-Dichloropropene	5.00	0.15		4.63	93	2.9		75 - 115	21
1,2,3-Trichlorobenzene	5.00	0.18		5.97	119	12		66 - 123	29
1,2,3-Trichloropropane	5.00	0.27	M2	4.38	88	21		72 - 120	23
1,2,4-Trichlorobenzene	5.00	0.32	M1	6.27	125	18	M1	73 - 121	25
1,2,4-Trimethylbenzene	5.00	0.14		4.73	95	0.50		77 - 117	20
1,2-Dibromo-3-chloroprop	5.00	1.5	M2 R2	4.74	95	23	R2	65 - 117	22
1,2-Dibromoethane (EDB)	5.00	0.18		5.19	104	0.070		77 - 117	20
1,2-Dichlorobenzene	5.00	0.13		5.50	110	3.1		76 - 116	20
1,2-Dichloroethane	5.00	0.13	M2	3.90	78	8.3		74 - 120	20
1,2-Dichloroethene (total)	10.0	0.15		11.2	108	7.7		78 - 118	20
1,2-Dichloropropane	5.00	0.13		4.98	100	3.5		76 - 116	20
1,3,5-Trimethylbenzene	5.00	0.14		4.76	95	1.2		77 - 117	20
1,3-Dichlorobenzene	5.00	0.16		5.06	101	2.3		75 - 115	20
1,3-Dichloropropane	5.00	0.15		4.70	94	1.1		75 - 115	20
1,4-Dichlorobenzene	5.00	0.16		5.24	101	2.7		77 - 117	23
2,2-Dichloropropane	5.00	0.20		4.22	84	5.7		72 - 128	24
2-Butanone (MEK)	10.0	1.8		7.94	79	3.7		57 - 120	32
2-Chlorotoluene	5.00	0.17		4.91	98	1.6		76 - 116	20
2-Hexanone	10.0	1.4		7.40	74	8.2		57 - 121	25

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-75C-7A1
Lot/SDG Number:	D7C150293	**MSD Lab Sample ID:**	D7C150293-032D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ5TA1AD
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 10:11
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Pentanone	10.0	0.82		10.1	101	23		42 - 115	26
4-Chlorotoluene	5.00	0.17		5.19	104	0.79		78 - 118	20
4-Methyl-2-pentanone	10.0	0.49		8.42	84	12		65 - 118	22
Acetone	10.0	1.9		5.75	58	15		48 - 130	41
Benzene	5.00	0.16		5.08	102	3.8		77 - 118	20
Bromobenzene	5.00	0.17		5.14	103	2.3		75 - 115	20
Bromochloromethane	5.00	0.10		5.11	102	0.31		78 - 118	20
Bromodichloromethane	5.00	0.17		4.26	85	2.1		78 - 118	20
Bromoform	5.00	0.19		5.31	106	0.94		74 - 121	21
Bromomethane	5.00	0.21		4.56	91	2.7		42 - 154	24
Carbon disulfide	5.00	0.45		4.79	96	1.1		56 - 104	20
Carbon tetrachloride	5.00	0.19	M2	4.17	79	2.2	M2	80 - 120	21
Chlorobenzene	5.00	0.17		5.33	103	0.0		78 - 118	20
Chlorodibromomethane	5.00	0.17		4.60	92	5.4		76 - 116	20
Chloroethane	5.00	0.41		4.43	89	14		51 - 133	25
Chloroform	5.00	0.16		4.50	83	3.1		78 - 118	20
Chloromethane	5.00	0.30		4.68	94	4.2		46 - 142	24
cis-1,2-Dichloroethene	5.00	0.15		5.60	104	10		75 - 115	20
cis-1,3-Dichloropropene	5.00	0.16		5.10	102	1.4		76 - 116	20
Dibromomethane	5.00	0.17		4.58	92	1.4		77 - 117	20
Dichlorodifluoromethane	5.00	0.31		5.15	103	11		56 - 140	24
Ethylbenzene	5.00	0.16		4.85	97	7.4		78 - 118	26
Hexachlorobutadiene	5.00	0.12		5.02	100	6.0		73 - 123	25
Isopropylbenzene	5.00	0.19		4.66	93	7.9		71 - 111	20
m-Xylene & p-Xylene	10.0	0.34		10.6	106	2.2		78 - 118	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-75C-7A1
Lot/SDG Number:	D7C150293	**MSD Lab Sample ID:**	D7C150293-032D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ5TA1AD
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 10:11
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Methyl tert-butyl ether	10.0	0.25		7.15	71	26	R2	58 - 116	21
Methylene chloride	5.00	0.32	M2 R2	4.90	98	4.3		71 - 119	20
n-Butylbenzene	5.00	0.14		4.82	96	8.3		76 - 117	21
n-Propylbenzene	5.00	0.16		5.24	105	2.5		76 - 116	20
Naphthalene	5.00	0.22	M2	6.26	125	25	M2	62 - 121	32
o-Xylene	5.00	0.19		5.20	104	0.78		77 - 117	20
p-Isopropyltoluene	5.00	0.17		4.77	95	3.3		76 - 113	20
sec-Butylbenzene	5.00	0.17		5.52	110	1.4		80 - 120	21
Styrene	5.00	0.17		4.79	96	0.18		77 - 117	20
tert-Butylbenzene	5.00	0.16		4.97	99	3.0		76 - 116	21
Tetrachloroethene	5.00	0.20		5.41	104	0.69		77 - 117	20
Toluene	5.00	0.17		5.06	101	0.54		73 - 120	20
trans-1,2-Dichloroethene	5.00	0.15		5.58	112	5.3		80 - 120	24
trans-1,3-Dichloropropene	5.00	0.19		4.94	99	6.6		72 - 117	20
Trichloroethene	5.00	3.7		8.55	98	3.0		78 - 122	20
Trichlorofluoromethane	5.00	0.29	M2 R2	2.06	41	68	M2 R2	63 - 135	20
Vinyl acetate	5.00	0.94		4.74	95	8.6		63 - 124	24
Vinyl chloride	5.00	0.17		4.73	95	7.8		49 - 136	24
Xylenes (total)	15.0	0.19		15.8	105	1.8		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127	
460-00-4	4-Bromofluorobenzene	97	78	118	
1868-53-7	Dibromofluoromethane	103	77	119	
2037-26-5	Toluene-d8	111	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	RR7565.D
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C260000-605B
Matrix:	WATER	**Lab Work Order:**	JR3KP1AA
Analysis Method:	8260B	**Date/Time Extracted:**	03/26/07 06:43
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	03/26/07 08:21
QC Batch ID:	7085605	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
BC-10B-7A1	JQ5QA1AA	RR7565.D	03/26/07	08:53
ASE-24C-7A1	JQ5R81AA	RR7575.D	03/26/07	12:05
BC-4-7A1	JQ5RJ1AA	RR7567.D	03/26/07	09:31
ASE-54A-7A1	JQ5RK1AA	RR7571.D	03/26/07	10:49
PL-506-7A1	JQ5RP1AA	RR7572.D	03/26/07	11:08
PHXA-06-7A1	JQ5RQ1AA	RR7573.D	03/26/07	11:27
TB-031307B	JQ5RV1AA	RR7574.D	03/26/07	11:46
ASE-75C-7A1	JQ5TA1AA	RR7566.D	03/26/07	09:12
ASE-75C-7A1 MS	JQ5TA1AC S	RR7568.D	03/26/07	09:52
ASE-75C-7A1 MSD	JQ5TA1AD D	RR7569.D	03/26/07	10:11
ASE-75B-7A1	JQ5TF1AA	RR7576.D	03/26/07	12:24
ASE-75A-7A1	JQ5TH1AA	RR7577.D	03/26/07	12:43
CHECK SAMPLE	JR3KP1AC C	RR7562.D	03/26/07	07:43

STL

Volatile GC/MS

Lot ID: D7C150293

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 006, 016

Batch: 7089102

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-112A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-006
Matrix:	WATER	**Lab WorkOrder:**	JQ5PE1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 01:40
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 23:13
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	**2.8**	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-112A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-006
Matrix:	WATER	**Lab WorkOrder:**	JQ5PE1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 01:40
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 23:13
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	**2.8**	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	**5.2**	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**3.0**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	**2.4**	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	**6.0**	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-112A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-006
Matrix:	WATER	**Lab WorkOrder:**	JQ5PE1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 01:40
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 23:13
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	70	70	127	
2037-26-5	Toluene-d8	120	83	125	
1868-53-7	Dibromofluoromethane	90	77	119	
460-00-4	4-Bromofluorobenzene	99	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-107A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-016
Matrix:	WATER	**Lab WorkOrder:**	JQ5QC1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 03:22
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 23:32
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	**9.6**	1.0		
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-107A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-016
Matrix:	WATER	**Lab WorkOrder:**	JQ5QC1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 03:22
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 23:32
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	**5.6**	2.0		
1634-04-4	Methyl tert-butyl ether	**5.1**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**9.9**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	**5.6**	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	**5.2**	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.0**	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-107A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-016
Matrix:	WATER	**Lab WorkOrder:**	JQ5QC1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 03:22
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 23:32
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	74	70	127	
2037-26-5	Toluene-d8	122	83	125	
1868-53-7	Dibromofluoromethane	97	77	119	
460-00-4	4-Bromofluorobenzene	100	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C300000-102B
Matrix:	WATER	**Lab WorkOrder:**	JR31H1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 22:46
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C300000-102B
Matrix:	WATER	**Lab WorkOrder:**	JR31H1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 22:46
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C300000-102B
Matrix:	WATER	**Lab WorkOrder:**	JR31H1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 22:46
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127	
2037-26-5	Toluene-d8	108	83	125	
1868-53-7	Dibromofluoromethane	95	77	119	
460-00-4	4-Bromofluorobenzene	95	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK9H

Lot/SDG Number: D7C150293 **QC Batch ID:** 7089102

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-112A-7A1	JQ5PE1AA	70	99	90	120					0
ASE-107A-7A1	JQ5QC1AA	74	100	97	122					0
LAB MS/MSD MS	JQ80P1AC	73	92	97	100					0
LAB MS/MSD MSD	JQ80P1AD	76	92	97	103					0
INTRA-LAB BLANK	JR31H1AA	78	95	95	108					0
CHECK SAMPLE	JR31H1AC	72	95	97	104					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C300000-102C
Matrix:	WATER	**Lab WorkOrder:**	JR31H1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 22:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	10.0	9.65	96		72 - 117
Acetone	20.0	17.1	85		48 - 130
Ethylbenzene	10.0	10.7	107		78 - 118
Trichlorofluoromethane	10.0	11.0	110		63 - 135
Hexachlorobutadiene	10.0	10.9	109		73 - 123
2-Hexanone	20.0	18.7	93		57 - 121
Isopropylbenzene	10.0	9.62	96		71 - 111
p-Isopropyltoluene	10.0	9.81	98		76 - 113
Methylene chloride	10.0	9.91	99		71 - 119
4-Methyl-2-pentanone	20.0	18.7	93		65 - 118
Naphthalene	10.0	10.0	100		62 - 121
Benzene	10.0	10.3	103		77 - 118
2-Pentanone	20.0	16.4	82		42 - 115
n-Propylbenzene	10.0	10.2	102		76 - 116
Styrene	10.0	8.68	87		77 - 117
1,1,1,2-Tetrachloroethane	10.0	10.3	103		77 - 117
1,1,2,2-Tetrachloroethane	10.0	10.3	103		73 - 119
Tetrachloroethene	10.0	10.4	104		77 - 117
Toluene	10.0	9.74	97		73 - 120
1,2,3-Trichlorobenzene	10.0	9.95	100		66 - 123
1,2,4-Trichlorobenzene	10.0	10.5	105		73 - 121
1,1,1-Trichloroethane	10.0	10.6	106		78 - 118
1,1,2-Trichloroethane	10.0	10.2	102		76 - 116
Trichloroethene	10.0	10.3	103		78 - 122
1,2,3-Trichloropropane	10.0	9.21	92		72 - 120
1,2,4-Trimethylbenzene	10.0	10.5	105		77 - 117
1,3,5-Trimethylbenzene	10.0	10.1	101		77 - 117
Vinyl acetate	10.0	7.88	79		63 - 124
Vinyl chloride	10.0	9.80	98		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C300000-102C
Matrix:	WATER	**Lab WorkOrder:**	JR31H1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 22:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	10.0	10.7	107		77 - 117
Xylenes (total)	30.0	31.1	104		77 - 117
Methyl tert-butyl ether	20.0	12.2	61		58 - 116
m-Xylene & p-Xylene	20.0	20.5	102		78 - 118
Bromobenzene	10.0	9.87	99		75 - 115
Bromochloromethane	10.0	11.1	111		78 - 118
Bromodichloromethane	10.0	9.96	100		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.48	85		65 - 117
1,2-Dibromoethane (EDB)	10.0	10.3	103		77 - 117
2-Butanone (MEK)	20.0	19.0	95		57 - 120
Bromoform	10.0	10.2	102		74 - 121
Bromomethane	10.0	9.16	92		42 - 154
n-Butylbenzene	10.0	10.3	103		76 - 117
sec-Butylbenzene	10.0	12.0	120		80 - 120
tert-Butylbenzene	10.0	10.7	107		76 - 116
Carbon disulfide	10.0	8.85	89		56 - 104
Carbon tetrachloride	10.0	10.6	106		80 - 120
Chlorobenzene	10.0	10.2	102		78 - 118
Chlorodibromomethane	10.0	10.2	102		76 - 116
Chloroethane	10.0	8.58	86		51 - 133
Chloroform	10.0	9.92	99		78 - 118
Chloromethane	10.0	9.14	91		46 - 142
2-Chlorotoluene	10.0	10.2	102		76 - 116
4-Chlorotoluene	10.0	9.75	98		78 - 118
Dibromomethane	10.0	10.1	101		77 - 117
1,2-Dichlorobenzene	10.0	10.0	100		76 - 116
1,3-Dichlorobenzene	10.0	9.40	94		75 - 115
1,4-Dichlorobenzene	10.0	9.58	96		77 - 117
Dichlorodifluoromethane	10.0	10.0	100		56 - 140

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C300000-102C
Matrix:	WATER	**Lab WorkOrder:**	JR31H1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 22:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethane	10.0	10.1	101		77 - 117
1,2-Dichloroethane	10.0	9.66	97		74 - 120
1,1-Dichloroethene	10.0	11.0	110		68 - 133
cis-1,2-Dichloroethene	10.0	9.80	98		75 - 115
trans-1,2-Dichloroethene	10.0	10.1	101		80 - 120
1,2-Dichloroethene (total)	20.0	19.9	100		78 - 118
1,2-Dichloropropane	10.0	10.3	103		76 - 116
1,3-Dichloropropane	10.0	10.2	102		75 - 115
2,2-Dichloropropane	10.0	10.6	106		72 - 128
1,1-Dichloropropene	10.0	10.6	106		75 - 115
cis-1,3-Dichloropropene	10.0	11.5	115		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	72	70	127	
2037-26-5	Toluene-d8	104	83	125	
1868-53-7	Dibromofluoromethane	97	77	119	
460-00-4	4-Bromofluorobenzene	95	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150293	**MS Lab Sample ID:**	D7C160379-006S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ80P1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:15
Basis:	Wet	**Date/Time Received:**	03/16/07 15:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 00:10
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	10.0	0.17		9.49	95		77 - 117
1,1,1-Trichloroethane	10.0	0.16		10.2	102		78 - 118
1,1,2,2-Tetrachloroethane	10.0	0.20		9.91	99		73 - 119
1,1,2-Trichloroethane	10.0	0.32		9.58	96		76 - 116
1,1-Dichloroethane	10.0	0.16		10.3	103		77 - 117
1,1-Dichloroethene	10.0	0.14		10.6	106		68 - 133
1,1-Dichloropropene	10.0	0.15		9.94	99		75 - 115
1,2,3-Trichlorobenzene	10.0	0.18		10.1	99		66 - 123
1,2,3-Trichloropropane	10.0	0.27		9.11	91		72 - 120
1,2,4-Trichlorobenzene	10.0	0.32		10.3	103		73 - 121
1,2,4-Trimethylbenzene	10.0	0.14		9.55	96		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	10.0	1.5		9.77	98		65 - 117
1,2-Dibromoethane (EDB)	10.0	0.18		9.49	95		77 - 117
1,2-Dichlorobenzene	10.0	0.13		9.86	99		76 - 116
1,2-Dichloroethane	10.0	0.13		9.52	95		74 - 120
1,2-Dichloroethene (total)	20.0	0.15		19.5	97		78 - 118
1,2-Dichloropropane	10.0	0.13		10.4	104		76 - 116
1,3,5-Trimethylbenzene	10.0	0.14		9.96	100		77 - 117
1,3-Dichlorobenzene	10.0	0.16		9.85	98		75 - 115
1,3-Dichloropropane	10.0	0.15		9.10	91		75 - 115
1,4-Dichlorobenzene	10.0	0.16		9.64	96		77 - 117
2,2-Dichloropropane	10.0	0.20		10.2	102		72 - 128
2-Butanone (MEK)	20.0	1.8		16.9	84		57 - 120
2-Chlorotoluene	10.0	0.17		10.2	102		76 - 116
2-Hexanone	20.0	1.4		17.6	88		57 - 121
2-Pentanone	20.0	0.82		18.6	93		42 - 115
4-Chlorotoluene	10.0	0.17		9.86	99		78 - 118
4-Methyl-2-pentanone	20.0	0.49		17.1	85		65 - 118
Acetone	20.0	1.9		13.8	69		48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150293	**MS Lab Sample ID:**	D7C160379-006S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ80P1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:15
Basis:	Wet	**Date/Time Received:**	03/16/07 15:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 00:10
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	10.0	0.16		9.98	100		77 - 118
Bromobenzene	10.0	0.17		9.86	99		75 - 115
Bromochloromethane	10.0	0.10		10.8	108		78 - 118
Bromodichloromethane	10.0	0.17		9.83	98		78 - 118
Bromoform	10.0	0.19		9.56	96		74 - 121
Bromomethane	10.0	0.21		9.14	91		42 - 154
Carbon disulfide	10.0	0.45		8.75	88		56 - 104
Carbon tetrachloride	10.0	0.19		10.3	103		80 - 120
Chlorobenzene	10.0	0.17		10.0	100		78 - 118
Chlorodibromomethane	10.0	0.17		10.0	100		76 - 116
Chloroethane	10.0	0.41		10.8	108		51 - 133
Chloroform	10.0	0.16		9.81	98		78 - 118
Chloromethane	10.0	0.30		9.76	98		46 - 142
cis-1,2-Dichloroethene	10.0	0.15		9.62	96		75 - 115
cis-1,3-Dichloropropene	10.0	0.16		10.7	107		76 - 116
Dibromomethane	10.0	0.17		10.2	102		77 - 117
Dichlorodifluoromethane	10.0	0.31		9.49	95		56 - 140
Ethylbenzene	10.0	0.16		9.56	96		78 - 118
Hexachlorobutadiene	10.0	0.12		11.2	112		73 - 123
Isopropylbenzene	10.0	0.19		8.81	88		71 - 111
m-Xylene & p-Xylene	20.0	0.34		19.8	99		78 - 118
Methyl tert-butyl ether	20.0	0.25		14.0	70		58 - 116
Methylene chloride	10.0	0.32		10.1	101		71 - 119
n-Butylbenzene	10.0	0.14		10.3	100		76 - 117
n-Propylbenzene	10.0	0.16		10.4	104		76 - 116
Naphthalene	10.0	1.7		11.2	95		62 - 121
o-Xylene	10.0	0.19		9.60	96		77 - 117
p-Isopropyltoluene	10.0	0.17		9.98	100		76 - 113
sec-Butylbenzene	10.0	0.17		11.7	117		80 - 120

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150293	**MS Lab Sample ID:**	D7C160379-006S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ80P1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:15
Basis:	Wet	**Date/Time Received:**	03/16/07 15:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 00:10
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Styrene	10.0	0.17		6.46	65	M2	77 - 117
tert-Butylbenzene	10.0	0.16		9.84	98		76 - 116
Tetrachloroethene	10.0	0.20		9.52	93		77 - 117
Toluene	10.0	0.17		9.41	94		73 - 120
trans-1,2-Dichloroethene	10.0	0.15		9.86	99		80 - 120
trans-1,3-Dichloropropene	10.0	0.19		8.80	88		72 - 117
Trichloroethene	10.0	0.16		10.1	101		78 - 122
Trichlorofluoromethane	10.0	0.29		10.3	103		63 - 135
Vinyl acetate	10.0	0.94		10.0	100		63 - 124
Vinyl chloride	10.0	0.17		9.85	98		49 - 136
Xylenes (total)	30.0	0.19		29.4	98		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	73	70	127	
460-00-4	4-Bromofluorobenzene	92	78	118	
1868-53-7	Dibromofluoromethane	97	77	119	
2037-26-5	Toluene-d8	100	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150293	**MSD Lab Sample ID:**	D7C160379-006D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ80P1AD
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:15
Basis:	Wet	**Date/Time Received:**	03/16/07 15:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 00:29
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	10.0	0.17		10.0	100	5.4		77 - 117	20
1,1,1-Trichloroethane	10.0	0.16		10.4	104	2.1		78 - 118	20
1,1,2,2-Tetrachloroethane	10.0	0.20		10.1	101	2.0		73 - 119	20
1,1,2-Trichloroethane	10.0	0.32		9.74	97	1.7		76 - 116	21
1,1-Dichloroethane	10.0	0.16		10.3	103	0.020		77 - 117	21
1,1-Dichloroethene	10.0	0.14		10.7	107	0.87		68 - 133	20
1,1-Dichloropropene	10.0	0.15		10.5	105	5.7		75 - 115	21
1,2,3-Trichlorobenzene	10.0	0.18		11.3	111	11		66 - 123	29
1,2,3-Trichloropropane	10.0	0.27		10.6	106	15		72 - 120	23
1,2,4-Trichlorobenzene	10.0	0.32		12.2	122	17	M1	73 - 121	25
1,2,4-Trimethylbenzene	10.0	0.14		11.4	114	17		77 - 117	20
1,2-Dibromo-3-chloroprop	10.0	1.5		10.3	103	5.7		65 - 117	22
1,2-Dibromoethane (EDB)	10.0	0.18		9.68	97	1.9		77 - 117	20
1,2-Dichlorobenzene	10.0	0.13		11.5	115	16		76 - 116	20
1,2-Dichloroethane	10.0	0.13		9.59	96	0.73		74 - 120	20
1,2-Dichloroethene (total)	20.0	0.15		20.0	100	2.6		78 - 118	20
1,2-Dichloropropane	10.0	0.13		10.6	106	1.9		76 - 116	20
1,3,5-Trimethylbenzene	10.0	0.14		10.7	107	7.0		77 - 117	20
1,3-Dichlorobenzene	10.0	0.16		11.0	110	11		75 - 115	20
1,3-Dichloropropane	10.0	0.15		9.96	100	9.0		75 - 115	20
1,4-Dichlorobenzene	10.0	0.16		10.7	107	11		77 - 117	23
2,2-Dichloropropane	10.0	0.20		10.6	106	4.0		72 - 128	24
2-Butanone (MEK)	20.0	1.8		19.4	97	14		57 - 120	32
2-Chlorotoluene	10.0	0.17		11.1	111	8.9		76 - 116	20
2-Hexanone	20.0	1.4		19.4	97	9.8		57 - 121	25

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150293	**MSD Lab Sample ID:**	D7C160379-006D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ80P1AD
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:15
Basis:	Wet	**Date/Time Received:**	03/16/07 15:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 00:29
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Pentanone	20.0	0.82		18.4	92	1.1		42 - 115	26
4-Chlorotoluene	10.0	0.17		11.0	110	11		78 - 118	20
4-Methyl-2-pentanone	20.0	0.49		19.5	98	13		65 - 118	22
Acetone	20.0	1.9		15.9	79	14		48 - 130	41
Benzene	10.0	0.16		10.0	100	0.24		77 - 118	20
Bromobenzene	10.0	0.17		10.4	104	5.6		75 - 115	20
Bromochloromethane	10.0	0.10		11.1	111	2.2		78 - 118	20
Bromodichloromethane	10.0	0.17		9.96	100	1.3		78 - 118	20
Bromoform	10.0	0.19		9.79	98	2.4		74 - 121	21
Bromomethane	10.0	0.21		9.60	96	4.9		42 - 154	24
Carbon disulfide	10.0	0.45		9.27	93	5.7		56 - 104	20
Carbon tetrachloride	10.0	0.19		10.4	104	1.6		80 - 120	21
Chlorobenzene	10.0	0.17		10.3	103	2.8		78 - 118	20
Chlorodibromomethane	10.0	0.17		10.3	103	2.3		76 - 116	20
Chloroethane	10.0	0.41		9.41	94	13		51 - 133	25
Chloroform	10.0	0.16		9.77	98	0.36		78 - 118	20
Chloromethane	10.0	0.30		10.1	101	3.7		46 - 142	24
cis-1,2-Dichloroethene	10.0	0.15		9.69	97	0.72		75 - 115	20
cis-1,3-Dichloropropene	10.0	0.16		10.6	106	0.92		76 - 116	20
Dibromomethane	10.0	0.17		9.85	98	3.5		77 - 117	20
Dichlorodifluoromethane	10.0	0.31		10.3	103	8.2		56 - 140	24
Ethylbenzene	10.0	0.16		10.3	103	7.6		78 - 118	26
Hexachlorobutadiene	10.0	0.12		12.1	121	7.8		73 - 123	25
Isopropylbenzene	10.0	0.19		9.54	95	8.0		71 - 111	20
m-Xylene & p-Xylene	20.0	0.34		20.0	100	0.89		78 - 118	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150293	**MSD Lab Sample ID:**	D7C160379-006D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ80P1AD
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:15
Basis:	Wet	**Date/Time Received:**	03/16/07 15:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 00:29
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Methyl tert-butyl ether	20.0	0.25		13.4	67	4.2		58 - 116	21
Methylene chloride	10.0	0.32		10.4	104	2.6		71 - 119	20
n-Butylbenzene	10.0	0.14		11.8	115	13		76 - 117	21
n-Propylbenzene	10.0	0.16		11.1	111	6.5		76 - 116	20
Naphthalene	10.0	1.7		12.3	106	9.1		62 - 121	32
o-Xylene	10.0	0.19		9.84	98	2.4		77 - 117	20
p-Isopropyltoluene	10.0	0.17		11.6	116	15	M1	76 - 113	20
sec-Butylbenzene	10.0	0.17		13.3	133	12	M1	80 - 120	21
Styrene	10.0	0.17		7.18	72	11	M2	77 - 117	20
tert-Butylbenzene	10.0	0.16		11.6	116	17		76 - 116	21
Tetrachloroethene	10.0	0.20		9.81	96	3.0		77 - 117	20
Toluene	10.0	0.17		9.80	98	4.0		73 - 120	20
trans-1,2-Dichloroethene	10.0	0.15		10.3	103	4.5		80 - 120	24
trans-1,3-Dichloropropene	10.0	0.19		9.27	93	5.2		72 - 117	20
Trichloroethene	10.0	0.16		10.5	105	4.3		78 - 122	20
Trichlorofluoromethane	10.0	0.29		11.0	110	6.7		63 - 135	20
Vinyl acetate	10.0	0.94		9.50	95	5.4		63 - 124	24
Vinyl chloride	10.0	0.17		9.84	98	0.070		49 - 136	24
Xylenes (total)	30.0	0.19		29.8	99	1.4		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	76	70	127	
460-00-4	4-Bromofluorobenzene	92	78	118	
1868-53-7	Dibromofluoromethane	97	77	119	
2037-26-5	Toluene-d8	103	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	RR7656.D
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C300000-102B
Matrix:	WATER	**Lab Work Order:**	JR31H1AA
Analysis Method:	8260B	**Date/Time Extracted:**	03/27/07 20:50
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	03/27/07 22:46
QC Batch ID:	7089102	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-112A-7A1	JQ5PE1AA	RR7656.D	03/27/07	23:13
ASE-107A-7A1	JQ5QC1AA	RR7657.D	03/27/07	23:32
LAB MS/MSD MS	JQ80P1AC S	RR7659.D	03/28/07	00:10
LAB MS/MSD MSD	JQ80P1AD D	RR7660.D	03/28/07	00:29
CHECK SAMPLE	JR31H1AC C	RR7653A.	03/27/07	22:08

STL

Semivolatile GC

Lot ID: D7C150293

Client: CH2M Hill

Method: SW846 8015B DRO

Associated Samples: 002 - 008, 010, 016, 017, 024, 025, 027 - 029

Batch: 7074462

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-126A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-002
Matrix:	WATER	**Lab WorkOrder:**	JQ5NT1AC
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 23:13
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/20/07 21:53
Sample Aliquot:	894 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1[illegible]67	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2[illegible]10	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	106	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-97A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-003
Matrix:	WATER	**Lab WorkOrder:**	JQ5N41AC
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 23:51
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/20/07 22:30
Sample Aliquot:	891 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	101	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-90A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-004
Matrix:	WATER	**Lab WorkOrder:**	JQ5N61AC
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 00:27
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/21/07 00:21
Sample Aliquot:	863 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**4.9**	0.032	0.25		
Q2210	TPH C10-C32	**4.9**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84[illegible]5-1	o-Terphenyl	100	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-105A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-005
Matrix:	WATER	**Lab WorkOrder:**	JQ5PC1AC
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 01:10
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/21/07 00:58
Sample Aliquot:	941 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1167	Diesel Range Organics (C10-C28)	**0.30**	0.032	0.25		
Q2210	TPH C10-C32	**0.30**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	107	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-112A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-006
Matrix:	WATER	**Lab WorkOrder:**	JQ5PE1AC
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 01:40
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/21/07 01:35
Sample Aliquot:	886 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.42**	0.032	0.25		
Q2210	TPH C10-C32	**0.43**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	104	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-89A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-007
Matrix:	WATER	**Lab WorkOrder:**	JQ5PG1AC
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 02:12
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/21/07 02:11
Sample Aliquot:	921 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**9.2**	0.032	0.25		
Q2210	TPH C10-C32	**9.2**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84[illegible]5-1	o-Terphenyl	107	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-507-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-008
Matrix:	WATER	**Lab WorkOrder:**	JQ5PH1AC
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 02:22
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/21/07 02:48
Sample Aliquot:	910 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**7.9**	0.032	0.25		
Q[illegible]10	TPH C10-C32	**7.9**	0.032	0.25		
Q1[illegible]70	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	101	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8B-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-010
Matrix:	WATER	**Lab WorkOrder:**	JQ5P11AC
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:03
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/21/07 03:25
Sample Aliquot:	955 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	98	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-107A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-016
Matrix:	WATER	**Lab WorkOrder:**	JQ5QC1AC
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 03:22
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/21/07 04:01
Sample Aliquot:	909 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.36**	0.032	0.25		
Q2210	TPH C10-C32	**0.36**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	105	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-113A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-017
Matrix:	WATER	**Lab WorkOrder:**	JQ5QP1AC
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 04:30
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/21/07 06:36
Sample Aliquot:	854 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.037**	0.032	0.25	E4	J
Q2210	TPH C10-C32	**0.049**	0.032	0.25	E4	J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50	E8	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	97	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2102-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-024
Matrix:	WATER	**Lab WorkOrder:**	JQ5RD1AC
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 13:35
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/21/07 07:13
Sample Aliquot:	978 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	104	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2101-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-025
Matrix:	WATER	**Lab WorkOrder:**	JQ5RG1AC
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 14:18
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/21/07 07:50
Sample Aliquot:	963 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25	E8	
Q2210	TPH C10-C32	**0.049**	0.032	0.25	E4	J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50	E8	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	102	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-54A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-027
Matrix:	WATER	**Lab WorkOrder:**	JQ5RK1AC
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 15:43
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/21/07 09:40
Sample Aliquot:	970 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	107	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-506-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-028
Matrix:	WATER	**Lab WorkOrder:**	JQ5RP1AC
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 15:53
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/21/07 10:17
Sample Aliquot:	987 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	101	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PHXA-06-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-029
Matrix:	WATER	**Lab WorkOrder:**	JQ5RQ1AC
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:04
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/21/07 10:54
Sample Aliquot:	964 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	103	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150000-462B
Matrix:	WATER	**Lab WorkOrder:**	JQ6ET1AD
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17:00
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/20/07 17:35
Sample Aliquot:	1000 mL	**Instrument ID:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1767	Diesel Range Organics (C10-C28)	0.032	0.032	0.25	
Q1770	TPH quantitated as Motor Oil(C24-C36)	0.056	0.056	0.50	
Q2210	TPH C10-C32	0.032	0.032	0.25	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	103	48	117	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09KI01

Lot/SDG Number: D7C150293 **QC Batch ID:** 7074462

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-97A-7A1	JQ5N41AC	101								0
ASE-90A-7A1	JQ5N61AC	100								0
ASE-126A-7A1	JQ5NT1AC	106								0
BC-8B-7A1	JQ5P11AC	98								0
ASE-105A-7A1	JQ5PC1AC	107								0
ASE-112A-7A1	JQ5PE1AC	104								0
ASE-89A-7A1	JQ5PG1AC	107								0
PL-507-7A1	JQ5PH1AC	101								0
ASE-107A-7A1	JQ5QC1AC	105								0
ASE-113A-7A1	JQ5QP1AC	97								0
PL-2102-7A1	JQ5RD1AC	104								0
PL-2101-7A1	JQ5RG1AC	102								0
ASE-54A-7A1	JQ5RK1AC	107								0
PL-506-7A1	JQ5RP1AC	101								0
PHXA-06-7A1	JQ5RQ1AC	103								0
CHECK SAMPLE	JQ6ET1AC	89								0
INTRA-LAB BLANK	JQ6ET1AD	103								0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	o-Terphenyl	50	115

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150000-462C
Matrix:	WATER	**Lab WorkOrder:**	JQ6ET1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/15/07 17:00
QC Batch ID:	7074462	**Date/Time Analyzed:**	03/20/07 18:12
Sample Aliquot:	1000 mL	**Instrument ID:**	U
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Diesel Range Organics (C10-C28)	2.00	1.83	91		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	89	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	022B2201.
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150000-462B
Matrix:	WATER	**Lab Work Order:**	JQ6ET1AD
Analysis Method:	8015B	**Date/Time Extracted:**	03/15/07 17:00
Extraction Method:	I09KI01	**Date/Time Analyzed:**	03/20/07 17:35
QC Batch ID:	7074462	**Instrument ID:**	U

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-97A-7A1	JQ5N41AC	022B2201.	03/20/07	22:30
ASE-90A-7A1	JQ5N61AC	025B2501.	03/21/07	00:21
ASE-126A-7A1	JQ5NT1AC	021B2101.	03/20/07	21:53
BC-8B-7A1	JQ5P11AC	030B3001.	03/21/07	03:25
ASE-105A-7A1	JQ5PC1AC	026B2601.	03/21/07	00:58
ASE-112A-7A1	JQ5PE1AC	027B2701.	03/21/07	01:35
ASE-89A-7A1	JQ5PG1AC	028B2801.	03/21/07	02:11
PL-507-7A1	JQ5PH1AC	029B2901.	03/21/07	02:48
ASE-107A-7A1	JQ5QC1AC	031B3101.	03/21/07	04:01
ASE-113A-7A1	JQ5QP1AC	032B3201.	03/21/07	06:36
PL-2102-7A1	JQ5RD1AC	033B3301.	03/21/07	07:13
PL-2101-7A1	JQ5RG1AC	034B3401.	03/21/07	07:50
ASE-54A-7A1	JQ5RK1AC	037B3701.	03/21/07	09:40
PL-506-7A1	JQ5RP1AC	038B3801.	03/21/07	10:17
PHXA-06-7A1	JQ5RQ1AC	039B3901.	03/21/07	10:54
CHECK SAMPLE	JQ6ET1AC C	015B1501.	03/20/07	18:12

STL

HPLC

Lot ID: D7C150293

Client: CH2M Hill

Method: SW846 8310

Associated Samples: 002

Batch: 7078396

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-126A-7A1
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C150293-002
Matrix:	WATER	**Lab WorkOrder:**	JQ5NT1AD
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 23:13
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 12:05
Sample Aliquot:	890 mL	**Instrument ID:**	G1
Dilution Factor:	1		

footnotes

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
83-32-9	Acenaphthene	ND	1.0		
208-96-8	Acenaphthylene	ND	1.0		
120-12-7	Anthracene	ND	0.30		
56-55-3	Benzo(a)anthracene	ND	0.20		
50-32-8	Benzo(a)pyrene	ND	0.20		
205-99-2	Benzo(b)fluoranthene	ND	0.20		
191-24-2	Benzo(ghi)perylene	ND	0.20		
207-08-9	Benzo(k)fluoranthene	ND	0.10		
218-01-9	Chrysene	ND	0.20		
53-70-3	Dibenzo(a,h)anthracene	ND	0.30		
206-44-0	Fluoranthene	ND	0.40		
86-73-7	Fluorene	ND	0.30		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20		
91-20-3	Naphthalene	ND	1.0		
85-01-8	Phenanthrene	ND	0.30		
129-00-0	Pyrene	ND	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	98	70	115	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C190000-396B
Matrix:	WATER	**Lab WorkOrder:**	JRCE41AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 10:03
Sample Aliquot:	1000 mL	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	0.043	0.043	1.0	
120-12-7	Anthracene	0.061	0.061	0.30	
206-44-0	Fluoranthene	0.081	0.081	0.40	
86-73-7	Fluorene	0.099	0.099	0.30	
193-39-5	Indeno(1,2,3-cd)pyrene	0.047	0.047	0.20	
91-20-3	Naphthalene	0.056	0.056	1.0	
56-55-3	Benzo(a)anthracene	0.032	0.032	0.20	
205-99-2	Benzo(b)fluoranthene	0.053	0.053	0.20	
207-08-9	Benzo(k)fluoranthene	0.023	0.023	0.10	
191-24-2	Benzo(ghi)perylene	0.020	0.020	0.20	
50-32-8	Benzo(a)pyrene	0.053	0.053	0.20	
85-01-8	Phenanthrene	0.095	0.095	0.30	
129-00-0	Pyrene	0.043	0.043	0.20	
53-70-3	Dibenzo(a,h)anthracene	0.055	0.055	0.30	
208-96-8	Acenaphthylene	0.043	0.043	1.0	
218-01-9	Chrysene	0.028	0.028	0.20	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	100	70	115	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09SG01

Lot/SDG Number: D7C150293 **QC Batch ID:** 7078396

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-126A-7A1	JQ5NT1AD	98								0
LAB MS/MSD MS	JQ84K1AJ	98								0
LAB MS/MSD MSD	JQ84K1AK	101								0
INTRA-LAB BLANK	JRCE41AA	100								0
CHECK SAMPLE	JRCE41AC	101								0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	Terphenyl-d14	70	115

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C190000-396C
Matrix:	WATER	**Lab WorkOrder:**	JRCE41AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 10:33
Sample Aliquot:	1000 mL	**Instrument ID:**	G1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Fluorene	20.0	21.0	105		58 - 116
Indeno(1,2,3-cd)pyrene	20.0	21.5	107		72 - 115
Naphthalene	20.0	16.9	84		56 - 115
Benzo(a)pyrene	20.0	21.8	109		68 - 115
Pyrene	20.0	21.9	110		72 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	101	70	115	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150293	**MS Lab Sample ID:**	D7C160389-006S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ84K1AJ
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 14:38
MS Sample Aliquot:	843 mL	**Instrument ID:**	G1
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzo(a)pyrene	23.7	0.053		24.6	104		68 - 115
Fluorene	23.7	0.099		25.7	108		58 - 116
Indeno(1,2,3-cd)pyrene	23.7	0.047		22.5	95		72 - 115
Naphthalene	23.7	0.056		22.0	93		56 - 115
Pyrene	23.7	0.043		25.5	107		72 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	98	70	115	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150293	**MSD Lab Sample ID:**	D7C160389-006D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ84K1AK
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 15:09
MSD Sample Aliquot:	819 mL	**Instrument ID:**	G1
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Benzo(a)pyrene	24.4	0.053		24.9	102	1.3		68 - 115	20
Fluorene	24.4	0.099		27.4	112	6.4		58 - 116	27
Indeno(1,2,3-cd)pyrene	24.4	0.047		22.8	93	1.2		72 - 115	20
Naphthalene	24.4	0.056		23.7	97	7.7		56 - 115	21
Pyrene	24.4	0.043		26.8	110	5.2		72 - 115	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	101	70	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	39
Lot/SDG Number:	D7C150293	**Lab Sample ID:**	D7C190000-396B
Matrix:	WATER	**Lab Work Order:**	JRCE41AA
Analysis Method:	8310	**Date/Time Extracted:**	03/19/07 14:15
Extraction Method:	I09SG01	**Date/Time Analyzed:**	03/21/07 10:03
QC Batch ID:	7078396	**Instrument ID:**	G1

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-126A-7A1	JQ5NT1AD	39	03/21/07	12:05
LAB MS/MSD MS	JQ84K1AJ S	43	03/21/07	14:38
LAB MS/MSD MSD	JQ84K1AK D	44	03/21/07	15:09
CHECK SAMPLE	JRCE41AC C	36	03/21/07	10:33

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC #: 37380_070314B
Page 1 of 1
Lab Use Only
Project No:
Job No.

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: ~~Mike Wise~~ RICH RANDALL
Project Number:
Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐
Normal TAT

Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

	Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS/MSD	Filtered Sample	Unfiltered Sample	SW8015	SW8260	SW8310	Lab Sample Numbers
	Location ID	Field Sample ID													
1	Trip Blank	TB-031407B 13	Mar 14 2007	2230	BLKWATER	WATER	82	X			X		X		
2	ASE-126A	ASE-126A-7A1 13	Mar 14 2007	2313	GW	WATER	7	X			X	X	X	X	
3	ASE-97A	ASE-97A-7A1 13	Mar 14 2007	2351	GW	WATER	5	X			X	X	X		
4	ASE-90A	ASE-90A-7A1	Mar 14 2007	0027	GW	WATER	5	X			X	X	X		
5	ASE-105A	ASE-105A-7A1	Mar 14 2007	0110	GW	WATER	5	X			X	X	X		
6	ASE-112A	ASE-112A-7A1	Mar 14 2007	0140	GW	WATER	5	X			X	X	X		
7	ASE-89A	ASE-89A-7A1	Mar 14 2007	0212	GW	WATER	5	X			X	X	X		
8	FIELDQC	PL-507-7A1	Mar 14 2007	0222	GW	WATER	5	X			X	X	X		
9	BC-8C	BC-8C-7A1	Mar 14 2007	1052	GW	WATER	3	X			X		X		
10	BC-8B	BC-8B-7A1	Mar 14 2007	0603	GW	WATER	5	X			X	X	X		
11	BC-8A	BC-8A-7A1	Mar 14 2007	0535	GW	WATER	3	X			X		X		
~~12~~	~~BC-18~~	~~BC-18-7A1~~	~~Mar 14 2007~~	~~DRY~~	~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~		DRY
13	ASE-84A	ASE-84A-7A1	Mar 14 2007	0745	GW	WATER	3	X			X		X		
14	ASE-84C	ASE-84C-7A1	Mar 14 2007	0834	GW	WATER	3	X			X		X		
15	BC-10A	BC-10A-7A1	Mar 14 2007	0912	GW	WATER	3	X			X		X		
16	BC-10B	BC-10B-7A1	Mar 14 2007	0955	GW	WATER	3	X			X		X		
17															
18	ASE107A	ASE107A-7A1	Mar 14	0322	GW	WTR	5	X			X	X	X		
19	ASE113A	ASE113A-7A1	Mar 14	0430	GW	WTR	5	X			X	X	X		
20															
21															
22															
23															

Special Instructions: Standard TAT 10 days.

Relinquished by:	Company:	Date/Time:	Received by:	Company:
[signature]	HTA	03/14/07 15:00		FED EX
		3/15/07 0930	[signature]	

4.2, 4.6
pl 3/15/07 IRI

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC # : 37380_070313A
Page 1 of 1

Lab Use Only
Project No:
Job No:

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: ~~Mike Wiese~~ Jeff Yeates
Project Number:
Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐
Normal TAT

Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

	Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS/MSD	Filtered Sample	Unfiltered Sample	SW8015	SW8260	Lab Sample Numbers
	Location ID	Field Sample ID												
1	Trip Blank	TB-031307A	Mar 13 2007	0600	BLKWATER	WATER	2	X			X		X	
2	BC-14	BC-14-7A1	Mar 13 2007	1010	GW	WATER	3	X			X		X	
3	BC-13	BC-13-7A1	Mar 13 2007	1050	GW	WATER	3	X			X		X	
4	BC-15	BC-15-7A1	Mar 13 2007	0654	GW	WATER	3	X			X		X	
5	ASE-69A	ASE-69A-7A1	Mar 13 2007	0916	GW	WATER	3	X			X		X	
6	PL-2103	PL-2103-7A1	Mar 13 2007	1259	GW	WATER	3	X			X		X	
7	PL-2102	PL-2102-7A1	Mar 13 2007	1335	GW	WATER	5	X			X	X	X	
8	PL-2101	PL-2101-7A1	Mar 13 2007	1418	GW	WATER	5	X			X	X	X	
9	BC-4	BC-4-7A1	Mar 13 2007	1510	GW	WATER	3	X			X		X	
10	ASE-54A	ASE-54A-7A1	Mar 13 2007	1543	GW	WATER	5	X			X	X	X	
11	FIELDQC	PL-506-7A1	Mar 13 2007	1553	GW	WATER	5	X			X	X	X	
12	PHXA-06	PHXA-06-7A1	"	0804	GW	"	5	X			X	X	X	
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														

Special Instructions: Standard TAT 10 days.

Relinquished by:	Company:	Date/Time:	Received by:	Company:
[signature]	HA	03/14/07 1500	[signature]	FED EX
Relinquished by:	Company:	Date/Time:	Received by:	Company:
		3/15/07 0930	[signature]	
Relinquished by:	Company:	Date/Time:	Received by:	Company:

3.8 4.8
ld 3/15/07 IR1

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC # : 37380_070313B
Page 1 of 1

Lab Use Only
Project No:
Job No:

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: ~~Mike Wiese~~ Rich Randall
Project Number:
Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐
Normal TAT

Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

Sample Identification: Location ID	Field Sample ID	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS/MSD	Filtered Sample	Unfiltered Sample	SW8260	Lab Sample Numbers
1 Trip Blank	TB-031307B	Mar 13 2007	0635	BLKWATER	WATER	2	X			X	X	
2 ASE-24C	ASE-24C-7A1	Mar 13 2007	0649	GW	WATER	3	X			X	X	
3 ~~ASE-28A~~	~~ASE-28A-7A1~~	~~Mar 13 2007~~		~~GW~~	~~WATER~~	~~3~~	~~X~~			~~X~~	~~X~~	DRY
4 ~~BC-10C~~	~~BC-10C-7A1~~	~~Mar 13 2007~~		~~GW~~	~~WATER~~	~~3~~	~~X~~			~~X~~	~~X~~	
5 ~~FIELDQC~~	~~PL-505-7A1~~	~~Mar 13 2007~~		~~GW~~	~~WATER~~	~~3~~	~~X~~			~~X~~	~~X~~	
6 ASE-75C	ASE-75C-7A1	Mar 13 2007	0816	GW	WATER	9	X	X		X	X	9 vols for MS/MSD?
7 ASE-75B	ASE-75B-7A1	Mar 13 2007	0903	GW	WATER	3	X			X	X	
8 ASE-75A	ASE-75A-7A1	Mar 13 2007	0936	GW	WATER	3	X			X	X	
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												

Special Instructions: Standard TAT 10 days.

Relinquished by:	Company:	Date/Time:	Received by:	Company:
MFW	H/A	03/14/07/1500	—	FED EX
		3/15/07 0930	Karen Biondell	

STL Denver

Sample Receiving Checklist

Lot #: D7C150293 Date/Time Received: 3/15/07 0930

Company Name & Sampling Site: CH2M Hill Honeywell

PM to Complete This Section: *Yes* *No* *Yes* *No*

Residual chlorine check required: ☐ ☐ Quarantined : ☐ ☐

Quote #: 69074

Special Instructions:

Time Zone:

• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): 4

Temperatures (°C): 4.2 4.6 4.8 3.8

N/A	*Yes*	*No*		*Initials*
☐	☑	☐	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	dt
	☑	☐	2. Chain of custody present? If no, document on CUR.	
	☐	☑	3. Bottles broken and/or are leaking? If yes, document on CUR.	
	☐	☑	4. Multiphasic samples obvious? If yes, document on CUR.	
	☑	☐	5. Proper container & preservatives used? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR.	
☑	☐	☐	6. pH of all samples checked and meet requirements? If no, document on CUR.	
	☑	☐	7. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.	
	☐	☐	8. Did chain of custody agree with labels ID and samples received? If no, document on CUR.	
☐	☐	☐	9. Were VOA samples without headspace? If no, document on CUR.	
☐	☑	☐	10. Were VOA vials preserved? Preservative ☑HCl ☐4±2°C ☐Sodium Thiosulfate ☐ Ascorbic Acid	
	☐	☑	11. Did samples require preservation with sodium thiosulfate?	
☐	☐	☐	12. If yes to #11, did the samples contain residual chlorine? If yes, document on CUR.	
☐	☐	☐	13. Sediment present in dissolved/filtered bottles? If yes, document on CUR.	
☐	☑	☐	14. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☐	☐	15. Receipt date(s) > 48 hours past the collection date(s)? If yes, notify PA/PM.	
	☐	☐	16. Are analyses with short holding times requested?	
	☐	☐	17. Was a quick Turn Around (TAT) requested?	

STL Denver

Sample Receiving Checklist

Lot # D7C150293

Login Checks:

N/A	Yes	No		Initials
	☑	☐	18. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.	NB
☐	☑	☐	19. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☑	☐	20. Did the chain of custody includes "received by" and "relinquished" by signatures, dates, and times?	
☐	☑	☐	21. Were special log in instructions read and followed?	
☑	☐	☐	22. Were AFCEE metals logged for refrigerated storage?	
	☑	☐	23. Were tests logged checked against the COC? Which samples were confirmed? 1	
☑	☐	☐	24. Was a Rush form completed for quick TAT?	
☑	☐	☐	25. Was a Short Hold form completed for any short holds?	
	☐	☑	26. Is "Strict ICOC" required?	
	☐	☑	27. Were special archiving instructions indicated in the General Comments? If so, what were they?	

Labeling and Storage Checks:

				Initials
☑	☐	☐	28. Was the subcontract COC signed and sent with samples to bottle prep?	GP
	☑	☐	29. Were sample labels double-checked by a second person?	
☑	☐	☐	30. Were sample bottles and COC double checked for dissolved/filtered metals by a second person?	
	☑	☐	31. Did the sample ID, Date, and Time from label match what was logged?	
☑	☐	☐	32. Were stickers for special archiving instructions affixed to each box and to the ICOC? See #27	
☑	☐	☐	33. Were AFCEE metals stored refrigerated?	
☑	☐	☐	34. Were "Strict ICOC" copies given to satellite storage areas?	

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR).

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Honeywell GW Program

Lot #: D7C150297

Daniel Moore

CH2M Hill, Inc
727 North First Street
Suite 400
St Louis, MO 63102

STL DENVER

Karen Kuoppala
Project Manager

March 29, 2007
Revised April 23, 2007

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	

- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **QC by Method**
- **Chain-of-Custody**

Case Narrative
Lot D7C150297

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted.

The test results presented in this report meet all requirements of NELAC, and any exceptions are noted. This report shall not be reproduced, except in full, without written permission from the laboratory.

This report has been revised to add Arizona qualifiers as appropriate.

Sample Receiving
One sample was received at STL Denver on March 15, 2007. The sample was received in good condition at a temperature of 4.6°C.

GC/MS Volatiles – Method CFR136A 624
The MS/MSD associated with batch 7082283 was performed on a sample from another client and/or lot and exhibited spike compound recoveries outside of the control limits. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines.

Carbon Tetrachloride were recovered outside the QC limits, biased high, in the second source Initial Calibration Verification (ICV) standard. This is an indicator that data may be biased high. As no detectable concentration is present in the associated sample, corrective action was not taken.

Quality Control Definitions of Terms

Term	Definition
Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. A LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. An LCSD is a second Laboratory Control Sample.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MSs/MSDs are carried throughout the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.
Sample Duplicate	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative of the precision for other samples in the batch.
Method Detection Limit "MDL"	The method detection limit is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from replicate analyses of low level standards in a typical representative matrix.
Reporting Limit "RL"	The STL reporting limit is normally the lowest level at which measurements become quantitatively meaningful, ie., the quantitation limit, which is approximately three times the MDL. Some projects require RLs that are less than the quantitation limit to achieve particular maximum contaminant levels (MCLs) or relevant and appropriate requirements (ARARs), but RLs cannot be less than the statistically determined MDL.

Quality Control Definitions of Qualifiers

Qualifier	Definition
*	Surrogate or Relative Percent Difference (RPD) is outside control limits.
a	Spiked analyte recovery is outside control limits.
B	Organics: Method blank contamination.. The associated method blank contains the target analyte at a reportable level. Inorganics: Estimated result. Result is less than the RL
COL	More than 40% difference between the primary and confirmation detector results. The lower of the two results is reported.
DIL	The concentration is estimated or not reported due to dilution.
E	Estimated result. Result concentration exceeds the calibration range.
G	Inorganics: Elevated reporting limit. The reporting limit is elevated due to matrix interference.
J	Organics: Estimated result. Result is less than RL Inorganics: Method blank contamination. The associated method blank contains the target analyte at a reportable level.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present
N	Spiked analyte recovery is outside stated control limits.
NC	The recovery and/or RPD were not calculated.
ND	The analyte was not detected at the MDL concentration and with a measurable degree of confidence can be said not to be present at or above the RL concentration.
p	Relative percent difference (RPD) is outside stated control limits.
Q	Elevated reporting limit. The reporting limit is elevated due to high analyte levels.
V	General Chemistry: Elevated reporting limit due to limited sample volume.
Wa	Post digestion spike recovery fell between 40-85% due to matrix interference.
Wb	Post digestion spike recovery fell between 115-150% due to matrix interference.
I	Percent recovery is estimated since the results exceeded the calibration range.
T1	A tentatively identified compound that did not generate a spectral match of 80% or greater. Typically called "unknown"
T2	A tentatively identified compound with a spectral match of 80% or better
T3	A tentatively identified compound that was calibrated for by the lab, but not on the client target analyte list.
IC	Diluted due to high inorganic chloride.

Arizona Data Qualifiers
Revision 2.0

Qualifier	Definition
B1	Target analyte detected in method blank at or above the method reporting limit.
B2	Non-target analyte detected in method blank and sample, producing interference.
B3	Target analyte detected in calibration blank at or above the method reporting limit.
B4	Target analyte detected in blank at/above method acceptance criteria.
B5	Target analyte detected in method blank at or above the method reporting limit, but below trigger level or **MCL**.
B6	Target analyte detected in calibration blank at or above the method reporting limit, but below trigger level or **MCL**.
B7	Target analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10x above the concentration found in the method blank.
C1	Confirmatory analysis not performed as required by the method.
C3	Qualitative confirmation performed.
C4	Confirmatory analysis was past holding time.
C5	Confirmatory analysis was past holding time. Original result not confirmed.
C6	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the higher value was reported as there was no obvious chromatographic interference.
C7	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic interference.
D1	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analytes.
D3	Sample dilution required due to insufficient sample.
D4	Minimum reporting level (MRL) adjusted to reflect sample amount received and analyzed.
E1	Concentration estimated. Analyte exceeded calibration range. Reanalysis is not possible due to insufficient sample.
E2	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to sample matrix.
E3	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL).
E5	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL), but not confirmed by alternate analysis.
E6	Concentration estimated. Internal standard recoveries did not meet method acceptance criteria.
E7	Concentration estimated. Internal standard recoveries did not meet lab acceptance criteria.
E8	Analyte reported to MDL per project specifications. Target analyte was not detected in the sample.

Qualifier	Definition
H1	Sample analysis performed past holding time.
H2	Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
H3	Sample was received and analyzed past holding time.
H4	Sample was extracted past required extraction holding time, but analyzed within analysis holding time.
L1	The associated blank spike recovery was above lab acceptance limits.
L2	The associated blank spike recovery was below lab acceptance limits.
L3	The associated blank spike recovery was above method acceptance limits.
L4	The associated blank spike recovery was below method acceptance limits.
M1	Matrix spike recovery was high; the method control sample recovery was acceptable.
M2	Matrix spike recovery was low; the method control sample recovery was acceptable.
M3	The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to spike level. The method control sample recovery was acceptable.
M4	The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
M5	Analyte concentration was determined by the Method of Standard Addition (MSA).
M6	Matrix spike recovery was high. Data reported per ADEQ policy 0154.000.
M7	Matrix spike recovery was low. Data reported per ADEQ policy 0154.000.
Q1	Sample integrity was not maintained. See case narrative.
Q2	Sample received with head space.
Q3	Sample received with improper chemical preservation.
Q4	Sample received and analyzed without chemical preservation.
Q5	Sample received with inadequate chemical preservation, but preserved by the laboratory.
Q6	Sample was received above recommended temperature.
Q7	Sample inadequately dechlorinated.
Q8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
Q9	Insufficient sample received to meet method QC requirements.
Q10	Sample received in inappropriate sample container.
Q11	Sample is heterogeneous. Sample homogeneity could not be readily achieved using routine laboratory practices.

Qualifier	Definition
R1	RPD exceeded the method control limit. See case narrative.
R2	RPD exceeded the laboratory control limit. See case narrative.
R4	MS/MSD RPD exceeded the method control limit. Recovery met acceptance criteria.
R5	MS/MSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R6	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R8	Sample RPD exceeded the method control limit.
R9	Sample RPD exceeded the laboratory control limit.
R10	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic problems.
R11	The RPD calculation for MS/MSD does not provide useful information due to the varying sample weights when Encore samplers/methanol field preserved samples are used.
S1	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits.
S3	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits. No target analytes were detected in the sample.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.
S5	Surrogate recovery was below laboratory acceptance limits, but within method acceptance limits.
S6	Surrogate recovery was below laboratory and method acceptance limits. Re-extraction and/or reanalysis confirm low recovery caused by matrix effect.
S7	Surrogate recovery was below laboratory and method acceptance limits. Unable to confirm matrix effect.
S8	The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The method control sample recovery was acceptable.
S10	Surrogate recovery was above laboratory and method acceptance limits. See case narrative.
S11	Surrogate recovery was high. Data reported per ADEQ policy 0154.000.
S12	Surrogate recovery was low. Data reported per ADEQ policy 0154.000.
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.
V2	CCV recovery was above method acceptance limits. This target analyte was detected in the sample. The sample could not be reanalyzed due to insufficient sample.
V3	CCV recovery was above method acceptance limits. This target analyte was detected in the sample, but the sample was not reanalyzed. See case narrative.
V4	CCV recovery was below method acceptance limits. The sample could not be reanalyzed due to insufficient sample.

Qualifier	Definition
V5	CCV recovery after a group of samples was above acceptance limits. This target analyte was not detected in the sample. Acceptance per EPA Method 8000B.
V6	Data reported from one-point calibration criteria per ADEQ policy 0155.000.
V7	Calibration verification recovery was above the method control limits for this analyte; however the average % difference or % drift for all the analytes met method criteria.
V8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
W1	The % RSD for this compound was above 20%. The average % RSD for all compounds in the calibration met the 20% criteria as specified in EPA Method 8000B.
W2	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA Method 8260B/8270C

EXECUTIVE SUMMARY - Detection Highlights

D7C150297

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
NO DETECTABLE PARAMETERS				

METHODS SUMMARY

D7C150297

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Purgeables	CFR136A 624	CFR136A 624

References:

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

METHOD / ANALYST SUMMARY

D7C150297

ANALYTICAL METHOD	ANALYST	ANALYST ID
CFR136A 624	Jennifer Hazard	007928

References:

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

SAMPLE SUMMARY

D7C150297

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JQ5NP	001	TANK-17-7A1	03/14/07	08:32

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

D7C150297

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	CFR136A 624		7082283	7082162

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TANK-17-7A1
Lot/SDG Number:	D7C150297	**Lab Sample ID:**	D7C150297-001
Matrix:	WATER	**Lab WorkOrder:**	JQ5NP1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 08:32
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082283	**Date/Time Analyzed:**	03/22/07 17:19
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-55-6	1,1,1-Trichloroethane	ND	5.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0		
79-00-5	1,1,2-Trichloroethane	ND	5.0		
75-34-3	1,1-Dichloroethane	ND	5.0		
75-35-4	1,1-Dichloroethene	ND	5.0		
95-50-1	1,2-Dichlorobenzene	ND	5.0		
107-06-2	1,2-Dichloroethane	ND	5.0		
78-87-5	1,2-Dichloropropane	ND	5.0		
541-73-1	1,3-Dichlorobenzene	ND	5.0		
106-46-7	1,4-Dichlorobenzene	ND	5.0		
71-43-2	Benzene	ND	5.0		
75-27-4	Bromodichloromethane	ND	5.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	10		
56-23-5	Carbon tetrachloride	ND	5.0		
108-90-7	Chlorobenzene	ND	5.0		
75-00-3	Chloroethane	ND	10		
67-66-3	Chloroform	ND	5.0		
74-87-3	Chloromethane	ND	10		
156-59-2	cis-1,2-Dichloroethene	ND	5.0		
10061-01-5	cis-1,3-Dichloropropene	ND	5.0		
124-48-1	Dibromochloromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
127-18-4	Tetrachloroethene	ND	5.0		
108-88-3	Toluene	ND	5.0		
156-60-5	trans-1,2-Dichloroethene	ND	5.0		
10061-02-6	trans-1,3-Dichloropropene	ND	5.0		
79-01-6	Trichloroethene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TANK-17-7A1
Lot/SDG Number:	D7C150297	**Lab Sample ID:**	D7C150297-001
Matrix:	WATER	**Lab WorkOrder:**	JQ5NP1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 08:32
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082283	**Date/Time Analyzed:**	03/22/07 17:19
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
75-69-4	Trichlorofluoromethane	ND	5.0		
75-01-4	Vinyl chloride	ND	10		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	118	73	122		
2037-26-5	Toluene-d8	91	80	120		
460-00-4	4-Bromofluorobenzene	87	79	119		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150297	**Lab Sample ID:**	D7C230000-283B
Matrix:	WATER	**Lab WorkOrder:**	JRMKF1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082283	**Date/Time Analyzed:**	03/22/07 14:22
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.66	0.66	5.0	
100-41-4	Ethylbenzene	0.20	0.20	5.0	
75-69-4	Trichlorofluoromethane	0.26	0.26	5.0	
75-09-2	Methylene chloride	0.97	0.97	5.0	
71-43-2	Benzene	0.22	0.22	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.26	0.26	5.0	
127-18-4	Tetrachloroethene	0.30	0.30	5.0	
108-88-3	Toluene	0.27	0.27	5.0	
71-55-6	1,1,1-Trichloroethane	0.35	0.35	5.0	
79-00-5	1,1,2-Trichloroethane	0.62	0.62	5.0	
79-01-6	Trichloroethene	0.30	0.30	5.0	
75-01-4	Vinyl chloride	0.49	0.49	10	
1330-20-7	Xylenes (total)	0.20	0.20	10	
75-27-4	Bromodichloromethane	0.26	0.26	5.0	
75-25-2	Bromoform	0.48	0.48	5.0	
74-83-9	Bromomethane	0.47	0.47	10	
56-23-5	Carbon tetrachloride	0.24	0.24	5.0	
108-90-7	Chlorobenzene	0.24	0.24	5.0	
124-48-1	Dibromochloromethane	0.71	0.71	5.0	
75-00-3	Chloroethane	0.84	0.84	10	
67-66-3	Chloroform	0.40	0.40	5.0	
74-87-3	Chloromethane	0.89	0.89	10	
95-50-1	1,2-Dichlorobenzene	0.50	0.50	5.0	
541-73-1	1,3-Dichlorobenzene	0.55	0.55	5.0	
106-46-7	1,4-Dichlorobenzene	0.56	0.56	5.0	
75-34-3	1,1-Dichloroethane	0.32	0.32	5.0	
107-06-2	1,2-Dichloroethane	0.19	0.19	5.0	
75-35-4	1,1-Dichloroethene	0.44	0.44	5.0	
156-59-2	cis-1,2-Dichloroethene	0.33	0.33	5.0	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150297	**Lab Sample ID:**	D7C230000-283B
Matrix:	WATER	**Lab WorkOrder:**	JRMKF1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082283	**Date/Time Analyzed:**	03/22/07 14:22
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
156-60-5	trans-1,2-Dichloroethene	0.71	0.71	5.0	
78-87-5	1,2-Dichloropropane	0.36	0.36	5.0	
10061-01-5	cis-1,3-Dichloropropene	0.25	0.25	5.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	110	73	122	
2037-26-5	Toluene-d8	94	80	120	
460-00-4	4-Bromofluorobenzene	86	79	119	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I15DN01

Lot/SDG Number: D7C150297 **QC Batch ID:** 7082283

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
TANK-17-7A1	JQ5NP1AA	118	87	91						0
LAB MS/MSD MS	JRGRK1AW	122	95	99						0
LAB MS/MSD MSD	JRGRK1AX	110	87	92						0
INTRA-LAB BLANK	JRMKF1AA	110	86	94						0
CHECK SAMPLE	JRMKF1AC	89	87	89						0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	73	122
SRG 2	4-Bromofluorobenzene	79	119
SRG 3	Toluene-d8	80	120

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150297	**Lab Sample ID:**	D7C230000-283C
Matrix:	WATER	**Lab WorkOrder:**	JRMKF1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082283	**Date/Time Analyzed:**	03/23/07 00:05
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	20.0	21.6	108		17 - 183
Ethylbenzene	20.0	21.2	106		37 - 162
Trichlorofluoromethane	20.0	16.5	82		17 - 181
Methylene chloride	20.0	24.4	122		10 - 221
Benzene	20.0	22.6	113		37 - 151
1,1,2,2-Tetrachloroethane	20.0	21.6	108		46 - 157
Tetrachloroethene	20.0	20.6	103		64 - 148
Toluene	20.0	23.6	118		47 - 150
1,1,1-Trichloroethane	20.0	18.8	94		52 - 162
1,1,2-Trichloroethane	20.0	22.5	113		52 - 150
Trichloroethene	20.0	22.2	111		71 - 157
Vinyl chloride	20.0	19.3	96		10 - 251
Bromodichloromethane	20.0	21.6	108		35 - 155
Bromoform	20.0	20.8	104		45 - 169
Bromomethane	20.0	17.6	88		10 - 242
Carbon tetrachloride	20.0	17.6	88		70 - 140
Chlorobenzene	20.0	22.1	111		37 - 160
Dibromochloromethane	20.0	20.9	104		53 - 149
Chloroethane	20.0	17.0	85		14 - 230
Chloroform	20.0	23.1	116		51 - 138
Chloromethane	20.0	19.7	99		10 - 273
1,2-Dichlorobenzene	20.0	20.9	104		18 - 190
1,3-Dichlorobenzene	20.0	20.4	102		59 - 156
1,4-Dichlorobenzene	20.0	20.0	100		18 - 190
1,1-Dichloroethane	20.0	25.4	127		59 - 155
1,2-Dichloroethane	20.0	22.7	114		49 - 155
1,1-Dichloroethene	20.0	20.4	102		10 - 234
trans-1,2-Dichloroethene	20.0	24.5	122		54 - 156
1,2-Dichloropropane	20.0	24.2	121		10 - 210

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C150297	**Lab Sample ID:**	D7C230000-283C
Matrix:	WATER	**Lab WorkOrder:**	JRMKF1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082283	**Date/Time Analyzed:**	03/23/07 00:05
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
cis-1,3-Dichloropropene	20.0	21.9	109		10 - 227

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	89	73	122	
2037-26-5	Toluene-d8	89	80	120	
460-00-4	4-Bromofluorobenzene	87	79	119	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150297	**MS Lab Sample ID:**	D7C210344-001S
Matrix:	WATER	**MS Lab WorkOrder:**	JRGRK1AW
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 08:43
Basis:	Wet	**Date/Time Received:**	03/21/07 14:50
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082283	**Date/Time Analyzed:**	03/22/07 22:49
MS Sample Aliquot:	5 mL	**Instrument ID:**	G
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1-Trichloroethane	20.0	0.35		16.3	82		52 - 162
1,1,2,2-Tetrachloroethane	20.0	0.26		23.2	116		46 - 157
1,1,2-Trichloroethane	20.0	0.62		24.7	123		52 - 150
1,1-Dichloroethane	20.0	0.32		23.2	116		59 - 155
1,1-Dichloroethene	20.0	0.44		16.9	84		10 - 234
1,2-Dichlorobenzene	20.0	0.50		19.5	98		18 - 190
1,2-Dichloroethane	20.0	0.19		23.2	116		49 - 155
1,2-Dichloropropane	20.0	0.36		22.5	112		10 - 210
1,3-Dichlorobenzene	20.0	0.55		18.2	91		59 - 156
1,4-Dichlorobenzene	20.0	0.56		17.8	89		18 - 190
Benzene	20.0	0.22		22.6	113		37 - 151
Bromodichloromethane	20.0	0.26		20.7	103		35 - 155
Bromoform	20.0	0.48		21.8	109		45 - 169
Bromomethane	20.0	0.47		16.1	80		10 - 242
Carbon tetrachloride	20.0	0.24		15.2	76		70 - 140
Chlorobenzene	20.0	0.24		20.4	102		37 - 160
Chloroethane	20.0	0.84		15.6	78		14 - 230
Chloroform	20.0	0.40		23.4	112		51 - 138
Chloromethane	20.0	0.89		17.3	86		10 - 273
cis-1,3-Dichloropropene	20.0	0.25		20.4	102		10 - 227
Dibromochloromethane	20.0	0.71		21.2	106		53 - 149
Ethylbenzene	20.0	0.20		20.1	101		37 - 162
Methylene chloride	20.0	0.97		20.6	98		10 - 221
Tetrachloroethene	20.0	0.30		19.6	98		64 - 148
Toluene	20.0	0.27		22.3	112		47 - 150
trans-1,2-Dichloroethene	20.0	0.71		22.4	112		54 - 156
trans-1,3-Dichloropropene	20.0	0.66		22.9	114		17 - 183
Trichloroethene	20.0	0.30		19.9	99		71 - 157
Trichlorofluoromethane	20.0	0.26		14.7	74		17 - 181
Vinyl chloride	20.0	0.49		15.7	79		10 - 251

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150297	**MS Lab Sample ID:**	D7C210344-001S
Matrix:	WATER	**MS Lab WorkOrder:**	JRGRK1AW
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 08:43
Basis:	Wet	**Date/Time Received:**	03/21/07 14:50
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082283	**Date/Time Analyzed:**	03/22/07 22:49
MS Sample Aliquot:	5 mL	**Instrument ID:**	G
MS Dilution Factor:	1		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	122	73	122	
460-00-4	4-Bromofluorobenzene	95	79	119	
2037-26-5	Toluene-d8	99	80	120	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150297	**MSD Lab Sample ID:**	D7C210344-001D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRGRK1AX
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 08:43
Basis:	Wet	**Date/Time Received:**	03/21/07 14:50
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082283	**Date/Time Analyzed:**	03/22/07 23:14
MSD Sample Aliquot:	5 mL	**Instrument ID:**	G
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1-Trichloroethane	20.0	0.35		17.6	88	7.7		52 - 162	30
1,1,2,2-Tetrachloroethane	20.0	0.26		25.8	129	11		46 - 157	30
1,1,2-Trichloroethane	20.0	0.62		26.2	131	6.0		52 - 150	30
1,1-Dichloroethane	20.0	0.32		24.2	121	4.0		59 - 155	30
1,1-Dichloroethene	20.0	0.44		17.9	89	5.7		10 - 234	30
1,2-Dichlorobenzene	20.0	0.50		21.6	108	10		18 - 190	30
1,2-Dichloroethane	20.0	0.19		26.2	131	12		49 - 155	30
1,2-Dichloropropane	20.0	0.36		23.4	117	3.8		10 - 210	30
1,3-Dichlorobenzene	20.0	0.55		20.1	100	10		59 - 156	30
1,4-Dichlorobenzene	20.0	0.56		19.7	98	10		18 - 190	30
Benzene	20.0	0.22		23.6	118	4.4		37 - 151	30
Bromodichloromethane	20.0	0.26		21.5	107	3.6		35 - 155	30
Bromoform	20.0	0.48		23.7	119	8.7		45 - 169	30
Bromomethane	20.0	0.47		15.5	77	3.9		10 - 242	30
Carbon tetrachloride	20.0	0.24		16.3	81	6.7		70 - 140	30
Chlorobenzene	20.0	0.24		21.3	107	4.5		37 - 160	30
Chloroethane	20.0	0.84		15.9	80	2.0		14 - 230	30
Chloroform	20.0	0.40		23.1	111	1.1		51 - 138	30
Chloromethane	20.0	0.89		17.1	85	0.94		10 - 273	30
cis-1,3-Dichloropropene	20.0	0.25		22.9	115	12		10 - 227	30
Dibromochloromethane	20.0	0.71		22.5	112	5.8		53 - 149	30
Ethylbenzene	20.0	0.20		19.7	98	2.2		37 - 162	30
Methylene chloride	20.0	0.97		22.9	109	10		10 - 221	30
Tetrachloroethene	20.0	0.30		18.6	93	5.2		64 - 148	30
Toluene	20.0	0.27		21.2	106	5.0		47 - 150	30

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C150297	**MSD Lab Sample ID:**	D7C210344-001D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRGRK1AX
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 08:43
Basis:	Wet	**Date/Time Received:**	03/21/07 14:50
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082283	**Date/Time Analyzed:**	03/22/07 23:14
MSD Sample Aliquot:	5 mL	**Instrument ID:**	G
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
trans-1,2-Dichloroethene	20.0	0.71		21.0	105	6.6		54 - 156	30
trans-1,3-Dichloropropene	20.0	0.66		23.1	115	0.99		17 - 183	30
Trichloroethene	20.0	0.30		20.7	103	4.1		71 - 157	30
Trichlorofluoromethane	20.0	0.26		14.5	72	1.8		17 - 181	30
Vinyl chloride	20.0	0.49		15.6	78	0.65		10 - 251	30

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	110	73	122	
460-00-4	4-Bromofluorobenzene	87	79	119	
2037-26-5	Toluene-d8	92	80	120	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	G5188.D
Lot/SDG Number:	D7C150297	**Lab Sample ID:**	D7C230000-283B
Matrix:	WATER	**Lab Work Order:**	JRMKF1AA
Analysis Method:	624	**Date/Time Extracted:**	03/22/07 11:20
Extraction Method:	I15DN01	**Date/Time Analyzed:**	03/22/07 14:22
QC Batch ID:	7082283	**Instrument ID:**	G

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
TANK-17-7A1	JQ5NP1AA	G5188.D	03/22/07	17:19
LAB MS/MSD MS	JRGRK1AW S	G5201.D	03/22/07	22:49
LAB MS/MSD MSD	JRGRK1AX D	G5202.D	03/22/07	23:14
CHECK SAMPLE	JRMKF1AC C	G5204.D	03/23/07	00:05

Chain Of Custody / Analysis Request

4955 Yarrow St.
Arvada, CO 80002
303-736-0108

AESI Ref: 39149.65959
COC#: 37380-

Privileged & Confidential

Site Name: Sky Harbor
Phase:
Lab Proj # (SDG):

Sampling Co.: CH2MHILL
EDD To: Jennifer Holland, jennifer.holland@ch2m.com
Location of Site: Phoenix, AZ
Sampling Program: Semi
Lab ID:

Client Contact: (name, co., address)
CH2M HILL
2625 South Plaza Drive, Suite 300
Tempe, AZ 85282

Sampler: Mike Wiese
PO #:
Site ID:
Lab Job #:
Authorized User:

Preservative: 1,2

Analysis Turnaround Time (TAT): 72 Hours

Consultant

Preliminary Data To: Jennifer Holland, CH2M HILL
Sample Receipt Acknowledgement To: Jennifer Holland, CH2M HILL
Hard Copy To: Jennifer Holland, CH2M HILL
Invoice To: CH2M HILL (Denver)

Full Report TAT:

Text & Excel File Drive: Excel & Text File Order

Copyright AESI: Version 8.0 Unauthorized use strictly prohibited.

	Sample Identification				Sample Date	Sample Time	Sample Type	Sample Matrix	Sample Purpose	# of Cont.	Composite/Grab	Field Filtered Sample ?	E624	Sampling Method (code)	Lab Sample Numbers
	Location ID	Start Depth (ft)	End Depth (ft)	Field Sample ID							Units				
1	TANK SAMPLE			TANK-[illegible]7A1	03/14/07	0832	GW	WASTE	WC	3	G	N			
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															

Relinquished by	Company	Received by	Company	Condition	Custody Seals Intact
	HHA	HHA	FED EX		
	Date/Time 03/	Date/Time 03/14/07 1500	Date/Time 03/14/07 1500	Cooler Temp.	
Relinquished by	Company	Received by	Company	Condition	Custody Seals Intact
	Date/Time		Date/Time 3/15/07 0930 SFL	Cooler Temp.	

Preservatives: (Other; Specify):

0 (none); 1 (4 Deg C); 2 (HCl pH<2); 3 (HNO3 pH<2); 4 (H2SO4 pH<2); 5 (NaOH pH>12); 6 (NaOH, Zn Acetate); 7 (H2SO4 (pH<2), 4 Deg C)); 8 (HCl pH<2); 9 (HCl 4 Deg C); 10 (HNO3 (pH<2), 4Deg C); 11 (4C NaOH (pH>12) & Ascorbic Acid); 12 (4C H2SO4 (pH<2) & Na2S2O3); 13 (Zn Acetate); sp (special instructions)

Sample Accompanied by Trip Blanks TB-031307B ~~and TB-031307B~~

STL Denver

Sample Receiving Checklist

Lot #: D7C190297 Date/Time Received: 3/15/07 0930

Company Name & Sampling Site: CH2M Hill / Honeywell

PM to Complete This Section: *Yes* *No* *Yes* *No*

Residual chlorine check required: ☐ ☐ Quarantined : ☐ ☐

Quote #: 69074 (6624 sep lot)

Special Instructions:

Time Zone:

• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): 1

Temperatures (°C): 4.6

N/A	Yes	No		Initials
☐	☑	☐	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	AL
	☑	☐	2. Chain of custody present? If no, document on CUR.	
	☐	☑	3. Bottles broken and/or are leaking? If yes, document on CUR.	
	☐	☑	4. Multiphasic samples obvious? If yes, document on CUR.	
	☑	☐	5. Proper container & preservatives used? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR.	
☑	☐	☐	6. pH of all samples checked and meet requirements? If no, document on CUR.	
	☑	☐	7. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.	
	☑	☐	8. Did chain of custody agree with labels ID and samples received? If no, document on CUR.	
☐	☑	☐	9. Were VOA samples without headspace? If no, document on CUR.	
☐	☑	☐	10. Were VOA vials preserved? Preservative ☑HCl ☐4±2°C ☐Sodium Thiosulfate ☐ Ascorbic Acid	
	☐	☑	11. Did samples require preservation with sodium thiosulfate?	
☑	☐	☐	12. If yes to #11, did the samples contain residual chlorine? If yes, document on CUR.	
☑	☐	☐	13. Sediment present in dissolved/filtered bottles? If yes, document on CUR.	
☑	☐	☐	14. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☐	☑	15. Receipt date(s) > 48 hours past the collection date(s)? If yes, notify PA/PM.	
	☐	☑	16. Are analyses with short holding times requested?	
	☐	☑	17. Was a quick Turn Around (TAT) requested?	

STL Denver

Sample Receiving Checklist

Lot # D7C150297

Login Checks:

Initials [illegible]

N/A	Yes	No		
	☑	☐	18.	Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.
☑	☐	☐	19.	Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.
	☑	☐	20.	Did the chain of custody includes "received by" and "relinquished" by signatures, dates, and times?
☐	☑	☐	21.	Were special log in instructions read and followed?
☑	☐	☐	22.	Were AFCEE metals logged for refrigerated storage?
	☑	☐	23.	Were tests logged checked against the COC? Which samples were confirmed? 1
☑	☐	☐	24.	Was a Rush form completed for quick TAT?
☑	☐	☐	25.	Was a Short Hold form completed for any short holds?
	☐	☑	26.	Is "Strict ICOC" required?
	☐	☑	27.	Were special archiving instructions indicated in the General Comments? If so, what were they?

_____

Labeling and Storage Checks:

Initials [illegible]

☑	☐	☐	28.	Was the subcontract COC signed and sent with samples to bottle prep?
	☑	☐	29.	Were sample labels double-checked by a second person?
☑	☐	☐	30.	Were sample bottles and COC double checked for dissolved/filtered metals by a second person?
	☑	☐	31.	Did the sample ID, Date, and Time from label match what was logged?
☑	☐	☐	32.	Were stickers for special archiving instructions affixed to each box and to the ICOC? See #27
☑	☐	☐	33.	Were AFCEE metals stored refrigerated?
☑	☐	☐	34.	Were "Strict ICOC" copies given to satellite storage areas?

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR).

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Sky Harbor

Lot #: D7C160389

Daniel Moore

CH2M Hill, Inc
727 North First Street
Suite 400
St Louis, MO 63102

STL DENVER

Karen Kuoppala
Project Manager

April 5, 2007

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	

- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative

Lot D7C160389

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted.

The test results presented in this report meet all requirements of NELAC, and any exceptions are noted. This report shall not be reproduced, except in full, without written permission from the laboratory.

This report has been revised to add p-isopropyltoluene to sample D7C160389-006 (ASE-128A-7A1) for method SW846 8260B.

Sample Receiving

Twenty-four samples were received at STL Denver on March 16, 2007. The samples were received in good condition at temperatures of 1.3°C, 1.2°C, 1.6°C, and 3.1°C.

Please note that one of two 1-liter amber bottles was received broken for sample ASE-95A-7A1.

At the request of the client, the ID of sample TB-031507B was changed to TB-031407B.

GCMS Volatiles – SW846 8260B

Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to analytes present above the linear calibration range, samples D7C160389-004, and -007 through -009 were analyzed at dilutions. The reporting limits have been adjusted relative to the dilutions required. Associated results have been flagged "D2" as per the Arizona DHS.

The LCS associated with batch 7085605 exhibited a percent recovery above the QC limits for 1,1,2-trichloroethane. This is an indicator that data may be biased high. As no detectable concentrations of this compound are present in the associated samples, corrective action is deemed unnecessary. Associated results have been flagged "L1" as per the Arizona DHS.

The LCS associated with batch 7089101 exhibited a percent recovery above the QC limits for sec-butylbenzene. This is an indicator that data may be biased high. As no detectable concentrations of this compound are present in the associated samples, corrective action is deemed unnecessary. Associated results have been flagged "L1" as per the Arizona DHS.

The MS/MSD associated with batch 7085604 was performed on sample D7C160389-006 and exhibited spike compound recoveries above the control limits for multiple compounds. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines. Associated results have been flagged "M1" or "M2" as appropriate as per the Arizona DHS

The MS/MSDs associated with batches 7085605 and 7089102 were performed on samples from other clients and/or lots and exhibited spike compound recoveries and/or RPD values outside the control limits for several compounds. The acceptable LCS

analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines. As unrelated samples were spiked, flags were not applied.

GC Semivolatiles Diesel Range Organics – SW846 8015B
The requested carbon ranges for DRO include the range from C10 to C32. The summation of C10 to C28 and C24 to C36 were used to calculate the reported results for C10 to C32.

Surrogate o-Terphenyl was recovered above the QC limits in samples D7C160389-006, -008, and -013. This is an indicator that data may be biased high. As the sample does not contain any detectable concentrations for constituents associated with this surrogate, corrective action is deemed unnecessary. Associated results have been flagged "S1" as per the Arizona DHS.

Matrix spikes were performed on sample D7C160389-006 and were in control.

HPLC PAHs – SW846 8310
Matrix spikes were performed on sample D7C160389-006 and were in control.

Quality Control Definitions of Terms

Term	Definition
Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. A LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. An LCSD is a second Laboratory Control Sample.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MSs/MSDs are carried throughout the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.
Sample Duplicate	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative of the precision for other samples in the batch.
Method Detection Limit "MDL"	The method detection limit is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from replicate analyses of low level standards in a typical representative matrix.
Reporting Limit "RL"	The STL reporting limit is normally the lowest level at which measurements become quantitatively meaningful, ie., the quantitation limit, which is approximately three times the MDL. Some projects require RLs that are less than the quantitation limit to achieve particular maximum contaminant levels (MCLs) or relevant and appropriate requirements (ARARs), but RLs cannot be less than the statistically determined MDL.

Quality Control Definitions of Qualifiers

Qualifier	Definition
*	Surrogate or Relative Percent Difference (RPD) is outside control limits.
a	Spiked analyte recovery is outside control limits.
B	Organics: Method blank contamination. The associated method blank contains the target analyte at a reportable level. Inorganics: Estimated result. Result is less than the RL
COL	More than 40% difference between the primary and confirmation detector results. The lower of the two results is reported.
DIL	The concentration is estimated or not reported due to dilution.
E	Estimated result. Result concentration exceeds the calibration range.
G	Inorganics: Elevated reporting limit. The reporting limit is elevated due to matrix interference.
J	Organics: Estimated result. Result is less than RL Inorganics: Method blank contamination. The associated method blank contains the target analyte at a reportable level.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present
N	Spiked analyte recovery is outside stated control limits.
NC	The recovery and/or RPD were not calculated.
ND	The analyte was not detected at the MDL concentration and with a measurable degree of confidence can be said not to be present at or above the RL concentration.
p	Relative percent difference (RPD) is outside stated control limits.
Q	Elevated reporting limit. The reporting limit is elevated due to high analyte levels.
V	General Chemistry: Elevated reporting limit due to limited sample volume.
Wa	Post digestion spike recovery fell between 40-85% due to matrix interference.
Wb	Post digestion spike recovery fell between 115-150% due to matrix interference.
I	Percent recovery is estimated since the results exceeded the calibration range.
T1	A tentatively identified compound that did not generate a spectral match of 80% or greater. Typically called "unknown"
T2	A tentatively identified compound with a spectral match of 80% or better
T3	A tentatively identified compound that was calibrated for by the lab, but not on the client target analyte list.
IC	Diluted due to high inorganic chloride.

Arizona Data Qualifiers
Revision 2.0

Qualifier	Definition
B1	Target analyte detected in method blank at or above the method reporting limit.
B2	Non-target analyte detected in method blank and sample, producing interference.
B3	Target analyte detected in calibration blank at or above the method reporting limit.
B4	Target analyte detected in blank at/above method acceptance criteria.
B5	Target analyte detected in method blank at or above the method reporting limit, but below trigger level or **MCL**.
B6	Target analyte detected in calibration blank at or above the method reporting limit, but below trigger level or **MCL**.
B7	Target analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10x above the concentration found in the method blank.
C1	Confirmatory analysis not performed as required by the method.
C3	Qualitative confirmation performed.
C4	Confirmatory analysis was past holding time.
C5	Confirmatory analysis was past holding time. Original result not confirmed.
C6	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the higher value was reported as there was no obvious chromatographic interference.
C7	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic interference.
D1	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analytes.
D3	Sample dilution required due to insufficient sample.
D4	Minimum reporting level (MRL) adjusted to reflect sample amount received and analyzed.
E1	Concentration estimated. Analyte exceeded calibration range. Reanalysis is not possible due to insufficient sample.
E2	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to sample matrix.
E3	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL).
E5	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL), but not confirmed by alternate analysis.
E6	Concentration estimated. Internal standard recoveries did not meet method acceptance criteria.
E7	Concentration estimated. Internal standard recoveries did not meet lab acceptance criteria.
E8	Analyte reported to MDL per project specifications. Target analyte was not detected in the sample.

Qualifier	Definition
H1	Sample analysis performed past holding time.
H2	Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
H3	Sample was received and analyzed past holding time.
H4	Sample was extracted past required extraction holding time, but analyzed within analysis holding time.
L1	The associated blank spike recovery was above lab acceptance limits.
L2	The associated blank spike recovery was below lab acceptance limits.
L3	The associated blank spike recovery was above method acceptance limits.
L4	The associated blank spike recovery was below method acceptance limits.
M1	Matrix spike recovery was high; the method control sample recovery was acceptable.
M2	Matrix spike recovery was low; the method control sample recovery was acceptable.
M3	The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to spike level. The method control sample recovery was acceptable.
M4	The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
M5	Analyte concentration was determined by the Method of Standard Addition (MSA).
M6	Matrix spike recovery was high. Data reported per ADEQ policy 0154.000.
M7	Matrix spike recovery was low. Data reported per ADEQ policy 0154.000.
Q1	Sample integrity was not maintained. See case narrative.
Q2	Sample received with head space.
Q3	Sample received with improper chemical preservation.
Q4	Sample received and analyzed without chemical preservation.
Q5	Sample received with inadequate chemical preservation, but preserved by the laboratory.
Q6	Sample was received above recommended temperature.
Q7	Sample inadequately dechlorinated.
Q8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
Q9	Insufficient sample received to meet method QC requirements.
Q10	Sample received in inappropriate sample container.
Q11	Sample is heterogeneous. Sample homogeneity could not be readily achieved using routine laboratory practices.

Qualifier	Definition
R1	RPD exceeded the method control limit. See case narrative.
R2	RPD exceeded the laboratory control limit. See case narrative.
R4	MS/MSD RPD exceeded the method control limit. Recovery met acceptance criteria.
R5	MS/MSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R6	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R8	Sample RPD exceeded the method control limit.
R9	Sample RPD exceeded the laboratory control limit.
R10	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic problems.
R11	The RPD calculation for MS/MSD does not provide useful information due to the varying sample weights when Encore samplers/methanol field preserved samples are used.
S1	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits.
S3	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits. No target analytes were detected in the sample.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.
S5	Surrogate recovery was below laboratory acceptance limits, but within method acceptance limits.
S6	Surrogate recovery was below laboratory and method acceptance limits. Re-extraction and/or reanalysis confirm low recovery caused by matrix effect.
S7	Surrogate recovery was below laboratory and method acceptance limits. Unable to confirm matrix effect.
S8	The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The method control sample recovery was acceptable.
S10	Surrogate recovery was above laboratory and method acceptance limits. See case narrative.
S11	Surrogate recovery was high. Data reported per ADEQ policy 0154.000.
S12	Surrogate recovery was low. Data reported per ADEQ policy 0154.000.
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.
V2	CCV recovery was above method acceptance limits. This target analyte was detected in the sample. The sample could not be reanalyzed due to insufficient sample.
V3	CCV recovery was above method acceptance limits. This target analyte was detected in the sample, but the sample was not reanalyzed. See case narrative.
V4	CCV recovery was below method acceptance limits. The sample could not be reanalyzed due to insufficient sample.

Qualifier	Definition
V5	CCV recovery after a group of samples was above acceptance limits. This target analyte was not detected in the sample. Acceptance per EPA Method 8000B.
V6	Data reported from one-point calibration criteria per ADEQ policy 0155.000.
V7	Calibration verification recovery was above the method control limits for this analyte; however the average % difference or % drift for all the analytes met method criteria.
V8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
W1	The % RSD for this compound was above 20%. The average % RSD for all compounds in the calibration met the 20% criteria as specified in EPA Method 8000B.
W2	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA Method 8260B/8270C

EXECUTIVE SUMMARY - Detection Highlights

D7C160389

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-35A-7A1 03/15/07 04:30 002				
1,2,4-Trimethylbenzene	10	2.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	3.3	2.0	ug/L	SW846 8260B
ASE-95A-7A1 03/15/07 00:34 004				
Diesel Range Organics (C10-C28)	0.036 J	0.25	mg/L	SW846 8015B
TPH C10-C32	0.037 J	0.25	mg/L	SW846 8015B
Methyl tert-butyl ether	82	33	ug/L	SW846 8260B
ASE-124A-7A1 03/15/07 01:13 005				
1,1-Dichloroethane	2.9	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	17	5.0	ug/L	SW846 8260B
ASE-128A-7A1 03/15/07 03:48 006				
TPH C10-C32	0.051 J	0.25	mg/L	SW846 8015B
ASE-96A-7A1 03/15/07 01:54 007				
Diesel Range Organics (C10-C28)	0.10 J	0.25	mg/L	SW846 8015B
TPH C10-C32	0.10 J	0.25	mg/L	SW846 8015B
Methyl tert-butyl ether	160	50	ug/L	SW846 8260B
ASE-106A-7A1 03/15/07 05:49 008				
Methyl tert-butyl ether	210	50	ug/L	SW846 8260B
PL-509-7A1 03/15/07 05:59 009				
Methyl tert-butyl ether	190	33	ug/L	SW846 8260B
ASE-122A-7A1 03/15/07 06:29 010				
Tetrachloroethene	1.2	1.0	ug/L	SW846 8260B
ASE-114A-7A1 03/15/07 02:37 011				
Tetrachloroethene	1.2	1.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7C160389

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-20B-7A1 03/14/07 06:39 016				
Trichloroethene	2.6	1.0	ug/L	SW846 8260B
ASE-20C-7A1 03/14/07 07:41 017				
Trichloroethene	10	1.0	ug/L	SW846 8260B
ASE-44B-7A1 03/14/07 10:23 018				
1,1-Dichloroethane	4.7	2.0	ug/L	SW846 8260B
Trichloroethene	2.6	1.0	ug/L	SW846 8260B
ASE-66A-7A1 03/14/07 10:57 019				
1,1-Dichloroethane	12	2.0	ug/L	SW846 8260B
Trichloroethene	2.1	1.0	ug/L	SW846 8260B
Vinyl chloride	3.6	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	5.1	5.0	ug/L	SW846 8260B
ASE-48B-7A1 03/14/07 11:38 020				
1,1-Dichloroethane	11	2.0	ug/L	SW846 8260B
Trichloroethene	4.7	1.0	ug/L	SW846 8260B
ASE-19B-7A1 03/14/07 15:04 021				
1,1-Dichloroethane	6.7	2.0	ug/L	SW846 8260B
Trichloroethene	20	1.0	ug/L	SW846 8260B
ASE-19C-7A1 03/14/07 14:20 022				
Trichloroethene	3.4	1.0	ug/L	SW846 8260B
ASE-49B-7A1 03/14/07 15:36 023				
1,1-Dichloroethane	3.1	2.0	ug/L	SW846 8260B
Trichloroethene	30	1.0	ug/L	SW846 8260B
PL-508-7A1 03/14/07 15:46 024				
1,1-Dichloroethane	3.2	2.0	ug/L	SW846 8260B
Trichloroethene	30	1.0	ug/L	SW846 8260B

METHODS SUMMARY

D7C160389

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3510
Polynuclear Aromatic Hydrocarbons by HPLC	SW846 8310	SW846 3510
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7C160389

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 8015B	Heather Dybas	038161
SW846 8260B	Josh Yanez	001198
SW846 8310	Heather Dybas	038161

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7C160389

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JQ834	001	TB-031407B	03/14/07	22:30
JQ836	002	ASE-35A-7A1	03/15/07	04:30
JQ84C	003	ASE-125A-7A1	03/14/07	23:23
JQ84F	004	ASE-95A-7A1	03/15/07	00:34
JQ84H	005	ASE-124A-7A1	03/15/07	01:13
JQ84K	006	ASE-128A-7A1	03/15/07	03:48
JQ84M	007	ASE-96A-7A1	03/15/07	01:54
JQ84N	008	ASE-106A-7A1	03/15/07	05:49
JQ84P	009	PL-509-7A1	03/15/07	05:59
JQ84R	010	ASE-122A-7A1	03/15/07	06:29
JQ84V	011	ASE-114A-7A1	03/15/07	02:37
JQ84W	012	ASE-123A-7A1	03/15/07	07:48
JQ842	013	ASE-109A-7A1	03/15/07	08:34
JQ843	014	ASE-36A-7A1	03/15/07	05:01
JQ846	015	TB-031407A	03/14/07	06:00
JQ848	016	ASE-20B-7A1	03/14/07	06:39
JQ85A	017	ASE-20C-7A1	03/14/07	07:41
JQ85E	018	ASE-44B-7A1	03/14/07	10:23
JQ85G	019	ASE-66A-7A1	03/14/07	10:57
JQ85H	020	ASE-48B-7A1	03/14/07	11:38
JQ85M	021	ASE-19B-7A1	03/14/07	15:04
JQ85P	022	ASE-19C-7A1	03/14/07	14:20
JQ85Q	023	ASE-49B-7A1	03/14/07	15:36
JQ85T	024	PL-508-7A1	03/14/07	15:46

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

D7C160389

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		7085605	7089133
002	WATER	SW846 8260B		7085605	7089133
003	WATER	SW846 8015B		7079210	7079130
	WATER	SW846 8260B		7089101	7089170
	WATER	SW846 8310		7078396	7078250
004	WATER	SW846 8015B		7079210	7079130
	WATER	SW846 8260B		7089101	7089170
005	WATER	SW846 8015B		7079210	7079130
	WATER	SW846 8260B		7089101	7089170
	WATER	SW846 8310		7078396	7078250
006	WATER	SW846 8015B		7079210	7079130
	WATER	SW846 8260B		7089101	7089170
	WATER	SW846 8310		7078396	7078250
007	WATER	SW846 8015B		7079210	7079130
	WATER	SW846 8260B		7089101	7089170
008	WATER	SW846 8015B		7079210	7079130
	WATER	SW846 8260B		7089101	7089170
009	WATER	SW846 8015B		7079210	7079130
	WATER	SW846 8260B		7089102	7089187
010	WATER	SW846 8015B		7079210	7079130
	WATER	SW846 8260B		7089101	7089170
	WATER	SW846 8310		7078396	7078250
011	WATER	SW846 8015B		7079210	7079130
	WATER	SW846 8260B		7089101	7089170
012	WATER	SW846 8015B		7079210	7079130
	WATER	SW846 8260B		7089101	7089170
	WATER	SW846 8310		7078396	7078250
013	WATER	SW846 8015B		7079210	7079130
	WATER	SW846 8260B		7089101	7089170

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D7C160389

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
014	WATER	SW846 8260B		7089101	7089170
015	WATER	SW846 8260B		7089101	7089170
016	WATER	SW846 8260B		7089101	7089170
017	WATER	SW846 8260B		7089101	7089170
018	WATER	SW846 8260B		7089101	7089170
019	WATER	SW846 8015B		7079210	7079130
	WATER	SW846 8260B		7089101	7089170
020	WATER	SW846 8260B		7089101	7089170
021	WATER	SW846 8260B		7089101	7089170
022	WATER	SW846 8260B		7089101	7089170
023	WATER	SW846 8260B		7089102	7089187
024	WATER	SW846 8260B		7089102	7089187

STL

Volatile GC/MS

Lot ID: D7C160389

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 001, 002

Batch: 7085605

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031407B
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-001
Matrix:	WATER	**Lab WorkOrder:**	JQ8341AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 22:30
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 13:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031407B
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-001
Matrix:	WATER	**Lab WorkOrder:**	JQ8341AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 22:30
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 13:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031407B
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-001
Matrix:	WATER	**Lab WorkOrder:**	JQ8341AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 22:30
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 13:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
1868-53-7	Dibromofluoromethane	94	77	119		
460-00-4	4-Bromofluorobenzene	100	78	118		
17060-07-0	1,2-Dichloroethane-d4	78	70	127		
2037-26-5	Toluene-d8	116	83	125		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-35A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-002
Matrix:	WATER	**Lab WorkOrder:**	JQ8361AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 04:30
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 13:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	L1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	**10**	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	**3.3**	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-35A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-002
Matrix:	WATER	**Lab WorkOrder:**	JQ8361AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 04:30
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 13:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-35A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-002
Matrix:	WATER	**Lab WorkOrder:**	JQ8361AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 04:30
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 13:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	80	70	127		
2037-26-5	Toluene-d8	114	83	125		
1868-53-7	Dibromofluoromethane	99	77	119		
460-00-4	4-Bromofluorobenzene	110	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C260000-605B
Matrix:	WATER	**Lab WorkOrder:**	JR3KP1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 08:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	L1
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

Form 1 Prep Blank Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C260000-605B
Matrix:	WATER	**Lab WorkOrder:**	JR3KP1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 08:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C260000-605B
Matrix:	WATER	**Lab WorkOrder:**	JR3KP1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 08:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	73	70	127	
2037-26-5	Toluene-d8	106	83	125	
1868-53-7	Dibromofluoromethane	93	77	119	
460-00-4	4-Bromofluorobenzene	94	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK9H

Lot/SDG Number: D7C160389 **QC Batch ID:** 7085605

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
LAB MS/MSD MS	JQ5TA1AC	73	96	94	107					0
LAB MS/MSD MSD	JQ5TA1AD	78	97	103	111					0
TB-031407B	JQ8341AA	78	100	94	116					0
ASE-35A-7A1	JQ8361AA	80	110	99	114					0
INTRA-LAB BLANK	JR3KP1AA	73	94	93	106					0
CHECK SAMPLE	JR3KP1AC	79	108	99	117					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C260000-605C
Matrix:	WATER	**Lab WorkOrder:**	JR3KP1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 07:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	10.0	9.69	97		72 - 117
Acetone	20.0	14.9	75		48 - 130
Ethylbenzene	10.0	10.7	107		78 - 118
Trichlorofluoromethane	10.0	9.02	90		63 - 135
Hexachlorobutadiene	10.0	9.06	91		73 - 123
2-Hexanone	20.0	19.8	99		57 - 121
Isopropylbenzene	10.0	9.47	95		71 - 111
p-Isopropyltoluene	10.0	8.93	89		76 - 113
Methylene chloride	10.0	10.2	102		71 - 119
4-Methyl-2-pentanone	20.0	18.9	95		65 - 118
Naphthalene	10.0	11.1	111		62 - 121
Benzene	10.0	10.2	102		77 - 118
2-Pentanone	20.0	21.3	107		42 - 115
n-Propylbenzene	10.0	9.66	97		76 - 116
Styrene	10.0	8.64	86		77 - 117
1,1,1,2-Tetrachloroethane	10.0	10.2	102		77 - 117
1,1,2,2-Tetrachloroethane	10.0	11.4	114		73 - 119
Tetrachloroethene	10.0	11.2	112		77 - 117
Toluene	10.0	11.2	112		73 - 120
1,2,3-Trichlorobenzene	10.0	10.4	104		66 - 123
1,2,4-Trichlorobenzene	10.0	10.6	106		73 - 121
1,1,1-Trichloroethane	10.0	8.14	81		78 - 118
1,1,2-Trichloroethane	10.0	11.8	118	L1	76 - 116
Trichloroethene	10.0	10.4	104		78 - 122
1,2,3-Trichloropropane	10.0	8.52	85		72 - 120
1,2,4-Trimethylbenzene	10.0	9.17	92		77 - 117
1,3,5-Trimethylbenzene	10.0	9.26	93		77 - 117
Vinyl acetate	10.0	9.14	91		63 - 124
Vinyl chloride	10.0	9.94	99		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C260000-605C
Matrix:	WATER	**Lab WorkOrder:**	JR3KP1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 07:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	10.0	10.8	108		77 - 117
Xylenes (total)	30.0	32.7	109		77 - 117
Methyl tert-butyl ether	20.0	13.7	68		58 - 116
m-Xylene & p-Xylene	20.0	21.9	109		78 - 118
Bromobenzene	10.0	10.4	104		75 - 115
Bromochloromethane	10.0	10.5	105		78 - 118
Bromodichloromethane	10.0	9.36	94		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.68	97		65 - 117
1,2-Dibromoethane (EDB)	10.0	11.2	112		77 - 117
2-Butanone (MEK)	20.0	16.5	82		57 - 120
Bromoform	10.0	11.8	118		74 - 121
Bromomethane	10.0	8.65	87		42 - 154
n-Butylbenzene	10.0	9.36	94		76 - 117
sec-Butylbenzene	10.0	10.4	104		80 - 120
tert-Butylbenzene	10.0	9.49	95		76 - 116
Carbon disulfide	10.0	9.34	93		56 - 104
Carbon tetrachloride	10.0	8.25	83		80 - 120
Chlorobenzene	10.0	10.4	104		78 - 118
Chlorodibromomethane	10.0	10.8	108		76 - 116
Chloroethane	10.0	8.28	83		51 - 133
Chloroform	10.0	8.62	86		78 - 118
Chloromethane	10.0	9.77	98		46 - 142
2-Chlorotoluene	10.0	9.88	99		76 - 116
4-Chlorotoluene	10.0	10.4	104		78 - 118
Dibromomethane	10.0	9.88	99		77 - 117
1,2-Dichlorobenzene	10.0	10.1	101		76 - 116
1,3-Dichlorobenzene	10.0	9.93	99		75 - 115
1,4-Dichlorobenzene	10.0	10.3	103		77 - 117
Dichlorodifluoromethane	10.0	9.08	91		56 - 140

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C260000-605C
Matrix:	WATER	**Lab WorkOrder:**	JR3KP1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 07:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethane	10.0	9.17	92		77 - 117
1,2-Dichloroethane	10.0	7.83	78		74 - 120
1,1-Dichloroethene	10.0	11.3	113		68 - 133
cis-1,2-Dichloroethene	10.0	10.3	103		75 - 115
trans-1,2-Dichloroethene	10.0	10.9	109		80 - 120
1,2-Dichloroethene (total)	20.0	21.2	106		78 - 118
1,2-Dichloropropane	10.0	10.1	101		76 - 116
1,3-Dichloropropane	10.0	11.5	115		75 - 115
2,2-Dichloropropane	10.0	8.08	81		72 - 128
1,1-Dichloropropene	10.0	9.28	93		75 - 115
cis-1,3-Dichloropropene	10.0	11.6	116		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	79	70	127	
2037-26-5	Toluene-d8	117	83	125	
1868-53-7	Dibromofluoromethane	99	77	119	
460-00-4	4-Bromofluorobenzene	108	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C160389	**MS Lab Sample ID:**	D7C150293-032S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ5TA1AC
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 09:52
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	5.00	0.17		4.69	94		77 - 117
1,1,1-Trichloroethane	5.00	0.16		3.99	80		78 - 118
1,1,2,2-Tetrachloroethane	5.00	0.20		5.20	104		73 - 119
1,1,2-Trichloroethane	5.00	0.32		5.89	118	L1 M1	76 - 116
1,1-Dichloroethane	5.00	0.16		4.59	92		77 - 117
1,1-Dichloroethene	5.00	0.14		5.69	114		68 - 133
1,1-Dichloropropene	5.00	0.15		4.50	90		75 - 115
1,2,3-Trichlorobenzene	5.00	0.18		5.29	106		66 - 123
1,2,3-Trichloropropane	5.00	0.27		3.56	71	M2	72 - 120
1,2,4-Trichlorobenzene	5.00	0.32		5.24	105		73 - 121
1,2,4-Trimethylbenzene	5.00	0.14		4.76	95		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	5.00	1.5		5.98	120	M2	65 - 117
1,2-Dibromoethane (EDB)	5.00	0.18		5.19	104		77 - 117
1,2-Dichlorobenzene	5.00	0.13		5.33	107		76 - 116
1,2-Dichloroethane	5.00	0.13		3.59	72	M2	74 - 120
1,2-Dichloroethene (total)	10.0	0.15		10.3	100		78 - 118
1,2-Dichloropropane	5.00	0.13		4.81	96		76 - 116
1,3,5-Trimethylbenzene	5.00	0.14		4.81	96		77 - 117
1,3-Dichlorobenzene	5.00	0.16		5.18	104		75 - 115
1,3-Dichloropropane	5.00	0.15		4.76	95		75 - 115
1,4-Dichlorobenzene	5.00	0.16		5.38	104		77 - 117
2,2-Dichloropropane	5.00	0.20		3.98	80		72 - 128
2-Butanone (MEK)	10.0	1.8		7.65	77		57 - 120
2-Chlorotoluene	5.00	0.17		4.99	100		76 - 116
2-Hexanone	10.0	1.4		6.81	68		57 - 121
2-Pentanone	10.0	0.82		7.96	80		42 - 115
4-Chlorotoluene	5.00	0.17		5.15	103		78 - 118
4-Methyl-2-pentanone	10.0	0.49		7.44	74		65 - 118
Acetone	10.0	1.9		4.93	49		48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C160389	**MS Lab Sample ID:**	D7C150293-032S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ5TA1AC
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 09:52
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	5.00	0.16		4.89	98		77 - 118
Bromobenzene	5.00	0.17		5.25	105		75 - 115
Bromochloromethane	5.00	0.10		5.13	103		78 - 118
Bromodichloromethane	5.00	0.17		4.35	87		78 - 118
Bromoform	5.00	0.19		5.36	107		74 - 121
Bromomethane	5.00	0.21		4.44	89		42 - 154
Carbon disulfide	5.00	0.45		4.74	95		56 - 104
Carbon tetrachloride	5.00	0.19		4.08	77	M2	80 - 120
Chlorobenzene	5.00	0.17		5.33	103		78 - 118
Chlorodibromomethane	5.00	0.17		4.86	97		76 - 116
Chloroethane	5.00	0.41		3.86	77		51 - 133
Chloroform	5.00	0.16		4.65	86		78 - 118
Chloromethane	5.00	0.30		4.49	90		46 - 142
cis-1,2-Dichloroethene	5.00	0.15		5.06	93		75 - 115
cis-1,3-Dichloropropene	5.00	0.16		5.17	103		76 - 116
Dibromomethane	5.00	0.17		4.51	90		77 - 117
Dichlorodifluoromethane	5.00	0.31		4.59	92		56 - 140
Ethylbenzene	5.00	0.16		5.22	104		78 - 118
Hexachlorobutadiene	5.00	0.12		4.73	95		73 - 123
Isopropylbenzene	5.00	0.19		4.31	86		71 - 111
m-Xylene & p-Xylene	10.0	0.34		10.4	104		78 - 118
Methyl tert-butyl ether	10.0	0.25		5.49	55	M2	58 - 116
Methylene chloride	5.00	0.32		5.11	102		71 - 119
n-Butylbenzene	5.00	0.14		4.44	89		76 - 117
n-Propylbenzene	5.00	0.16		5.11	102		76 - 116
Naphthalene	5.00	0.22		4.88	98		62 - 121
o-Xylene	5.00	0.19		5.16	103		77 - 117
p-Isopropyltoluene	5.00	0.17		4.62	92		76 - 113
sec-Butylbenzene	5.00	0.17		5.45	109		80 - 120

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C160389	**MS Lab Sample ID:**	D7C150293-032S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ5TA1AC
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 09:52
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Styrene	5.00	0.17		4.78	96		77 - 117
tert-Butylbenzene	5.00	0.16		4.83	97		76 - 116
Tetrachloroethene	5.00	0.20		5.45	105		77 - 117
Toluene	5.00	0.17		5.09	102		73 - 120
trans-1,2-Dichloroethene	5.00	0.15		5.29	106		80 - 120
trans-1,3-Dichloropropene	5.00	0.19		4.63	93		72 - 117
Trichloroethene	5.00	3.7		8.30	93		78 - 122
Trichlorofluoromethane	5.00	0.29		4.20	84		63 - 135
Vinyl acetate	5.00	0.94		4.35	87		63 - 124
Vinyl chloride	5.00	0.17		4.37	87		49 - 136
Xylenes (total)	15.0	0.19		15.5	103		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	73	70	127	
460-00-4	4-Bromofluorobenzene	96	78	118	
1868-53-7	Dibromofluoromethane	94	77	119	
2037-26-5	Toluene-d8	107	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C160389	**MSD Lab Sample ID:**	D7C150293-032D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ5TA1AD
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 10:11
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	5.00	0.17		4.52	90	3.8		77 - 117	20
1,1,1-Trichloroethane	5.00	0.16		4.10	82	2.6		78 - 118	20
1,1,2,2-Tetrachloroethane	5.00	0.20		5.37	107	3.2		73 - 119	20
1,1,2-Trichloroethane	5.00	0.32		5.87	117	0.38	L1 M1	76 - 116	21
1,1-Dichloroethane	5.00	0.16		4.39	88	4.4		77 - 117	21
1,1-Dichloroethene	5.00	0.14		5.67	113	0.30		68 - 133	20
1,1-Dichloropropene	5.00	0.15		4.63	93	2.9		75 - 115	21
1,2,3-Trichlorobenzene	5.00	0.18		5.97	119	12		66 - 123	29
1,2,3-Trichloropropane	5.00	0.27		4.38	88	21		72 - 120	23
1,2,4-Trichlorobenzene	5.00	0.32		6.27	125	18	M1	73 - 121	25
1,2,4-Trimethylbenzene	5.00	0.14		4.73	95	0.50		77 - 117	20
1,2-Dibromo-3-chloroprop	5.00	1.5		4.74	95	23	R2	65 - 117	22
1,2-Dibromoethane (EDB)	5.00	0.18		5.19	104	0.070		77 - 117	20
1,2-Dichlorobenzene	5.00	0.13		5.50	110	3.1		76 - 116	20
1,2-Dichloroethane	5.00	0.13		3.90	78	8.3		74 - 120	20
1,2-Dichloroethene (total)	10.0	0.15		11.2	108	7.7		78 - 118	20
1,2-Dichloropropane	5.00	0.13		4.98	100	3.5		76 - 116	20
1,3,5-Trimethylbenzene	5.00	0.14		4.76	95	1.2		77 - 117	20
1,3-Dichlorobenzene	5.00	0.16		5.06	101	2.3		75 - 115	20
1,3-Dichloropropane	5.00	0.15		4.70	94	1.1		75 - 115	20
1,4-Dichlorobenzene	5.00	0.16		5.24	101	2.7		77 - 117	23
2,2-Dichloropropane	5.00	0.20		4.22	84	5.7		72 - 128	24
2-Butanone (MEK)	10.0	1.8		7.94	79	3.7		57 - 120	32
2-Chlorotoluene	5.00	0.17		4.91	98	1.6		76 - 116	20
2-Hexanone	10.0	1.4		7.40	74	8.2		57 - 121	25

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C160389	**MSD Lab Sample ID:**	D7C150293-032D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ5TA1AD
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 10:11
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Pentanone	10.0	0.82		10.1	101	23		42 - 115	26
4-Chlorotoluene	5.00	0.17		5.19	104	0.79		78 - 118	20
4-Methyl-2-pentanone	10.0	0.49		8.42	84	12		65 - 118	22
Acetone	10.0	1.9		5.75	58	15		48 - 130	41
Benzene	5.00	0.16		5.08	102	3.8		77 - 118	20
Bromobenzene	5.00	0.17		5.14	103	2.3		75 - 115	20
Bromochloromethane	5.00	0.10		5.11	102	0.31		78 - 118	20
Bromodichloromethane	5.00	0.17		4.26	85	2.1		78 - 118	20
Bromoform	5.00	0.19		5.31	106	0.94		74 - 121	21
Bromomethane	5.00	0.21		4.56	91	2.7		42 - 154	24
Carbon disulfide	5.00	0.45		4.79	96	1.1		56 - 104	20
Carbon tetrachloride	5.00	0.19		4.17	79	2.2	M2	80 - 120	21
Chlorobenzene	5.00	0.17		5.33	103	0.0		78 - 118	20
Chlorodibromomethane	5.00	0.17		4.60	92	5.4		76 - 116	20
Chloroethane	5.00	0.41		4.43	89	14		51 - 133	25
Chloroform	5.00	0.16		4.50	83	3.1		78 - 118	20
Chloromethane	5.00	0.30		4.68	94	4.2		46 - 142	24
cis-1,2-Dichloroethene	5.00	0.15		5.60	104	10		75 - 115	20
cis-1,3-Dichloropropene	5.00	0.16		5.10	102	1.4		76 - 116	20
Dibromomethane	5.00	0.17		4.58	92	1.4		77 - 117	20
Dichlorodifluoromethane	5.00	0.31		5.15	103	11		56 - 140	24
Ethylbenzene	5.00	0.16		4.85	97	7.4		78 - 118	26
Hexachlorobutadiene	5.00	0.12		5.02	100	6.0		73 - 123	25
Isopropylbenzene	5.00	0.19		4.66	93	7.9		71 - 111	20
m-Xylene & p-Xylene	10.0	0.34		10.6	106	2.2		78 - 118	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C160389	**MSD Lab Sample ID:**	D7C150293-032D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ5TA1AD
% Moisture:	N/A	**Date/Time Collected:**	03/13/07 08:16
Basis:	Wet	**Date/Time Received:**	03/15/07 09:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 06:43
QC Batch ID:	7085605	**Date/Time Analyzed:**	03/26/07 10:11
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Methyl tert-butyl ether	10.0	0.25		7.15	71	26	R2	58 - 116	21
Methylene chloride	5.00	0.32		4.90	98	4.3		71 - 119	20
n-Butylbenzene	5.00	0.14		4.82	96	8.3		76 - 117	21
n-Propylbenzene	5.00	0.16		5.24	105	2.5		76 - 116	20
Naphthalene	5.00	0.22		6.26	125	25	M2	62 - 121	32
o-Xylene	5.00	0.19		5.20	104	0.78		77 - 117	20
p-Isopropyltoluene	5.00	0.17		4.77	95	3.3		76 - 113	20
sec-Butylbenzene	5.00	0.17		5.52	110	1.4		80 - 120	21
Styrene	5.00	0.17		4.79	96	0.18		77 - 117	20
tert-Butylbenzene	5.00	0.16		4.97	99	3.0		76 - 116	21
Tetrachloroethene	5.00	0.20		5.41	104	0.69		77 - 117	20
Toluene	5.00	0.17		5.06	101	0.54		73 - 120	20
trans-1,2-Dichloroethene	5.00	0.15		5.58	112	5.3		80 - 120	24
trans-1,3-Dichloropropene	5.00	0.19		4.94	99	6.6		72 - 117	20
Trichloroethene	5.00	3.7		8.55	98	3.0		78 - 122	20
Trichlorofluoromethane	5.00	0.29		2.06	41	68	M2 R2	63 - 135	20
Vinyl acetate	5.00	0.94		4.74	95	8.6		63 - 124	24
Vinyl chloride	5.00	0.17		4.73	95	7.8		49 - 136	24
Xylenes (total)	15.0	0.19		15.8	105	1.8		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127	
460-00-4	4-Bromofluorobenzene	97	78	118	
1868-53-7	Dibromofluoromethane	103	77	119	
2037-26-5	Toluene-d8	111	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	RR7568.D
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C260000-605B
Matrix:	WATER	**Lab Work Order:**	JR3KP1AA
Analysis Method:	8260B	**Date/Time Extracted:**	03/26/07 06:43
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	03/26/07 08:21
QC Batch ID:	7085605	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
LAB MS/MSD MS	JQ5TA1AC S	RR7568.D	03/26/07	09:52
LAB MS/MSD MSD	JQ5TA1AD D	RR7569.D	03/26/07	10:11
TB-031407B	JQ8341AA	RR7578.D	03/26/07	13:02
ASE-35A-7A1	JQ8361AA	RR7579.D	03/26/07	13:21
CHECK SAMPLE	JR3KP1AC C	RR7562.D	03/26/07	07:43

STL

Volatile GC/MS

Lot ID: D7C160389

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 003 - 008, 010 - 022

Batch: 7089101

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-125A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-003
Matrix:	WATER	**Lab WorkOrder:**	JQ84C1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 23:23
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 19:42
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-125A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-003
Matrix:	WATER	**Lab WorkOrder:**	JQ84C1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 23:23
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 19:42
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	L1	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-125A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-003
Matrix:	WATER	**Lab WorkOrder:**	JQ84C1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 23:23
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 19:42
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	77	70	127		
2037-26-5	Toluene-d8	113	83	125		
1868-53-7	Dibromofluoromethane	96	77	119		
460-00-4	4-Bromofluorobenzene	95	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-95A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-004
Matrix:	WATER	**Lab WorkOrder:**	JQ84F1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 00:34
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 20:01
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	33	D2	
71-55-6	1,1,1-Trichloroethane	ND	13	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.7	D2	
79-00-5	1,1,2-Trichloroethane	ND	6.7	D2	
75-34-3	1,1-Dichloroethane	ND	13	D2	
75-35-4	1,1-Dichloroethene	ND	13	D2	
563-58-6	1,1-Dichloropropene	ND	13	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	33	D2	
96-18-4	1,2,3-Trichloropropane	ND	67	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	33	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	13	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	33	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	13	D2	
95-50-1	1,2-Dichlorobenzene	ND	6.7	D2	
107-06-2	1,2-Dichloroethane	ND	6.7	D2	
78-87-5	1,2-Dichloropropane	ND	13	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	13	D2	
541-73-1	1,3-Dichlorobenzene	ND	6.7	D2	
142-28-9	1,3-Dichloropropane	ND	13	D2	
106-46-7	1,4-Dichlorobenzene	ND	6.7	D2	
594-20-7	2,2-Dichloropropane	ND	13	D2	
78-93-3	2-Butanone (MEK)	ND	67	D2	
95-49-8	2-Chlorotoluene	ND	33	D2	
591-78-6	2-Hexanone	ND	67	D2	
106-43-4	4-Chlorotoluene	ND	33	D2	
108-10-1	4-Methyl-2-pentanone	ND	67	D2	
67-64-1	Acetone	ND	130	D2	
71-43-2	Benzene	ND	6.7	D2	
108-86-1	Bromobenzene	ND	33	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-95A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-004
Matrix:	WATER	**Lab WorkOrder:**	JQ84F1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 00:34
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 20:01
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	33	D2	
75-27-4	Bromodichloromethane	ND	6.7	D2	
75-25-2	Bromoform	ND	33	D2	
74-83-9	Bromomethane	ND	33	D2	
75-15-0	Carbon disulfide	ND	33	D2	
56-23-5	Carbon tetrachloride	ND	13	D2	
108-90-7	Chlorobenzene	ND	6.7	D2	
124-48-1	Chlorodibromomethane	ND	13	D2	
75-00-3	Chloroethane	ND	33	D2	
67-66-3	Chloroform	ND	13	D2	
74-87-3	Chloromethane	ND	33	D2	
156-59-2	cis-1,2-Dichloroethene	ND	13	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	13	D2	
74-95-3	Dibromomethane	ND	13	D2	
75-71-8	Dichlorodifluoromethane	ND	33	D2	
100-41-4	Ethylbenzene	ND	13	D2	
87-68-3	Hexachlorobutadiene	ND	33	D2	
74-88-4	Iodomethane	ND	67	D2	
98-82-8	Isopropylbenzene	ND	13	D2	
1634-04-4	Methyl tert-butyl ether	**82**	33	D2	
75-09-2	Methylene chloride	ND	33	D2	
91-20-3	Naphthalene	ND	13	D2	
104-51-8	n-Butylbenzene	ND	33	D2	
103-65-1	n-Propylbenzene	ND	13	D2	
99-87-6	p-Isopropyltoluene	ND	13	D2	
135-98-8	sec-Butylbenzene	ND	33	L1 D2	
100-42-5	Styrene	ND	13	D2	
98-06-6	tert-Butylbenzene	ND	33	D2	
127-18-4	Tetrachloroethene	ND	6.7	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-95A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-004
Matrix:	WATER	**Lab WorkOrder:**	JQ84F1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 00:34
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 20:01
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	13	D2	
156-60-5	trans-1,2-Dichloroethene	ND	13	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	13	D2	
79-01-6	Trichloroethene	ND	6.7	D2	
75-69-4	Trichlorofluoromethane	ND	33	D2	
108-05-4	Vinyl acetate	ND	170	D2	
75-01-4	Vinyl chloride	ND	6.7	2D	
1330-20-7	Xylenes (total)	ND	67	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	75	70	127	D2	
2037-26-5	Toluene-d8	102	83	125	D2	
1868-53-7	Dibromofluoromethane	96	77	119	D2	
460-00-4	4-Bromofluorobenzene	98	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-124A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-005
Matrix:	WATER	**Lab WorkOrder:**	JQ84H1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 01:13
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 21:36
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**2.9**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-124A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-005
Matrix:	WATER	**Lab WorkOrder:**	JQ84H1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 01:13
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 21:36
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	**17**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	L1	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-124A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-005
Matrix:	WATER	**Lab WorkOrder:**	JQ84H1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 01:13
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 21:36
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127		
2037-26-5	Toluene-d8	114	83	125		
1868-53-7	Dibromofluoromethane	97	77	119		
460-00-4	4-Bromofluorobenzene	99	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-006
Matrix:	WATER	**Lab WorkOrder:**	JQ84K1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 19:23
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	M1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	M1	
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0	M2	
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-006
Matrix:	WATER	**Lab WorkOrder:**	JQ84K1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 19:23
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0	M1	
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0	M2	
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0	M1	
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	L1	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0	M1	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-006
Matrix:	WATER	**Lab WorkOrder:**	JQ84K1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 19:23
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	70	70	127		
2037-26-5	Toluene-d8	122	83	125		
1868-53-7	Dibromofluoromethane	92	77	119		
460-00-4	4-Bromofluorobenzene	94	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-96A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-007
Matrix:	WATER	**Lab WorkOrder:**	JQ84M1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 01:54
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 21:55
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	D2	
71-55-6	1,1,1-Trichloroethane	ND	20	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	D2	
79-00-5	1,1,2-Trichloroethane	ND	10	D2	
75-34-3	1,1-Dichloroethane	ND	20	D2	
75-35-4	1,1-Dichloroethene	ND	20	D2	
563-58-6	1,1-Dichloropropene	ND	20	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	50	D2	
96-18-4	1,2,3-Trichloropropane	ND	100	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	50	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	20	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	50	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	20	D2	
95-50-1	1,2-Dichlorobenzene	ND	10	D2	
107-06-2	1,2-Dichloroethane	ND	10	D2	
78-87-5	1,2-Dichloropropane	ND	20	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	20	D2	
541-73-1	1,3-Dichlorobenzene	ND	10	D2	
142-28-9	1,3-Dichloropropane	ND	20	D2	
106-46-7	1,4-Dichlorobenzene	ND	10	D2	
594-20-7	2,2-Dichloropropane	ND	20	D2	
78-93-3	2-Butanone (MEK)	ND	100	D2	
95-49-8	2-Chlorotoluene	ND	50	D2	
591-78-6	2-Hexanone	ND	100	D2	
106-43-4	4-Chlorotoluene	ND	50	D2	
108-10-1	4-Methyl-2-pentanone	ND	100	D2	
67-64-1	Acetone	ND	200	D2	
71-43-2	Benzene	ND	10	D2	
108-86-1	Bromobenzene	ND	50	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-96A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-007
Matrix:	WATER	**Lab WorkOrder:**	JQ84M1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 01:54
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 21:55
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	50	D2	
75-27-4	Bromodichloromethane	ND	10	D2	
75-25-2	Bromoform	ND	50	D2	
74-83-9	Bromomethane	ND	50	D2	
75-15-0	Carbon disulfide	ND	50	D2	
56-23-5	Carbon tetrachloride	ND	20	D2	
108-90-7	Chlorobenzene	ND	10	D2	
124-48-1	Chlorodibromomethane	ND	20	D2	
75-00-3	Chloroethane	ND	50	D2	
67-66-3	Chloroform	ND	20	D2	
74-87-3	Chloromethane	ND	50	D2	
156-59-2	cis-1,2-Dichloroethene	ND	20	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	20	D2	
74-95-3	Dibromomethane	ND	20	D2	
75-71-8	Dichlorodifluoromethane	ND	50	D2	
100-41-4	Ethylbenzene	ND	20	D2	
87-68-3	Hexachlorobutadiene	ND	50	D2	
74-88-4	Iodomethane	ND	100	D2	
98-82-8	Isopropylbenzene	ND	20	D2	
1634-04-4	Methyl tert-butyl ether	**160**	50	D2	
75-09-2	Methylene chloride	ND	50	D2	
91-20-3	Naphthalene	ND	20	D2	
104-51-8	n-Butylbenzene	ND	50	D2	
103-65-1	n-Propylbenzene	ND	20	D2	
99-87-6	p-Isopropyltoluene	ND	20	D2	
135-98-8	sec-Butylbenzene	ND	50	L1 D2	
100-42-5	Styrene	ND	20	D2	
98-06-6	tert-Butylbenzene	ND	50	D2	
127-18-4	Tetrachloroethene	ND	10	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-96A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-007
Matrix:	WATER	**Lab WorkOrder:**	JQ84M1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 01:54
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 21:55
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	20	D2	
156-60-5	trans-1,2-Dichloroethene	ND	20	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	20	D2	
79-01-6	Trichloroethene	ND	10	D2	
75-69-4	Trichlorofluoromethane	ND	50	D2	
108-05-4	Vinyl acetate	ND	250	D2	
75-01-4	Vinyl chloride	ND	10	D2	
1330-20-7	Xylenes (total)	ND	100	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	80	70	127	D2	
2037-26-5	Toluene-d8	107	83	125	D2	
1868-53-7	Dibromofluoromethane	102	77	119	D2	
460-00-4	4-Bromofluorobenzene	97	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-106A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-008
Matrix:	WATER	**Lab WorkOrder:**	JQ84N1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 05:49
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 22:14
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	D2	
71-55-6	1,1,1-Trichloroethane	ND	20	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	D2	
79-00-5	1,1,2-Trichloroethane	ND	10	D2	
75-34-3	1,1-Dichloroethane	ND	20	D2	
75-35-4	1,1-Dichloroethene	ND	20	D2	
563-58-6	1,1-Dichloropropene	ND	20	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	50	D2	
96-18-4	1,2,3-Trichloropropane	ND	100	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	50	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	20	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	50	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	20	D2	
95-50-1	1,2-Dichlorobenzene	ND	10	D2	
107-06-2	1,2-Dichloroethane	ND	10	D2	
78-87-5	1,2-Dichloropropane	ND	20	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	20	D2	
541-73-1	1,3-Dichlorobenzene	ND	10	D2	
142-28-9	1,3-Dichloropropane	ND	20	D2	
106-46-7	1,4-Dichlorobenzene	ND	10	D2	
594-20-7	2,2-Dichloropropane	ND	20	D2	
78-93-3	2-Butanone (MEK)	ND	100	D2	
95-49-8	2-Chlorotoluene	ND	50	D2	
591-78-6	2-Hexanone	ND	100	D2	
106-43-4	4-Chlorotoluene	ND	50	D2	
108-10-1	4-Methyl-2-pentanone	ND	100	D2	
67-64-1	Acetone	ND	200	D2	
71-43-2	Benzene	ND	10	D2	
108-86-1	Bromobenzene	ND	50	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-106A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-008
Matrix:	WATER	**Lab WorkOrder:**	JQ84N1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 05:49
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 22:14
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	50	D2	
75-27-4	Bromodichloromethane	ND	10	D2	
75-25-2	Bromoform	ND	50	D2	
74-83-9	Bromomethane	ND	50	D2	
75-15-0	Carbon disulfide	ND	50	D2	
56-23-5	Carbon tetrachloride	ND	20	D2	
108-90-7	Chlorobenzene	ND	10	D2	
124-48-1	Chlorodibromomethane	ND	20	D2	
75-00-3	Chloroethane	ND	50	D2	
67-66-3	Chloroform	ND	20	D2	
74-87-3	Chloromethane	ND	50	D2	
156-59-2	cis-1,2-Dichloroethene	ND	20	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	20	D2	
74-95-3	Dibromomethane	ND	20	D2	
75-71-8	Dichlorodifluoromethane	ND	50	D2	
100-41-4	Ethylbenzene	ND	20	D2	
87-68-3	Hexachlorobutadiene	ND	50	D2	
74-88-4	Iodomethane	ND	100	D2	
98-82-8	Isopropylbenzene	ND	20	D2	
1634-04-4	Methyl tert-butyl ether	**210**	50	D2	
75-09-2	Methylene chloride	ND	50	D2	
91-20-3	Naphthalene	ND	20	D2	
104-51-8	n-Butylbenzene	ND	50	D2	
103-65-1	n-Propylbenzene	ND	20	D2	
99-87-6	p-Isopropyltoluene	ND	20	D2	
135-98-8	sec-Butylbenzene	ND	50	L1 D2	
100-42-5	Styrene	ND	20	D2	
98-06-6	tert-Butylbenzene	ND	50	D2	
127-18-4	Tetrachloroethene	ND	10	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-106A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-008
Matrix:	WATER	**Lab WorkOrder:**	JQ84N1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 05:49
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 22:14
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	20	D2	
156-60-5	trans-1,2-Dichloroethene	ND	20	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	20	D2	
79-01-6	Trichloroethene	ND	10	D2	
75-69-4	Trichlorofluoromethane	ND	50	D2	
108-05-4	Vinyl acetate	ND	250	D2	
75-01-4	Vinyl chloride	ND	10	D2	
1330-20-7	Xylenes (total)	ND	100	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	79	70	127	D2	
2037-26-5	Toluene-d8	107	83	125	D2	
1868-53-7	Dibromofluoromethane	97	77	119	D2	
460-00-4	4-Bromofluorobenzene	94	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-122A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-010
Matrix:	WATER	**Lab WorkOrder:**	JQ84R1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 06:29
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 22:52
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-122A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-010
Matrix:	WATER	**Lab WorkOrder:**	JQ84R1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 06:29
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 22:52
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	L1	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.2**	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-122A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-010
Matrix:	WATER	**Lab WorkOrder:**	JQ84R1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 06:29
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 22:52
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	77	70	127		
2037-26-5	Toluene-d8	115	83	125		
1868-53-7	Dibromofluoromethane	96	77	119		
460-00-4	4-Bromofluorobenzene	103	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-114A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-011
Matrix:	WATER	**Lab WorkOrder:**	JQ84V1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 02:37
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 23:11
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-114A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-011
Matrix:	WATER	**Lab WorkOrder:**	JQ84V1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 02:37
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 23:11
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	LI	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.2**	1.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-114A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-011
Matrix:	WATER	**Lab WorkOrder:**	JQ84V1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 02:37
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 23:11
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127		
2037-26-5	Toluene-d8	109	83	125		
1868-53-7	Dibromofluoromethane	99	77	119		
460-00-4	4-Bromofluorobenzene	97	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-123A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-012
Matrix:	WATER	**Lab WorkOrder:**	JQ84W1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 07:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 23:30
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-123A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-012
Matrix:	WATER	**Lab WorkOrder:**	JQ84W1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 07:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 23:30
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	L1	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-123A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-012
Matrix:	WATER	**Lab WorkOrder:**	JQ84W1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 07:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 23:30
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	80	70	127		
2037-26-5	Toluene-d8	105	83	125		
1868-53-7	Dibromofluoromethane	102	77	119		
460-00-4	4-Bromofluorobenzene	98	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-109A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-013
Matrix:	WATER	**Lab WorkOrder:**	JQ8421AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 08:34
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 23:49
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-109A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-013
Matrix:	WATER	**Lab WorkOrder:**	JQ8421AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 08:34
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 23:49
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	L1	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-109A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-013
Matrix:	WATER	**Lab WorkOrder:**	JQ8421AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 08:34
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 23:49
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	83	70	127		
2037-26-5	Toluene-d8	114	83	125		
1868-53-7	Dibromofluoromethane	97	77	119		
460-00-4	4-Bromofluorobenzene	98	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-36A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-014
Matrix:	WATER	**Lab WorkOrder:**	JQ8431AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 05:01
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 00:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-36A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-014
Matrix:	WATER	**Lab WorkOrder:**	JQ8431AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 05:01
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 00:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	L1	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-36A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-014
Matrix:	WATER	**Lab WorkOrder:**	JQ8431AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 05:01
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 00:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	84	70	127		
2037-26-5	Toluene-d8	105	83	125		
1868-53-7	Dibromofluoromethane	99	77	119		
460-00-4	4-Bromofluorobenzene	102	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031407A
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-015
Matrix:	WATER	**Lab WorkOrder:**	JQ8461AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:00
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 00:27
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031407A
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-015
Matrix:	WATER	**Lab WorkOrder:**	JQ8461AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:00
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 00:27
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	L1	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031407A
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-015
Matrix:	WATER	**Lab WorkOrder:**	JQ8461AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:00
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 00:27
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	83	70	127		
2037-26-5	Toluene-d8	107	83	125		
1868-53-7	Dibromofluoromethane	101	77	119		
460-00-4	4-Bromofluorobenzene	98	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-20B-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-016
Matrix:	WATER	**Lab WorkOrder:**	JQ8481AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:39
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 00:46
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-20B-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-016
Matrix:	WATER	**Lab WorkOrder:**	JQ8481AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:39
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 00:46
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	L1	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-20B-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-016
Matrix:	WATER	**Lab WorkOrder:**	JQ8481AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 06:39
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 00:46
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**2.6**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	86	70	127		
2037-26-5	Toluene-d8	109	83	125		
1868-53-7	Dibromofluoromethane	103	77	119		
460-00-4	4-Bromofluorobenzene	100	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-20C-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-017
Matrix:	WATER	**Lab WorkOrder:**	JQ85A1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 07:41
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 01:05
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-20C-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-017
Matrix:	WATER	**Lab WorkOrder:**	JQ85A1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 07:41
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 01:05
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	LI	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-20C-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-017
Matrix:	WATER	**Lab WorkOrder:**	JQ85A1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 07:41
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 01:05
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**10**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127		
2037-26-5	Toluene-d8	112	83	125		
1868-53-7	Dibromofluoromethane	102	77	119		
460-00-4	4-Bromofluorobenzene	101	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-44B-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-018
Matrix:	WATER	**Lab WorkOrder:**	JQ85E1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 10:23
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 01:24
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**4.7**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-44B-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-018
Matrix:	WATER	**Lab WorkOrder:**	JQ85E1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 10:23
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 01:24
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	L1	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-44B-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-018
Matrix:	WATER	**Lab WorkOrder:**	JQ85E1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 10:23
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 01:24
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**2.6**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	87	70	127		
2037-26-5	Toluene-d8	115	83	125		
1868-53-7	Dibromofluoromethane	102	77	119		
460-00-4	4-Bromofluorobenzene	104	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-66A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-019
Matrix:	WATER	**Lab WorkOrder:**	JQ85G1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 10:57
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 01:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**12**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-66A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-019
Matrix:	WATER	**Lab WorkOrder:**	JQ85G1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 10:57
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 01:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	**5.1**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	L1	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-66A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-019
Matrix:	WATER	**Lab WorkOrder:**	JQ85G1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 10:57
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 01:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**2.1**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	**3.6**	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127		
2037-26-5	Toluene-d8	110	83	125		
1868-53-7	Dibromofluoromethane	101	77	119		
460-00-4	4-Bromofluorobenzene	98	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-48B-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-020
Matrix:	WATER	**Lab WorkOrder:**	JQ85H1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 11:38
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 02:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**11**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-48B-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-020
Matrix:	WATER	**Lab WorkOrder:**	JQ85H1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 11:38
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 02:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	L1	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-48B-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-020
Matrix:	WATER	**Lab WorkOrder:**	JQ85H1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 11:38
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 02:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**4.7**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127		
2037-26-5	Toluene-d8	107	83	125		
1868-53-7	Dibromofluoromethane	103	77	119		
460-00-4	4-Bromofluorobenzene	97	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-19B-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-021
Matrix:	WATER	**Lab WorkOrder:**	JQ85M1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 15:04
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 02:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**6.7**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-19B-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-021
Matrix:	WATER	**Lab WorkOrder:**	JQ85M1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 15:04
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 02:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	L1	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-19B-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-021
Matrix:	WATER	**Lab WorkOrder:**	JQ85M1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 15:04
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 02:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**20**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	83	70	127		
2037-26-5	Toluene-d8	109	83	125		
1868-53-7	Dibromofluoromethane	101	77	119		
460-00-4	4-Bromofluorobenzene	98	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-19C-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-022
Matrix:	WATER	**Lab WorkOrder:**	JQ85P1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 14:20
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 02:40
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-19C-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-022
Matrix:	WATER	**Lab WorkOrder:**	JQ85P1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 14:20
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 02:40
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0	L1	
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-19C-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-022
Matrix:	WATER	**Lab WorkOrder:**	JQ85P1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 14:20
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/27/07 02:40
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**3.4**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	82	70	127		
2037-26-5	Toluene-d8	113	83	125		
1868-53-7	Dibromofluoromethane	98	77	119		
460-00-4	4-Bromofluorobenzene	105	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C300000-101B
Matrix:	WATER	**Lab WorkOrder:**	JR3WL1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 19:04
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C300000-101B
Matrix:	WATER	**Lab WorkOrder:**	JR3WL1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 19:04
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	L1
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C300000-101B
Matrix:	WATER	**Lab WorkOrder:**	JR3WL1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 19:04
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	79	70	127	
2037-26-5	Toluene-d8	119	83	125	
1868-53-7	Dibromofluoromethane	100	77	119	
460-00-4	4-Bromofluorobenzene	100	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK9H

Lot/SDG Number: D7C160389 **QC Batch ID:** 7089101

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-109A-7A1	JQ8421AA	83	98	97	114					0
ASE-36A-7A1	JQ8431AA	84	102	99	105					0
TB-031407A	JQ8461AA	83	98	101	107					0
ASE-20B-7A1	JQ8481AA	86	100	103	109					0
ASE-125A-7A1	JQ84C1AA	77	95	96	113					0
ASE-95A-7A1	JQ84F1AA	75	98	96	102					0
ASE-124A-7A1	JQ84H1AA	78	99	97	114					0
ASE-128A-7A1	JQ84K1AA	70	94	92	122					0
ASE-128A-7A1 MS	JQ84K1AE	75	104	96	116					0
ASE-128A-7A1 MSD	JQ84K1AF	73	97	96	108					0
ASE-96A-7A1	JQ84M1AA	80	97	102	107					0
ASE-106A-7A1	JQ84N1AA	79	94	97	107					0
ASE-122A-7A1	JQ84R1AA	77	103	96	115					0
ASE-114A-7A1	JQ84V1AA	81	97	99	109					0
ASE-123A-7A1	JQ84W1AA	80	98	102	105					0
ASE-20C-7A1	JQ85A1AA	81	101	102	112					0
ASE-44B-7A1	JQ85E1AA	87	104	102	115					0
ASE-66A-7A1	JQ85G1AA	81	98	101	110					0
ASE-48B-7A1	JQ85H1AA	81	97	103	107					0
ASE-19B-7A1	JQ85M1AA	83	98	101	109					0
ASE-19C-7A1	JQ85P1AA	82	105	98	113					0
INTRA-LAB BLANK	JR3WL1AA	79	100	100	119					0
CHECK SAMPLE	JR3WL1AC	77	100	97	115					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C300000-101C
Matrix:	WATER	**Lab WorkOrder:**	JR3WL1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 18:26
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	10.0	8.86	89		72 - 117
Acetone	20.0	12.7	64		48 - 130
Ethylbenzene	10.0	10.5	105		78 - 118
Trichlorofluoromethane	10.0	9.06	91		63 - 135
Hexachlorobutadiene	10.0	8.92	89		73 - 123
2-Hexanone	20.0	16.4	82		57 - 121
Isopropylbenzene	10.0	9.45	95		71 - 111
p-Isopropyltoluene	10.0	9.32	93		76 - 113
Methylene chloride	10.0	10.4	104		71 - 119
4-Methyl-2-pentanone	20.0	14.7	73		65 - 118
Naphthalene	10.0	9.17	92		62 - 121
Benzene	10.0	10.4	104		77 - 118
2-Pentanone	20.0	18.1	91		42 - 115
n-Propylbenzene	10.0	10.4	104		76 - 116
Styrene	10.0	8.90	89		77 - 117
1,1,1,2-Tetrachloroethane	10.0	9.50	95		77 - 117
1,1,2,2-Tetrachloroethane	10.0	9.80	98		73 - 119
Tetrachloroethene	10.0	11.1	111		77 - 117
Toluene	10.0	10.3	103		73 - 120
1,2,3-Trichlorobenzene	10.0	9.49	95		66 - 123
1,2,4-Trichlorobenzene	10.0	9.91	99		73 - 121
1,1,1-Trichloroethane	10.0	8.14	81		78 - 118
1,1,2-Trichloroethane	10.0	11.0	110		76 - 116
Trichloroethene	10.0	10.4	104		78 - 122
1,2,3-Trichloropropane	10.0	7.43	74		72 - 120
1,2,4-Trimethylbenzene	10.0	9.94	99		77 - 117
1,3,5-Trimethylbenzene	10.0	9.42	94		77 - 117
Vinyl acetate	10.0	7.69	77		63 - 124
Vinyl chloride	10.0	9.60	96		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C300000-101C
Matrix:	WATER	**Lab WorkOrder:**	JR3WL1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 18:26
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	10.0	10.4	104		77 - 117
Xylenes (total)	30.0	31.5	105		77 - 117
Methyl tert-butyl ether	20.0	11.8	59		58 - 116
m-Xylene & p-Xylene	20.0	21.0	105		78 - 118
Bromobenzene	10.0	10.5	105		75 - 115
Bromochloromethane	10.0	9.61	96		78 - 118
Bromodichloromethane	10.0	8.68	87		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.35	94		65 - 117
1,2-Dibromoethane (EDB)	10.0	9.86	99		77 - 117
2-Butanone (MEK)	20.0	16.5	83		57 - 120
Bromoform	10.0	10.6	106		74 - 121
Bromomethane	10.0	8.89	89		42 - 154
n-Butylbenzene	10.0	9.13	91		76 - 117
sec-Butylbenzene	10.0	12.1	121	L1	80 - 120
tert-Butylbenzene	10.0	9.41	94		76 - 116
Carbon disulfide	10.0	9.61	96		56 - 104
Carbon tetrachloride	10.0	8.39	84		80 - 120
Chlorobenzene	10.0	10.5	105		78 - 118
Chlorodibromomethane	10.0	9.49	95		76 - 116
Chloroethane	10.0	8.74	87		51 - 133
Chloroform	10.0	8.52	85		78 - 118
Chloromethane	10.0	9.03	90		46 - 142
2-Chlorotoluene	10.0	10.2	102		76 - 116
4-Chlorotoluene	10.0	10.3	103		78 - 118
Dibromomethane	10.0	9.38	94		77 - 117
1,2-Dichlorobenzene	10.0	9.93	99		76 - 116
1,3-Dichlorobenzene	10.0	10.0	100		75 - 115
1,4-Dichlorobenzene	10.0	10.4	104		77 - 117
Dichlorodifluoromethane	10.0	9.25	92		56 - 140

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C300000-101C
Matrix:	WATER	**Lab WorkOrder:**	JR3WL1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 18:26
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethane	10.0	9.18	92		77 - 117
1,2-Dichloroethane	10.0	7.35	74		74 - 120
1,1-Dichloroethene	10.0	11.5	115		68 - 133
cis-1,2-Dichloroethene	10.0	10.4	104		75 - 115
trans-1,2-Dichloroethene	10.0	10.6	106		80 - 120
1,2-Dichloroethene (total)	20.0	21.0	105		78 - 118
1,2-Dichloropropane	10.0	10.2	102		76 - 116
1,3-Dichloropropane	10.0	9.81	98		75 - 115
2,2-Dichloropropane	10.0	8.45	84		72 - 128
1,1-Dichloropropene	10.0	9.54	95		75 - 115
cis-1,3-Dichloropropene	10.0	10.7	107		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	77	70	127	
2037-26-5	Toluene-d8	115	83	125	
1868-53-7	Dibromofluoromethane	97	77	119	
460-00-4	4-Bromofluorobenzene	100	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7A1
Lot/SDG Number:	D7C160389	**MS Lab Sample ID:**	D7C160389-006S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ84K1AE
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 20:20
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	10.0	0.17		10.2	102		77 - 117
1,1,1-Trichloroethane	10.0	0.16		8.29	83		78 - 118
1,1,2,2-Tetrachloroethane	10.0	0.20		11.3	113		73 - 119
1,1,2-Trichloroethane	10.0	0.32	M1	12.2	122	M1	76 - 116
1,1-Dichloroethane	10.0	0.16		9.12	91		77 - 117
1,1-Dichloroethene	10.0	0.14		11.6	116		68 - 133
1,1-Dichloropropene	10.0	0.15		9.38	94		75 - 115
1,2,3-Trichlorobenzene	10.0	0.18	M1	9.97	100		66 - 123
1,2,3-Trichloropropane	10.0	0.27		7.65	77		72 - 120
1,2,4-Trichlorobenzene	10.0	0.32		10.2	102		73 - 121
1,2,4-Trimethylbenzene	10.0	0.14		9.75	98		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	10.0	1.5		9.77	98		65 - 117
1,2-Dibromoethane (EDB)	10.0	0.18		11.1	111		77 - 117
1,2-Dichlorobenzene	10.0	0.13		10.5	105		76 - 116
1,2-Dichloroethane	10.0	0.13	M2	7.32	73	M2	74 - 120
1,2-Dichloroethene (total)	20.0	0.15		21.0	105		78 - 118
1,2-Dichloropropane	10.0	0.13		9.72	97		76 - 116
1,3,5-Trimethylbenzene	10.0	0.14		9.03	90		77 - 117
1,3-Dichlorobenzene	10.0	0.16		9.80	98		75 - 115
1,3-Dichloropropane	10.0	0.15		11.3	113		75 - 115
1,4-Dichlorobenzene	10.0	0.16		10.4	104		77 - 117
2,2-Dichloropropane	10.0	0.20		8.86	89		72 - 128
2-Butanone (MEK)	20.0	1.8		15.7	78		57 - 120
2-Chlorotoluene	10.0	0.17		10.4	104		76 - 116
2-Hexanone	20.0	1.4		16.2	81		57 - 121
2-Pentanone	20.0	0.82		16.1	81		42 - 115
4-Chlorotoluene	10.0	0.17		10.7	107		78 - 118
4-Methyl-2-pentanone	20.0	0.49		18.3	91		65 - 118
Acetone	20.0	1.9		10.4	52		48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7A1
Lot/SDG Number:	D7C160389	**MS Lab Sample ID:**	D7C160389-006S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ84K1AE
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 20:20
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	10.0	0.16		10.3	103		77 - 118
Bromobenzene	10.0	0.17		10.3	103		75 - 115
Bromochloromethane	10.0	0.10		10.3	103		78 - 118
Bromodichloromethane	10.0	0.17		8.75	87		78 - 118
Bromoform	10.0	0.19	M1	12.5	125	M1	74 - 121
Bromomethane	10.0	0.21		8.43	84		42 - 154
Carbon disulfide	10.0	0.45		9.66	97		56 - 104
Carbon tetrachloride	10.0	0.19	M2	8.24	82		80 - 120
Chlorobenzene	10.0	0.17		11.0	110		78 - 118
Chlorodibromomethane	10.0	0.17		10.6	106		76 - 116
Chloroethane	10.0	0.41		8.40	84		51 - 133
Chloroform	10.0	0.16		8.75	88		78 - 118
Chloromethane	10.0	0.30		8.95	89		46 - 142
cis-1,2-Dichloroethene	10.0	0.15		10.4	104		75 - 115
cis-1,3-Dichloropropene	10.0	0.16		11.4	114		76 - 116
Dibromomethane	10.0	0.17		9.54	95		77 - 117
Dichlorodifluoromethane	10.0	0.31		9.23	92		56 - 140
Ethylbenzene	10.0	0.16		11.2	112		78 - 118
Hexachlorobutadiene	10.0	0.12		9.08	91		73 - 123
Isopropylbenzene	10.0	0.19		10.0	100		71 - 111
m-Xylene & p-Xylene	20.0	0.34		22.9	114		78 - 118
Methyl tert-butyl ether	20.0	0.25		13.4	67		58 - 116
Methylene chloride	10.0	0.32		10.4	104		71 - 119
n-Butylbenzene	10.0	0.14		9.35	94		76 - 117
n-Propylbenzene	10.0	0.16		10.1	101		76 - 116
Naphthalene	10.0	0.22	M1	9.59	96		62 - 121
o-Xylene	10.0	0.19		11.6	116		77 - 117
p-Isopropyltoluene	10.0	0.17		9.07	91		76 - 113
sec-Butylbenzene	10.0	0.17	L1	11.4	114	L1	80 - 120

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7A1
Lot/SDG Number:	D7C160389	**MS Lab Sample ID:**	D7C160389-006S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ84K1AE
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 20:20
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Styrene	10.0	0.17		9.27	93		77 - 117
tert-Butylbenzene	10.0	0.16		9.83	98		76 - 116
Tetrachloroethene	10.0	0.20	M1	12.0	120	M1	77 - 117
Toluene	10.0	0.17		11.4	114		73 - 120
trans-1,2-Dichloroethene	10.0	0.15		10.6	106		80 - 120
trans-1,3-Dichloropropene	10.0	0.19		9.73	97		72 - 117
Trichloroethene	10.0	0.16		10.6	106		78 - 122
Trichlorofluoromethane	10.0	0.29		8.86	89		63 - 135
Vinyl acetate	10.0	0.94		8.08	81		63 - 124
Vinyl chloride	10.0	0.17		9.14	91		49 - 136
Xylenes (total)	30.0	0.19		34.5	115		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	75	70	127	
460-00-4	4-Bromofluorobenzene	104	78	118	
1868-53-7	Dibromofluoromethane	96	77	119	
2037-26-5	Toluene-d8	116	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7A1
Lot/SDG Number:	D7C160389	**MSD Lab Sample ID:**	D7C160389-006D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ84K1AF
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 20:39
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	10.0	0.17		9.99	100	2.5		77 - 117	20
1,1,1-Trichloroethane	10.0	0.16		8.20	82	1.1		78 - 118	20
1,1,2,2-Tetrachloroethane	10.0	0.20		11.2	112	0.90		73 - 119	20
1,1,2-Trichloroethane	10.0	0.32	M1	12.1	121	0.84	M1	76 - 116	21
1,1-Dichloroethane	10.0	0.16		9.44	94	3.5		77 - 117	21
1,1-Dichloroethene	10.0	0.14		11.7	117	1.2		68 - 133	20
1,1-Dichloropropene	10.0	0.15		8.86	89	5.7		75 - 115	21
1,2,3-Trichlorobenzene	10.0	0.18	M1	12.5	125	22	M1	66 - 123	29
1,2,3-Trichloropropane	10.0	0.27		8.09	81	5.6		72 - 120	23
1,2,4-Trichlorobenzene	10.0	0.32		11.5	115	11		73 - 121	25
1,2,4-Trimethylbenzene	10.0	0.14		10.2	102	4.7		77 - 117	20
1,2-Dibromo-3-chloroprop	10.0	1.5		9.47	95	3.1		65 - 117	22
1,2-Dibromoethane (EDB)	10.0	0.18		11.0	110	0.59		77 - 117	20
1,2-Dichlorobenzene	10.0	0.13		11.4	114	8.4		76 - 116	20
1,2-Dichloroethane	10.0	0.13	M2	7.70	77	5.1		74 - 120	20
1,2-Dichloroethene (total)	20.0	0.15		20.7	104	1.1		78 - 118	20
1,2-Dichloropropane	10.0	0.13		9.78	98	0.71		76 - 116	20
1,3,5-Trimethylbenzene	10.0	0.14		9.64	96	6.5		77 - 117	20
1,3-Dichlorobenzene	10.0	0.16		11.1	111	12		75 - 115	20
1,3-Dichloropropane	10.0	0.15		10.0	100	12		75 - 115	20
1,4-Dichlorobenzene	10.0	0.16		11.1	111	6.7		77 - 117	23
2,2-Dichloropropane	10.0	0.20		8.14	81	8.5		72 - 128	24
2-Butanone (MEK)	20.0	1.8		16.3	82	4.0		57 - 120	32
2-Chlorotoluene	10.0	0.17		10.6	106	2.4		76 - 116	20
2-Hexanone	20.0	1.4		16.7	83	3.1		57 - 121	25

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7A1
Lot/SDG Number:	D7C160389	**MSD Lab Sample ID:**	D7C160389-006D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ84K1AF
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 20:39
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Pentanone	20.0	0.82		18.0	90	11		42 - 115	26
4-Chlorotoluene	10.0	0.17		10.5	105	2.0		78 - 118	20
4-Methyl-2-pentanone	20.0	0.49		18.0	90	1.2		65 - 118	22
Acetone	20.0	1.9		13.6	68	27		48 - 130	41
Benzene	10.0	0.16		10.1	101	1.3		77 - 118	20
Bromobenzene	10.0	0.17		10.9	109	5.4		75 - 115	20
Bromochloromethane	10.0	0.10		10.0	100	2.3		78 - 118	20
Bromodichloromethane	10.0	0.17		8.80	88	0.65		78 - 118	20
Bromoform	10.0	0.19	M1	11.3	113	9.8		74 - 121	21
Bromomethane	10.0	0.21		8.43	84	0.0		42 - 154	24
Carbon disulfide	10.0	0.45		9.48	95	2.0		56 - 104	20
Carbon tetrachloride	10.0	0.19	M2	7.80	78	5.5	M2	80 - 120	21
Chlorobenzene	10.0	0.17		10.5	105	5.3		78 - 118	20
Chlorodibromomethane	10.0	0.17		10.1	101	4.3		76 - 116	20
Chloroethane	10.0	0.41		7.72	77	8.3		51 - 133	25
Chloroform	10.0	0.16		8.76	88	0.10		78 - 118	20
Chloromethane	10.0	0.30		8.67	87	3.1		46 - 142	24
cis-1,2-Dichloroethene	10.0	0.15		9.87	99	5.0		75 - 115	20
cis-1,3-Dichloropropene	10.0	0.16		10.7	107	6.2		76 - 116	20
Dibromomethane	10.0	0.17		9.43	94	1.2		77 - 117	20
Dichlorodifluoromethane	10.0	0.31		9.29	93	0.67		56 - 140	24
Ethylbenzene	10.0	0.16		10.3	103	8.4		78 - 118	26
Hexachlorobutadiene	10.0	0.12		10.1	101	11		73 - 123	25
Isopropylbenzene	10.0	0.19		9.80	98	2.4		71 - 111	20
m-Xylene & p-Xylene	20.0	0.34		20.6	103	11		78 - 118	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7A1
Lot/SDG Number:	D7C160389	**MSD Lab Sample ID:**	D7C160389-006D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ84K1AF
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/26/07 17:27
QC Batch ID:	7089101	**Date/Time Analyzed:**	03/26/07 20:39
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Methyl tert-butyl ether	20.0	0.25		12.9	64	3.9		58 - 116	21
Methylene chloride	10.0	0.32		10.3	103	1.8		71 - 119	20
n-Butylbenzene	10.0	0.14		10.5	105	11		76 - 117	21
n-Propylbenzene	10.0	0.16		11.2	112	10		76 - 116	20
Naphthalene	10.0	0.22	M1	12.4	124	26	M1	62 - 121	32
o-Xylene	10.0	0.19		10.8	108	7.5		77 - 117	20
p-Isopropyltoluene	10.0	0.17		10.4	104	14		76 - 113	20
sec-Butylbenzene	10.0	0.17	L1	11.9	119	4.3	L1	80 - 120	21
Styrene	10.0	0.17		8.88	89	4.4		77 - 117	20
tert-Butylbenzene	10.0	0.16		10.7	107	8.2		76 - 116	21
Tetrachloroethene	10.0	0.20	M1	10.5	105	13		77 - 117	20
Toluene	10.0	0.17		10.5	105	8.1		73 - 120	20
trans-1,2-Dichloroethene	10.0	0.15		10.9	109	2.5		80 - 120	24
trans-1,3-Dichloropropene	10.0	0.19		9.02	90	7.6		72 - 117	20
Trichloroethene	10.0	0.16		10.1	101	4.1		78 - 122	20
Trichlorofluoromethane	10.0	0.29		8.70	87	1.8		63 - 135	20
Vinyl acetate	10.0	0.94		8.46	85	4.7		63 - 124	24
Vinyl chloride	10.0	0.17		9.02	90	1.3		49 - 136	24
Xylenes (total)	30.0	0.19		31.3	104	9.6		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	73	70	127	
460-00-4	4-Bromofluorobenzene	97	78	118	
1868-53-7	Dibromofluoromethane	96	77	119	
2037-26-5	Toluene-d8	108	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	RR7610.D
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C300000-101B
Matrix:	WATER	**Lab Work Order:**	JR3WL1AA
Analysis Method:	8260B	**Date/Time Extracted:**	03/26/07 17:27
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	03/26/07 19:04
QC Batch ID:	7089101	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-109A-7A1	JQ8421AA	RR7610.D	03/26/07	23:49
ASE-36A-7A1	JQ8431AA	RR7611.D	03/27/07	00:08
TB-031407A	JQ8461AA	RR7612.D	03/27/07	00:27
ASE-20B-7A1	JQ8481AA	RR7613.D	03/27/07	00:46
ASE-125A-7A1	JQ84C1AA	RR7597.D	03/26/07	19:42
ASE-95A-7A1	JQ84F1AA	RR7598.D	03/26/07	20:01
ASE-124A-7A1	JQ84H1AA	RR7603.D	03/26/07	21:36
ASE-128A-7A1	JQ84K1AA	RR7596.D	03/26/07	19:23
ASE-128A-7A1 MS	JQ84K1AE S	RR7599.D	03/26/07	20:20
ASE-128A-7A1 MSD	JQ84K1AF D	RR7600.D	03/26/07	20:39
ASE-96A-7A1	JQ84M1AA	RR7604.D	03/26/07	21:55
ASE-106A-7A1	JQ84N1AA	RR7605.D	03/26/07	22:14
ASE-122A-7A1	JQ84R1AA	RR7607.D	03/26/07	22:52
ASE-114A-7A1	JQ84V1AA	RR7608.D	03/26/07	23:11
ASE-123A-7A1	JQ84W1AA	RR7609.D	03/26/07	23:30
ASE-20C-7A1	JQ85A1AA	RR7614.D	03/27/07	01:05
ASE-44B-7A1	JQ85E1AA	RR7615.D	03/27/07	01:24
ASE-66A-7A1	JQ85G1AA	RR7616.D	03/27/07	01:43
ASE-48B-7A1	JQ85H1AA	RR7617.D	03/27/07	02:02
ASE-19B-7A1	JQ85M1AA	RR7618.D	03/27/07	02:21
ASE-19C-7A1	JQ85P1AA	RR7619.D	03/27/07	02:40
CHECK SAMPLE	JR3WL1AC C	RR7593.D	03/26/07	18:26

STL

Volatile GC/MS

Lot ID: D7C160389

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 009, -023, -024

Batch: 7089102

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-509-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-009
Matrix:	WATER	**Lab WorkOrder:**	JQ84P1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 05:59
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 01:26
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	33		
71-55-6	1,1,1-Trichloroethane	ND	13		
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.7		
79-00-5	1,1,2-Trichloroethane	ND	6.7		
75-34-3	1,1-Dichloroethane	ND	13		
75-35-4	1,1-Dichloroethene	ND	13		
563-58-6	1,1-Dichloropropene	ND	13		
87-61-6	1,2,3-Trichlorobenzene	ND	33		
96-18-4	1,2,3-Trichloropropane	ND	67		
120-82-1	1,2,4-Trichlorobenzene	ND	33		
95-63-6	1,2,4-Trimethylbenzene	ND	13		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	33		
106-93-4	1,2-Dibromoethane (EDB)	ND	13		
95-50-1	1,2-Dichlorobenzene	ND	6.7		
107-06-2	1,2-Dichloroethane	ND	6.7		
78-87-5	1,2-Dichloropropane	ND	13		
108-67-8	1,3,5-Trimethylbenzene	ND	13		
541-73-1	1,3-Dichlorobenzene	ND	6.7		
142-28-9	1,3-Dichloropropane	ND	13		
106-46-7	1,4-Dichlorobenzene	ND	6.7		
594-20-7	2,2-Dichloropropane	ND	13		
78-93-3	2-Butanone (MEK)	ND	67		
95-49-8	2-Chlorotoluene	ND	33		
591-78-6	2-Hexanone	ND	67		
106-43-4	4-Chlorotoluene	ND	33		
108-10-1	4-Methyl-2-pentanone	ND	67		
67-64-1	Acetone	ND	130		
71-43-2	Benzene	ND	6.7		
108-86-1	Bromobenzene	ND	33		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-509-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-009
Matrix:	WATER	**Lab WorkOrder:**	JQ84P1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 05:59
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 01:26
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	33		
75-27-4	Bromodichloromethane	ND	6.7		
75-25-2	Bromoform	ND	33		
74-83-9	Bromomethane	ND	33		
75-15-0	Carbon disulfide	ND	33		
56-23-5	Carbon tetrachloride	ND	13		
108-90-7	Chlorobenzene	ND	6.7		
124-48-1	Chlorodibromomethane	ND	13		
75-00-3	Chloroethane	ND	33		
67-66-3	Chloroform	ND	13		
74-87-3	Chloromethane	ND	33		
156-59-2	cis-1,2-Dichloroethene	ND	13		
10061-01-5	cis-1,3-Dichloropropene	ND	13		
74-95-3	Dibromomethane	ND	13		
75-71-8	Dichlorodifluoromethane	ND	33		
100-41-4	Ethylbenzene	ND	13		
87-68-3	Hexachlorobutadiene	ND	33		
74-88-4	Iodomethane	ND	67		
98-82-8	Isopropylbenzene	ND	13		
1634-04-4	Methyl tert-butyl ether	**190**	33		
75-09-2	Methylene chloride	ND	33		
91-20-3	Naphthalene	ND	13		
104-51-8	n-Butylbenzene	ND	33		
103-65-1	n-Propylbenzene	ND	13		
99-87-6	p-Isopropyltoluene	ND	13		
135-98-8	sec-Butylbenzene	ND	33		
100-42-5	Styrene	ND	13		
98-06-6	tert-Butylbenzene	ND	33		
127-18-4	Tetrachloroethene	ND	6.7		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-509-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-009
Matrix:	WATER	**Lab WorkOrder:**	JQ84P1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 05:59
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 01:26
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	13		
156-60-5	trans-1,2-Dichloroethene	ND	13		
10061-02-6	trans-1,3-Dichloropropene	ND	13		
79-01-6	Trichloroethene	ND	6.7		
75-69-4	Trichlorofluoromethane	ND	33		
108-05-4	Vinyl acetate	ND	170		
75-01-4	Vinyl chloride	ND	6.7		
1330-20-7	Xylenes (total)	ND	67		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	75	70	127		
2037-26-5	Toluene-d8	108	83	125		
1868-53-7	Dibromofluoromethane	97	77	119		
460-00-4	4-Bromofluorobenzene	97	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-49B-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-023
Matrix:	WATER	**Lab WorkOrder:**	JQ85Q1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 15:36
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 01:45
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**3.1**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-49B-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-023
Matrix:	WATER	**Lab WorkOrder:**	JQ85Q1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 15:36
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 01:45
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-49B-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-023
Matrix:	WATER	**Lab WorkOrder:**	JQ85Q1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 15:36
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 01:45
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**30**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127		
2037-26-5	Toluene-d8	109	83	125		
1868-53-7	Dibromofluoromethane	101	77	119		
460-00-4	4-Bromofluorobenzene	95	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-508-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-024
Matrix:	WATER	**Lab WorkOrder:**	JQ85T1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 15:46
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 02:04
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**3.2**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-508-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-024
Matrix:	WATER	**Lab WorkOrder:**	JQ85T1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 15:46
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 02:04
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-508-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-024
Matrix:	WATER	**Lab WorkOrder:**	JQ85T1AA
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 15:46
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 02:04
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**30**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	80	70	127		
2037-26-5	Toluene-d8	115	83	125		
1868-53-7	Dibromofluoromethane	100	77	119		
460-00-4	4-Bromofluorobenzene	97	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C300000-102B
Matrix:	WATER	**Lab WorkOrder:**	JR31H1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 22:46
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

Form 1 Prep Blank Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C300000-102B
Matrix:	WATER	**Lab WorkOrder:**	JR31H1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 22:46
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C300000-102B
Matrix:	WATER	**Lab WorkOrder:**	JR31H1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 22:46
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127	
2037-26-5	Toluene-d8	108	83	125	
1868-53-7	Dibromofluoromethane	95	77	119	
460-00-4	4-Bromofluorobenzene	95	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK9H

Lot/SDG Number: D7C160389 **QC Batch ID:** 7089102

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
LAB MS/MSD MS	JQ80P1AC	73	92	97	100					0
LAB MS/MSD MSD	JQ80P1AD	76	92	97	103					0
PL-509-7A1	JQ84P1AA	75	97	97	108					0
ASE-49B-7A1	JQ85Q1AA	81	95	101	109					0
PL-508-7A1	JQ85T1AA	80	97	100	115					0
INTRA-LAB BLANK	JR31H1AA	78	95	95	108					0
CHECK SAMPLE	JR31H1AC	72	95	97	104					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C300000-102C
Matrix:	WATER	**Lab WorkOrder:**	JR31H1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 22:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	10.0	9.65	96		72 - 117
Acetone	20.0	17.1	85		48 - 130
Ethylbenzene	10.0	10.7	107		78 - 118
Trichlorofluoromethane	10.0	11.0	110		63 - 135
Hexachlorobutadiene	10.0	10.9	109		73 - 123
2-Hexanone	20.0	18.7	93		57 - 121
Isopropylbenzene	10.0	9.62	96		71 - 111
p-Isopropyltoluene	10.0	9.81	98		76 - 113
Methylene chloride	10.0	9.91	99		71 - 119
4-Methyl-2-pentanone	20.0	18.7	93		65 - 118
Naphthalene	10.0	10.0	100		62 - 121
Benzene	10.0	10.3	103		77 - 118
2-Pentanone	20.0	16.4	82		42 - 115
n-Propylbenzene	10.0	10.2	102		76 - 116
Styrene	10.0	8.68	87		77 - 117
1,1,1,2-Tetrachloroethane	10.0	10.3	103		77 - 117
1,1,2,2-Tetrachloroethane	10.0	10.3	103		73 - 119
Tetrachloroethene	10.0	10.4	104		77 - 117
Toluene	10.0	9.74	97		73 - 120
1,2,3-Trichlorobenzene	10.0	9.95	100		66 - 123
1,2,4-Trichlorobenzene	10.0	10.5	105		73 - 121
1,1,1-Trichloroethane	10.0	10.6	106		78 - 118
1,1,2-Trichloroethane	10.0	10.2	102		76 - 116
Trichloroethene	10.0	10.3	103		78 - 122
1,2,3-Trichloropropane	10.0	9.21	92		72 - 120
1,2,4-Trimethylbenzene	10.0	10.5	105		77 - 117
1,3,5-Trimethylbenzene	10.0	10.1	101		77 - 117
Vinyl acetate	10.0	7.88	79		63 - 124
Vinyl chloride	10.0	9.80	98		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C300000-102C
Matrix:	WATER	**Lab WorkOrder:**	JR31H1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 22:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	10.0	10.7	107		77 - 117
Xylenes (total)	30.0	31.1	104		77 - 117
Methyl tert-butyl ether	20.0	12.2	61		58 - 116
m-Xylene & p-Xylene	20.0	20.5	102		78 - 118
Bromobenzene	10.0	9.87	99		75 - 115
Bromochloromethane	10.0	11.1	111		78 - 118
Bromodichloromethane	10.0	9.96	100		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.48	85		65 - 117
1,2-Dibromoethane (EDB)	10.0	10.3	103		77 - 117
2-Butanone (MEK)	20.0	19.0	95		57 - 120
Bromoform	10.0	10.2	102		74 - 121
Bromomethane	10.0	9.16	92		42 - 154
n-Butylbenzene	10.0	10.3	103		76 - 117
sec-Butylbenzene	10.0	12.0	120		80 - 120
tert-Butylbenzene	10.0	10.7	107		76 - 116
Carbon disulfide	10.0	8.85	89		56 - 104
Carbon tetrachloride	10.0	10.6	106		80 - 120
Chlorobenzene	10.0	10.2	102		78 - 118
Chlorodibromomethane	10.0	10.2	102		76 - 116
Chloroethane	10.0	8.58	86		51 - 133
Chloroform	10.0	9.92	99		78 - 118
Chloromethane	10.0	9.14	91		46 - 142
2-Chlorotoluene	10.0	10.2	102		76 - 116
4-Chlorotoluene	10.0	9.75	98		78 - 118
Dibromomethane	10.0	10.1	101		77 - 117
1,2-Dichlorobenzene	10.0	10.0	100		76 - 116
1,3-Dichlorobenzene	10.0	9.40	94		75 - 115
1,4-Dichlorobenzene	10.0	9.58	96		77 - 117
Dichlorodifluoromethane	10.0	10.0	100		56 - 140

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C300000-102C
Matrix:	WATER	**Lab WorkOrder:**	JR31H1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/27/07 22:08
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethane	10.0	10.1	101		77 - 117
1,2-Dichloroethane	10.0	9.66	97		74 - 120
1,1-Dichloroethene	10.0	11.0	110		68 - 133
cis-1,2-Dichloroethene	10.0	9.80	98		75 - 115
trans-1,2-Dichloroethene	10.0	10.1	101		80 - 120
1,2-Dichloroethene (total)	20.0	19.9	100		78 - 118
1,2-Dichloropropane	10.0	10.3	103		76 - 116
1,3-Dichloropropane	10.0	10.2	102		75 - 115
2,2-Dichloropropane	10.0	10.6	106		72 - 128
1,1-Dichloropropene	10.0	10.6	106		75 - 115
cis-1,3-Dichloropropene	10.0	11.5	115		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	72	70	127	
2037-26-5	Toluene-d8	104	83	125	
1868-53-7	Dibromofluoromethane	97	77	119	
460-00-4	4-Bromofluorobenzene	95	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C160389	**MS Lab Sample ID:**	D7C160379-006S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ80P1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:15
Basis:	Wet	**Date/Time Received:**	03/16/07 15:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 00:10
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	10.0	0.17		9.49	95		77 - 117
1,1,1-Trichloroethane	10.0	0.16		10.2	102		78 - 118
1,1,2,2-Tetrachloroethane	10.0	0.20		9.91	99		73 - 119
1,1,2-Trichloroethane	10.0	0.32		9.58	96		76 - 116
1,1-Dichloroethane	10.0	0.16		10.3	103		77 - 117
1,1-Dichloroethene	10.0	0.14		10.6	106		68 - 133
1,1-Dichloropropene	10.0	0.15		9.94	99		75 - 115
1,2,3-Trichlorobenzene	10.0	0.18		10.1	99		66 - 123
1,2,3-Trichloropropane	10.0	0.27		9.11	91		72 - 120
1,2,4-Trichlorobenzene	10.0	0.32		10.3	103		73 - 121
1,2,4-Trimethylbenzene	10.0	0.14		9.55	96		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	10.0	1.5		9.77	98		65 - 117
1,2-Dibromoethane (EDB)	10.0	0.18		9.49	95		77 - 117
1,2-Dichlorobenzene	10.0	0.13		9.86	99		76 - 116
1,2-Dichloroethane	10.0	0.13		9.52	95		74 - 120
1,2-Dichloroethene (total)	20.0	0.15		19.5	97		78 - 118
1,2-Dichloropropane	10.0	0.13		10.4	104		76 - 116
1,3,5-Trimethylbenzene	10.0	0.14		9.96	100		77 - 117
1,3-Dichlorobenzene	10.0	0.16		9.85	98		75 - 115
1,3-Dichloropropane	10.0	0.15		9.10	91		75 - 115
1,4-Dichlorobenzene	10.0	0.16		9.64	96		77 - 117
2,2-Dichloropropane	10.0	0.20		10.2	102		72 - 128
2-Butanone (MEK)	20.0	1.8		16.9	84		57 - 120
2-Chlorotoluene	10.0	0.17		10.2	102		76 - 116
2-Hexanone	20.0	1.4		17.6	88		57 - 121
2-Pentanone	20.0	0.82		18.6	93		42 - 115
4-Chlorotoluene	10.0	0.17		9.86	99		78 - 118
4-Methyl-2-pentanone	20.0	0.49		17.1	85		65 - 118
Acetone	20.0	1.9		13.8	69		48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C160389	**MS Lab Sample ID:**	D7C160379-006S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ80P1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:15
Basis:	Wet	**Date/Time Received:**	03/16/07 15:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 00:10
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	10.0	0.16		9.98	100		77 - 118
Bromobenzene	10.0	0.17		9.86	99		75 - 115
Bromochloromethane	10.0	0.10		10.8	108		78 - 118
Bromodichloromethane	10.0	0.17		9.83	98		78 - 118
Bromoform	10.0	0.19		9.56	96		74 - 121
Bromomethane	10.0	0.21		9.14	91		42 - 154
Carbon disulfide	10.0	0.45		8.75	88		56 - 104
Carbon tetrachloride	10.0	0.19		10.3	103		80 - 120
Chlorobenzene	10.0	0.17		10.0	100		78 - 118
Chlorodibromomethane	10.0	0.17		10.0	100		76 - 116
Chloroethane	10.0	0.41		10.8	108		51 - 133
Chloroform	10.0	0.16		9.81	98		78 - 118
Chloromethane	10.0	0.30		9.76	98		46 - 142
cis-1,2-Dichloroethene	10.0	0.15		9.62	96		75 - 115
cis-1,3-Dichloropropene	10.0	0.16		10.7	107		76 - 116
Dibromomethane	10.0	0.17		10.2	102		77 - 117
Dichlorodifluoromethane	10.0	0.31		9.49	95		56 - 140
Ethylbenzene	10.0	0.16		9.56	96		78 - 118
Hexachlorobutadiene	10.0	0.12		11.2	112		73 - 123
Isopropylbenzene	10.0	0.19		8.81	88		71 - 111
m-Xylene & p-Xylene	20.0	0.34		19.8	99		78 - 118
Methyl tert-butyl ether	20.0	0.25		14.0	70		58 - 116
Methylene chloride	10.0	0.32		10.1	101		71 - 119
n-Butylbenzene	10.0	0.14		10.3	100		76 - 117
n-Propylbenzene	10.0	0.16		10.4	104		76 - 116
Naphthalene	10.0	1.7		11.2	95		62 - 121
o-Xylene	10.0	0.19		9.60	96		77 - 117
p-Isopropyltoluene	10.0	0.17		9.98	100		76 - 113
sec-Butylbenzene	10.0	0.17		11.7	117		80 - 120

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C160389	**MS Lab Sample ID:**	D7C160379-006S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ80P1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:15
Basis:	Wet	**Date/Time Received:**	03/16/07 15:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 00:10
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Styrene	10.0	0.17		6.46	65	M2	77 - 117
tert-Butylbenzene	10.0	0.16		9.84	98		76 - 116
Tetrachloroethene	10.0	0.20		9.52	93		77 - 117
Toluene	10.0	0.17		9.41	94		73 - 120
trans-1,2-Dichloroethene	10.0	0.15		9.86	99		80 - 120
trans-1,3-Dichloropropene	10.0	0.19		8.80	88		72 - 117
Trichloroethene	10.0	0.16		10.1	101		78 - 122
Trichlorofluoromethane	10.0	0.29		10.3	103		63 - 135
Vinyl acetate	10.0	0.94		10.0	100		63 - 124
Vinyl chloride	10.0	0.17		9.85	98		49 - 136
Xylenes (total)	30.0	0.19		29.4	98		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	73	70	127	
460-00-4	4-Bromofluorobenzene	92	78	118	
1868-53-7	Dibromofluoromethane	97	77	119	
2037-26-5	Toluene-d8	100	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C160389	**MSD Lab Sample ID:**	D7C160379-006D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ80P1AD
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:15
Basis:	Wet	**Date/Time Received:**	03/16/07 15:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 00:29
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	10.0	0.17		10.0	100	5.4		77 - 117	20
1,1,1-Trichloroethane	10.0	0.16		10.4	104	2.1		78 - 118	20
1,1,2,2-Tetrachloroethane	10.0	0.20		10.1	101	2.0		73 - 119	20
1,1,2-Trichloroethane	10.0	0.32		9.74	97	1.7		76 - 116	21
1,1-Dichloroethane	10.0	0.16		10.3	103	0.020		77 - 117	21
1,1-Dichloroethene	10.0	0.14		10.7	107	0.87		68 - 133	20
1,1-Dichloropropene	10.0	0.15		10.5	105	5.7		75 - 115	21
1,2,3-Trichlorobenzene	10.0	0.18		11.3	111	11		66 - 123	29
1,2,3-Trichloropropane	10.0	0.27		10.6	106	15		72 - 120	23
1,2,4-Trichlorobenzene	10.0	0.32		12.2	122	17	M1	73 - 121	25
1,2,4-Trimethylbenzene	10.0	0.14		11.4	114	17		77 - 117	20
1,2-Dibromo-3-chloroprop	10.0	1.5		10.3	103	5.7		65 - 117	22
1,2-Dibromoethane (EDB)	10.0	0.18		9.68	97	1.9		77 - 117	20
1,2-Dichlorobenzene	10.0	0.13		11.5	115	16		76 - 116	20
1,2-Dichloroethane	10.0	0.13		9.59	96	0.73		74 - 120	20
1,2-Dichloroethene (total)	20.0	0.15		20.0	100	2.6		78 - 118	20
1,2-Dichloropropane	10.0	0.13		10.6	106	1.9		76 - 116	20
1,3,5-Trimethylbenzene	10.0	0.14		10.7	107	7.0		77 - 117	20
1,3-Dichlorobenzene	10.0	0.16		11.0	110	11		75 - 115	20
1,3-Dichloropropane	10.0	0.15		9.96	100	9.0		75 - 115	20
1,4-Dichlorobenzene	10.0	0.16		10.7	107	11		77 - 117	23
2,2-Dichloropropane	10.0	0.20		10.6	106	4.0		72 - 128	24
2-Butanone (MEK)	20.0	1.8		19.4	97	14		57 - 120	32
2-Chlorotoluene	10.0	0.17		11.1	111	8.9		76 - 116	20
2-Hexanone	20.0	1.4		19.4	97	9.8		57 - 121	25

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C160389	**MSD Lab Sample ID:**	D7C160379-006D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ80P1AD
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:15
Basis:	Wet	**Date/Time Received:**	03/16/07 15:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 00:29
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Pentanone	20.0	0.82		18.4	92	1.1		42 - 115	26
4-Chlorotoluene	10.0	0.17		11.0	110	11		78 - 118	20
4-Methyl-2-pentanone	20.0	0.49		19.5	98	13		65 - 118	22
Acetone	20.0	1.9		15.9	79	14		48 - 130	41
Benzene	10.0	0.16		10.0	100	0.24		77 - 118	20
Bromobenzene	10.0	0.17		10.4	104	5.6		75 - 115	20
Bromochloromethane	10.0	0.10		11.1	111	2.2		78 - 118	20
Bromodichloromethane	10.0	0.17		9.96	100	1.3		78 - 118	20
Bromoform	10.0	0.19		9.79	98	2.4		74 - 121	21
Bromomethane	10.0	0.21		9.60	96	4.9		42 - 154	24
Carbon disulfide	10.0	0.45		9.27	93	5.7		56 - 104	20
Carbon tetrachloride	10.0	0.19		10.4	104	1.6		80 - 120	21
Chlorobenzene	10.0	0.17		10.3	103	2.8		78 - 118	20
Chlorodibromomethane	10.0	0.17		10.3	103	2.3		76 - 116	20
Chloroethane	10.0	0.41		9.41	94	13		51 - 133	25
Chloroform	10.0	0.16		9.77	98	0.36		78 - 118	20
Chloromethane	10.0	0.30		10.1	101	3.7		46 - 142	24
cis-1,2-Dichloroethene	10.0	0.15		9.69	97	0.72		75 - 115	20
cis-1,3-Dichloropropene	10.0	0.16		10.6	106	0.92		76 - 116	20
Dibromomethane	10.0	0.17		9.85	98	3.5		77 - 117	20
Dichlorodifluoromethane	10.0	0.31		10.3	103	8.2		56 - 140	24
Ethylbenzene	10.0	0.16		10.3	103	7.6		78 - 118	26
Hexachlorobutadiene	10.0	0.12		12.1	121	7.8		73 - 123	25
Isopropylbenzene	10.0	0.19		9.54	95	8.0		71 - 111	20
m-Xylene & p-Xylene	20.0	0.34		20.0	100	0.89		78 - 118	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C160389	**MSD Lab Sample ID:**	D7C160379-006D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ80P1AD
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:15
Basis:	Wet	**Date/Time Received:**	03/16/07 15:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/27/07 20:50
QC Batch ID:	7089102	**Date/Time Analyzed:**	03/28/07 00:29
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Methyl tert-butyl ether	20.0	0.25		13.4	67	4.2		58 - 116	21
Methylene chloride	10.0	0.32		10.4	104	2.6		71 - 119	20
n-Butylbenzene	10.0	0.14		11.8	115	13		76 - 117	21
n-Propylbenzene	10.0	0.16		11.1	111	6.5		76 - 116	20
Naphthalene	10.0	1.7		12.3	106	9.1		62 - 121	32
o-Xylene	10.0	0.19		9.84	98	2.4		77 - 117	20
p-Isopropyltoluene	10.0	0.17		11.6	116	15	M1	76 - 113	20
sec-Butylbenzene	10.0	0.17		13.3	133	12	M1	80 - 120	21
Styrene	10.0	0.17		7.18	72	11	M2	77 - 117	20
tert-Butylbenzene	10.0	0.16		11.6	116	17		76 - 116	21
Tetrachloroethene	10.0	0.20		9.81	96	3.0		77 - 117	20
Toluene	10.0	0.17		9.80	98	4.0		73 - 120	20
trans-1,2-Dichloroethene	10.0	0.15		10.3	103	4.5		80 - 120	24
trans-1,3-Dichloropropene	10.0	0.19		9.27	93	5.2		72 - 117	20
Trichloroethene	10.0	0.16		10.5	105	4.3		78 - 122	20
Trichlorofluoromethane	10.0	0.29		11.0	110	6.7		63 - 135	20
Vinyl acetate	10.0	0.94		9.50	95	5.4		63 - 124	24
Vinyl chloride	10.0	0.17		9.84	98	0.070		49 - 136	24
Xylenes (total)	30.0	0.19		29.8	99	1.4		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	76	70	127	
460-00-4	4-Bromofluorobenzene	92	78	118	
1868-53-7	Dibromofluoromethane	97	77	119	
2037-26-5	Toluene-d8	103	83	125	

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	RR7659.D
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C300000-102B
Matrix:	WATER	**Lab Work Order:**	JR31H1AA
Analysis Method:	8260B	**Date/Time Extracted:**	03/27/07 20:50
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	03/27/07 22:46
QC Batch ID:	7089102	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
LAB MS/MSD MS	JQ80P1AC S	RR7659.D	03/28/07	00:10
LAB MS/MSD MSD	JQ80P1AD D	RR7660.D	03/28/07	00:29
PL-509-7A1	JQ84P1AA	RR7663.D	03/28/07	01:26
ASE-49B-7A1	JQ85Q1AA	RR7664.D	03/28/07	01:45
PL-508-7A1	JQ85T1AA	RR7665.D	03/28/07	02:04
CHECK SAMPLE	JR31H1AC C	RR7653A.	03/27/07	22:08

STL

Semivolatile GC

Lot ID: D7C160389

Client: CH2M Hill

Method: SW846 8015B DRO

Associated Samples: 003 - 013, 019

Batch: 7079210

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-125A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-003
Matrix:	WATER	**Lab WorkOrder:**	JQ84C1AC
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 23:23
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/23/07 05:51
Sample Aliquot:	851 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	114	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-95A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-004
Matrix:	WATER	**Lab WorkOrder:**	JQ84F1AC
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 00:34
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/23/07 06:18
Sample Aliquot:	950 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.036**	0.032	0.25	E4	J
Q2210	TPH C10-C32	**0.037**	0.032	0.25	E4	J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50	E8	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	114	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-124A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-005
Matrix:	WATER	**Lab WorkOrder:**	JQ84H1AC
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 01:13
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/23/07 06:45
Sample Aliquot:	894 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	112	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-006
Matrix:	WATER	**Lab WorkOrder:**	JQ84K1AC
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/23/07 07:12
Sample Aliquot:	831 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25	S3 E8	
Q2210	TPH C10-C32	**0.051**	0.032	0.25	S3 E4	J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50	S3 E8	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	171	48	117		*

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-96A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-007
Matrix:	WATER	**Lab WorkOrder:**	JQ84M1AC
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 01:54
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/23/07 08:34
Sample Aliquot:	824 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.10**	0.032	0.25	E4	J
Q2210	TPH C10-C32	**0.10**	0.032	0.25	E4	J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50	E8	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	107	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-106A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-008
Matrix:	WATER	**Lab WorkOrder:**	JQ84N1AC
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 05:49
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/23/07 09:01
Sample Aliquot:	849 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25	S1	
Q2210	TPH C10-C32	ND	0.032	0.25	S1	
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50	S1	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	121	48	117		*

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-509-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-009
Matrix:	WATER	**Lab WorkOrder:**	JQ84P1AC
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 05:59
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/23/07 09:28
Sample Aliquot:	864 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	115	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-122A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-010
Matrix:	WATER	**Lab WorkOrder:**	JQ84R1AC
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 06:29
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/23/07 09:55
Sample Aliquot:	951 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	114	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-114A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-011
Matrix:	WATER	**Lab WorkOrder:**	JQ84V1AC
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 02:37
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/23/07 11:17
Sample Aliquot:	886 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	113	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-123A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-012
Matrix:	WATER	**Lab WorkOrder:**	JQ84W1AC
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 07:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/23/07 11:44
Sample Aliquot:	866 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	111	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-109A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-013
Matrix:	WATER	**Lab WorkOrder:**	JQ8421AC
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 08:34
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/23/07 12:11
Sample Aliquot:	878 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25	S1	
Q2210	TPH C10-C32	ND	0.032	0.25	S1	
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50	S1	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84[illegible]5-1	o-Terphenyl	121	48	117		*

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-66A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-019
Matrix:	WATER	**Lab WorkOrder:**	JQ85G1AC
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 10:57
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/23/07 12:38
Sample Aliquot:	971 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	116	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C200000-210B
Matrix:	WATER	**Lab WorkOrder:**	JRDG61AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11:00
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/22/07 21:20
Sample Aliquot:	1000 mL	**Instrument ID:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1767	Diesel Range Organics (C10-C28)	0.032	0.032	0.25	
Q1770	TPH quantitated as Motor Oil(C24-C36)	0.056	0.056	0.50	
Q2210	TPH C10-C32	0.032	0.032	0.25	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	86	48	117	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09KI01

Lot/SDG Number: D7C160389 **QC Batch ID:** 7079210

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-109A-7A1	JQ8421AC	121 *								1
ASE-125A-7A1	JQ84C1AC	114								0
ASE-95A-7A1	JQ84F1AC	114								0
ASE-124A-7A1	JQ84H1AC	112								0
ASE-128A-7A1	JQ84K1AC	171 *								1
ASE-128A-7A1 MS	JQ84K1AG	101								0
ASE-128A-7A1 MSD	JQ84K1AH	100								0
ASE-96A-7A1	JQ84M1AC	107								0
ASE-106A-7A1	JQ84N1AC	121 *								1
PL-509-7A1	JQ84P1AC	115								0
ASE-122A-7A1	JQ84R1AC	114								0
ASE-114A-7A1	JQ84V1AC	113								0
ASE-123A-7A1	JQ84W1AC	111								0
ASE-66A-7A1	JQ85G1AC	116								0
INTRA-LAB BLANK	JRDG61AA	86								0
CHECK SAMPLE	JRDG61AC	86								0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	o-Terphenyl	50	115

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C200000-210C
Matrix:	WATER	**Lab WorkOrder:**	JRDG61AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11:00
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/22/07 21:47
Sample Aliquot:	1000 mL	**Instrument ID:**	Z2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Diesel Range Organics	2.00	1.46	73		54 - 115
TPH C10 - C36	2.00	1.46	73		57 - 115
TPH C10 - C28	2.00	1.46	73		57 - 115
Diesel Range Organics (C10-C28)	2.00	1.46	73		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	86	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7A1
Lot/SDG Number:	D7C160389	**MS Lab Sample ID:**	D7C160389-006S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ84K1AG
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11:00
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/23/07 07:40
MS Sample Aliquot:	873 mL	**Instrument ID:**	Z2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Diesel Range Organics (C10-C28)	2.29	0.032	S3	2.10	92		50 - 115
TPH C10 - C28	2.29	0.032		2.10	92		50 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	101	48	117	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7A1
Lot/SDG Number:	D7C160389	**MSD Lab Sample ID:**	D7C160389-006D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ84K1AH
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 11:00
QC Batch ID:	7079210	**Date/Time Analyzed:**	03/23/07 08:07
MSD Sample Aliquot:	859 mL	**Instrument ID:**	Z2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Diesel Range Organics (C1	2.33	0.032	S3	2.19	94	4.3		50 - 115	31
TPH C10 - C28	2.23	0.032		2.19	98	4.3		50 - 115	31

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	100	48	117	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	053F5301.
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C200000-210B
Matrix:	WATER	**Lab Work Order:**	JRDG61AA
Analysis Method:	8015B	**Date/Time Extracted:**	03/20/07 11:00
Extraction Method:	I09KI01	**Date/Time Analyzed:**	03/22/07 21:20
QC Batch ID:	7079210	**Instrument ID:**	Z2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-109A-7A1	JQ8421AC	053F5301.	03/23/07	12:11
ASE-125A-7A1	JQ84C1AC	039F3901.	03/23/07	05:51
ASE-95A-7A1	JQ84F1AC	040F4001.	03/23/07	06:18
ASE-124A-7A1	JQ84H1AC	041F4101.	03/23/07	06:45
ASE-128A-7A1	JQ84K1AC	042F4201.	03/23/07	07:12
ASE-128A-7A1 MS	JQ84K1AG S	043F4301.	03/23/07	07:40
ASE-128A-7A1 MSD	JQ84K1AH D	044F4401.	03/23/07	08:07
ASE-96A-7A1	JQ84M1AC	045F4501.	03/23/07	08:34
ASE-106A-7A1	JQ84N1AC	046F4601.	03/23/07	09:01
PL-509-7A1	JQ84P1AC	047F4701.	03/23/07	09:28
ASE-122A-7A1	JQ84R1AC	048F4801.	03/23/07	09:55
ASE-114A-7A1	JQ84V1AC	051F5101.	03/23/07	11:17
ASE-123A-7A1	JQ84W1AC	052F5201.	03/23/07	11:44
ASE-66A-7A1	JQ85G1AC	054F5401.	03/23/07	12:38
CHECK SAMPLE	JRDG61AC C	028F2801.	03/22/07	21:47

STL

HPLC

Lot ID: D7C160389

Client: CH2M Hill

Method: SW846 8310

Associated Samples: 003, 005, 006, 010, 012

Batch: 7078396

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-125A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-003
Matrix:	WATER	**Lab WorkOrder:**	JQ84C1AD
% Moisture:	N/A	**Date/Time Collected:**	03/14/07 23:23
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 12:36
Sample Aliquot:	888 mL	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
83-32-9	Acenaphthene	ND	1.0		
208-96-8	Acenaphthylene	ND	1.0		
120-12-7	Anthracene	ND	0.30		
56-55-3	Benzo(a)anthracene	ND	0.20		
50-32-8	Benzo(a)pyrene	ND	0.20		
205-99-2	Benzo(b)fluoranthene	ND	0.20		
191-24-2	Benzo(ghi)perylene	ND	0.20		
207-08-9	Benzo(k)fluoranthene	ND	0.10		
218-01-9	Chrysene	ND	0.20		
53-70-3	Dibenzo(a,h)anthracene	ND	0.30		
206-44-0	Fluoranthene	ND	0.40		
86-73-7	Fluorene	ND	0.30		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20		
91-20-3	Naphthalene	ND	1.0		
85-01-8	Phenanthrene	ND	0.30		
129-00-0	Pyrene	ND	0.20		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
1718-51-0	Terphenyl-d14	95	70	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-124A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-005
Matrix:	WATER	**Lab WorkOrder:**	JQ84H1AD
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 01:13
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 13:07
Sample Aliquot:	925 mL	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
83-32-9	Acenaphthene	ND	1.0		
208-96-8	Acenaphthylene	ND	1.0		
120-12-7	Anthracene	ND	0.30		
56-55-3	Benzo(a)anthracene	ND	0.20		
50-32-8	Benzo(a)pyrene	ND	0.20		
205-99-2	Benzo(b)fluoranthene	ND	0.20		
191-24-2	Benzo(ghi)perylene	ND	0.20		
207-08-9	Benzo(k)fluoranthene	ND	0.10		
218-01-9	Chrysene	ND	0.20		
53-70-3	Dibenzo(a,h)anthracene	ND	0.30		
206-44-0	Fluoranthene	ND	0.40		
86-73-7	Fluorene	ND	0.30		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20		
91-20-3	Naphthalene	ND	1.0		
85-01-8	Phenanthrene	ND	0.30		
129-00-0	Pyrene	ND	0.20		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
1718-51-0	Terphenyl-d14	96	70	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-006
Matrix:	WATER	**Lab WorkOrder:**	JQ84K1AD
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 13:37
Sample Aliquot:	907 mL	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
83-32-9	Acenaphthene	ND	1.0		
208-96-8	Acenaphthylene	ND	1.0		
120-12-7	Anthracene	ND	0.30		
56-55-3	Benzo(a)anthracene	ND	0.20		
50-32-8	Benzo(a)pyrene	ND	0.20		
205-99-2	Benzo(b)fluoranthene	ND	0.20		
191-24-2	Benzo(ghi)perylene	ND	0.20		
207-08-9	Benzo(k)fluoranthene	ND	0.10		
218-01-9	Chrysene	ND	0.20		
53-70-3	Dibenzo(a,h)anthracene	ND	0.30		
206-44-0	Fluoranthene	ND	0.40		
86-73-7	Fluorene	ND	0.30		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20		
91-20-3	Naphthalene	ND	1.0		
85-01-8	Phenanthrene	ND	0.30		
129-00-0	Pyrene	ND	0.20		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
1718-51-0	Terphenyl-d14	95	70	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-122A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-010
Matrix:	WATER	**Lab WorkOrder:**	JQ84R1AD
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 06:29
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 15:39
Sample Aliquot:	909 mL	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
83-32-9	Acenaphthene	ND	1.0		
208-96-8	Acenaphthylene	ND	1.0		
120-12-7	Anthracene	ND	0.30		
56-55-3	Benzo(a)anthracene	ND	0.20		
50-32-8	Benzo(a)pyrene	ND	0.20		
205-99-2	Benzo(b)fluoranthene	ND	0.20		
191-24-2	Benzo(ghi)perylene	ND	0.20		
207-08-9	Benzo(k)fluoranthene	ND	0.10		
218-01-9	Chrysene	ND	0.20		
53-70-3	Dibenzo(a,h)anthracene	ND	0.30		
206-44-0	Fluoranthene	ND	0.40		
86-73-7	Fluorene	ND	0.30		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20		
91-20-3	Naphthalene	ND	1.0		
85-01-8	Phenanthrene	ND	0.30		
129-00-0	Pyrene	ND	0.20		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
1718-51-0	Terphenyl-d14	100	70	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-123A-7A1
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C160389-012
Matrix:	WATER	**Lab WorkOrder:**	JQ84W1AD
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 07:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/25/07 04:16
Sample Aliquot:	856 mL	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
83-32-9	Acenaphthene	ND	1.0		
208-96-8	Acenaphthylene	ND	1.0		
120-12-7	Anthracene	ND	0.30		
56-55-3	Benzo(a)anthracene	ND	0.20		
50-32-8	Benzo(a)pyrene	ND	0.20		
205-99-2	Benzo(b)fluoranthene	ND	0.20		
191-24-2	Benzo(ghi)perylene	ND	0.20		
207-08-9	Benzo(k)fluoranthene	ND	0.10		
218-01-9	Chrysene	ND	0.20		
53-70-3	Dibenzo(a,h)anthracene	ND	0.30		
206-44-0	Fluoranthene	ND	0.40		
86-73-7	Fluorene	ND	0.30		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20		
91-20-3	Naphthalene	ND	1.0		
85-01-8	Phenanthrene	ND	0.30		
129-00-0	Pyrene	ND	0.20		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
1718-51-0	Terphenyl-d14	103	70	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C190000-396B
Matrix:	WATER	**Lab WorkOrder:**	JRCE41AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 10:03
Sample Aliquot:	1000 mL	**Instrument ID:**	G1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
83-32-9	Acenaphthene	0.043	0.043	1.0	
120-12-7	Anthracene	0.061	0.061	0.30	
206-44-0	Fluoranthene	0.081	0.081	0.40	
86-73-7	Fluorene	0.099	0.099	0.30	
193-39-5	Indeno(1,2,3-cd)pyrene	0.047	0.047	0.20	
91-20-3	Naphthalene	0.056	0.056	1.0	
56-55-3	Benzo(a)anthracene	0.032	0.032	0.20	
205-99-2	Benzo(b)fluoranthene	0.053	0.053	0.20	
207-08-9	Benzo(k)fluoranthene	0.023	0.023	0.10	
191-24-2	Benzo(ghi)perylene	0.020	0.020	0.20	
50-32-8	Benzo(a)pyrene	0.053	0.053	0.20	
85-01-8	Phenanthrene	0.095	0.095	0.30	
129-00-0	Pyrene	0.043	0.043	0.20	
53-70-3	Dibenzo(a,h)anthracene	0.055	0.055	0.30	
208-96-8	Acenaphthylene	0.043	0.043	1.0	
218-01-9	Chrysene	0.028	0.028	0.20	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	100	70	115	

Form 1 Prep Blank Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09SG01

Lot/SDG Number: D7C160389 **QC Batch ID:** 7078396

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-125A-7A1	JQ84C1AD	95								0
ASE-124A-7A1	JQ84H1AD	96								0
ASE-128A-7A1	JQ84K1AD	95								0
ASE-128A-7A1 MS	JQ84K1AJ	98								0
ASE-128A-7A1 MSD	JQ84K1AK	101								0
ASE-122A-7A1	JQ84R1AD	100								0
ASE-123A-7A1	JQ84W1AD	103								0
INTRA-LAB BLANK	JRCE41AA	100								0
CHECK SAMPLE	JRCE41AC	101								0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	Terphenyl-d14	70	115

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C190000-396C
Matrix:	WATER	**Lab WorkOrder:**	JRCE41AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 10:33
Sample Aliquot:	1000 mL	**Instrument ID:**	G1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Fluorene	20.0	21.0	105		58 - 116
Indeno(1,2,3-cd)pyrene	20.0	21.5	107		72 - 115
Naphthalene	20.0	16.9	84		56 - 115
Benzo(a)pyrene	20.0	21.8	109		68 - 115
Pyrene	20.0	21.9	110		72 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	101	70	115	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7A1
Lot/SDG Number:	D7C160389	**MS Lab Sample ID:**	D7C160389-006S
Matrix:	WATER	**MS Lab WorkOrder:**	JQ84K1AJ
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 14:38
MS Sample Aliquot:	843 mL	**Instrument ID:**	G1
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzo(a)pyrene	23.7	0.053		24.6	104		68 - 115
Fluorene	23.7	0.099		25.7	108		58 - 116
Indeno(1,2,3-cd)pyrene	23.7	0.047		22.5	95		72 - 115
Naphthalene	23.7	0.056		22.0	93		56 - 115
Pyrene	23.7	0.043		25.5	107		72 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	98	70	115	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7A1
Lot/SDG Number:	D7C160389	**MSD Lab Sample ID:**	D7C160389-006D
Matrix:	WATER	**MSD Lab WorkOrder:**	JQ84K1AK
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 03:48
Basis:	Wet	**Date/Time Received:**	03/16/07 08:45
Analysis Method:	8310	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/19/07 14:15
QC Batch ID:	7078396	**Date/Time Analyzed:**	03/21/07 15:09
MSD Sample Aliquot:	819 mL	**Instrument ID:**	G1
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Benzo(a)pyrene	24.4	0.053		24.9	102	1.3		68 - 115	20
Fluorene	24.4	0.099		27.4	112	6.4		58 - 116	27
Indeno(1,2,3-cd)pyrene	24.4	0.047		22.8	93	1.2		72 - 115	20
Naphthalene	24.4	0.056		23.7	97	7.7		56 - 115	21
Pyrene	24.4	0.043		26.8	110	5.2		72 - 115	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1718-51-0	Terphenyl-d14	101	70	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	40
Lot/SDG Number:	D7C160389	**Lab Sample ID:**	D7C190000-396B
Matrix:	WATER	**Lab Work Order:**	JRCE41AA
Analysis Method:	8310	**Date/Time Extracted:**	03/19/07 14:15
Extraction Method:	I09SG01	**Date/Time Analyzed:**	03/21/07 10:03
QC Batch ID:	7078396	**Instrument ID:**	G1

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-125A-7A1	JQ84C1AD	40	03/21/07	12:36
ASE-124A-7A1	JQ84H1AD	41	03/21/07	13:07
ASE-128A-7A1	JQ84K1AD	42	03/21/07	13:37
ASE-128A-7A1 MS	JQ84K1AJ S	43	03/21/07	14:38
ASE-128A-7A1 MSD	JQ84K1AK D	44	03/21/07	15:09
ASE-122A-7A1	JQ84R1AD	45	03/21/07	15:39
ASE-123A-7A1	JQ84W1AD	53	03/25/07	04:16
CHECK SAMPLE	JRCE41AC C	36	03/21/07	10:33

NH 3.16.07 [illegible]

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC # : 37380_070315B
Page 1 of 1

Lab Use Only
Project No:
Job No.

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: ~~Mike Wiese~~ Rich Randall
Project Number:

Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐

Normal TAT

	Sample Identification: Location ID	Field Sample ID	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS / MSD	Filtered Sample	Unfiltered Sample	SW8015	SW8260	SW8310	LEVEL IV		Lab Sample Numbers
1	Trip Blank	TB-031507B 14	Mar ~~15~~ 2007	2230	BLKWATER	WATER	2~~3~~	X			X		X		X	Time = 2230	
2	ASE-35A	ASE-35A-7A1	Mar 15 2007	0430	GW	WATER	3	X			X		X		X		
3	ASE-125A	ASE-125A-7A1 14	Mar ~~15~~ 2007	2323	GW	WATER	6~~7~~	X			X	X	X	X	X	# 1 Amber Bottle in Packing	
4	ASE-95A	ASE-95A-7A1 15	Mar ~~15~~ 2007	0034	GW	WATER	5	X			X	X	X		X		
5	ASE-124A	ASE-124A-7A1	Mar 15 2007	0113	GW	WATER	7	X			X	X	X	X	X		
6	ASE-128A	ASE-128A-7A1	Mar 15 2007	0348	GW	WATER	17	X	X		X	X	X	X	X		
7	ASE-96A	ASE-96A-7A1	Mar 15 2007	0154	GW	WATER	5	X			X	X	X		X		
8	ASE-106A	ASE-106A-7A1	Mar 15 2007	0549	GW	WATER	5	X			X	X	X		X		
9	FIELDQC	PL-509-7A1	Mar 15 2007	0559	GW	WATER	5	X			X	X	X		X		
~~10~~	~~ASE-107A~~	~~ASE-107A-7A1~~	~~Mar 15 2007~~		~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~				
~~11~~	~~ASE-113A~~	~~ASE-113A-7A1~~	~~Mar 15 2007~~		~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~				
12	ASE-122A	ASE-122A-7A1	Mar 15 2007	0629	GW	WATER	7	X			X	X	X	X	X		
13	ASE-114A	ASE-114A-7A1	Mar 15 2007	0237	GW	WATER	5	X			X	X	X		X		
14	ASE-123A	ASE-123A-7A1	Mar 15 2007	0748	GW	WATER	7	X			X	X	X	X	X		
15	ASE-109A	ASE-109A-7A1	Mar 15 2007	0834	GW	WATER	5	X			X	X	X		X		
~~16~~	~~ASE-110A~~	~~ASE-110A-7A1~~	~~Mar 15 2007~~		~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~		~~X~~		
17																	
18	ASE36A	ASE-36A-7A1	3/15	0501	GW	WTR	3	X			X		X		X		
19																	
20																	
21																	
22																	
23																	

Special Instructions: Standard TAT 10 days.

Relinquished by:	Company:	Date/Time:	Received by:	Company:
[signature]	HHA	03/15/07 1500		Fed Ex
		3/16/07 0845	[signature]	STL

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC # : 37380_070314A
Page 1 of 1
Lab Use Only
Project No.:
Job No.

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: ~~Mike Wiese~~ Jeff Yentes
Project Number:
Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐
Normal TAT

Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

	Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS / MSD	Filtered Sample	Unfiltered Sample	SW8015	SW8260	Lab Sample Numbers
	Location ID	Field Sample ID												
1	Trip Blank	TB-031407A	Mar 14 2007	0600	BLKWATER	WATER	23	X			X		X	
2	ASE-20B	ASE-20B-7A1	Mar 14 2007	0639	GW	WATER	3	X			X		X	
3	ASE-20C	ASE-20C-7A1	Mar 14 2007	0741	GW	WATER	3	X			X		X	
4	ASE-44B	ASE-44B-7A1	Mar 14 2007	1023	GW	WATER	3	X			X		X	
5	ASE-66A	ASE-66A-7A1	Mar 14 2007	1057	GW	WATER	5	X			X	X	X	
6	ASE-48B	ASE-48B-7A1	Mar 14 2007	1138	GW	WATER	3	X			X		X	
7	ASE-19B	ASE-19B-7A1	Mar 14 2007	1504	GW	WATER	3	X			X		X	
8	ASE-19C	ASE-19C-7A1	Mar 14 2007	1420	GW	WATER	3	X			X		X	
9	ASE-49B	ASE-49B-7A1	Mar 14 2007	1536	GW	WATER	3	X			X		X	
10	FIELDQC	PL-508-7A1	Mar 14 2007	1546	GW	WATER	3	X			X		X	
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														

Special Instructions: Standard TAT 10 days.

Relinquished by:	Company:	Date/Time:	Received by:	Company:
	H/FA	03/15/07 1600		FED EX
Relinquished by:	Company:	Date/Time:	Received by:	Company:
		3/16/07 0845		STL
Relinquished by:	Company:	Date/Time:	Received by:	Company:

STL Denver

Sample Receiving Checklist

Lot #: D7 C160 589 Date/Time Received: 3/16/07 0845

Company Name & Sampling Site: CH2M Hill / Honeywell

PM to Complete This Section: *Yes* *No*
Residual chlorine check required: ☐ ☐

Quarantined : *Yes* ☐ *No* ☐

Quote #:

Special Instructions:

Time Zone:
• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): 1 | | | | | | | |

Temperatures (°C): 1.3° | 1.2° | 1.6° | 3.1° | | | | |

N/A	*Yes*	*No*		*Initials*
☐	☑	☐	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	
	☑	☐	2. Chain of custody present? If no, document on CUR.	
	☑	☐	3. Bottles broken and/or are leaking? If yes, document on CUR.	
	☐	☑	4. Multiphasic samples obvious? If yes, document on CUR.	
	☑	☐	5. Proper container & preservatives used? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR.	
☑	☐	☐	6. pH of all samples checked and meet requirements? If no, document on CUR.	
	☑	☐	7. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.	
	☑	☐	8. Did chain of custody agree with labels ID and samples received? If no, document on CUR.	
☐	☑	☐	9. Were VOA samples without headspace? If no, document on CUR.	
☐	☑	☐	10. Were VOA vials preserved? Preservative ☑HCl ☐4±2°C ☐Sodium Thiosulfate ☐ Ascorbic Acid	
	☐	☑	11. Did samples require preservation with sodium thiosulfate?	
☑	☐	☐	12. If yes to #11, did the samples contain residual chlorine? If yes, document on CUR.	
☑	☐	☐	13. Sediment present in dissolved/filtered bottles? If yes, document on CUR.	
☐	☑	☐	14. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☐	☑	15. Receipt date(s) > 48 hours past the collection date(s)? If yes, notify PA/PM.	
	☐	☑	16. Are analyses with short holding times requested?	
	☐	☑	17. Was a quick Turn Around (TAT) requested?	

STL Denver

Sample Receiving Checklist

Lot # D7C160389

Login Checks:

Initials [illegible]

N/A	Yes	No		
	☑	☐	18.	Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.
☐	☑	☐	19.	Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.
	☑	☐	20.	Did the chain of custody includes "received by" and "relinquished" by signatures, dates, and times?
☐	☑	☐	21.	Were special log in instructions read and followed?
☑	☐	☐	22.	Were AFCEE metals logged for refrigerated storage?
	☑	☐	23.	Were tests logged checked against the COC? Which samples were confirmed? All
☑	☐	☐	24.	Was a Rush form completed for quick TAT?
☑	☐	☐	25.	Was a Short Hold form completed for any short holds?
	☐	☑	26.	Is "Strict ICOC" required?
	☐	☑	27.	Were special archiving instructions indicated in the General Comments? If so, what were they?

Labeling and Storage Checks:

Initials PS

☑	☐	☐	28.	Was the subcontract COC signed and sent with samples to bottle prep?
	☑	☐	29.	Were sample labels double-checked by a second person?
☑	☐	☐	30.	Were sample bottles and COC double checked for dissolved/filtered metals by a second person?
	☑	☐	31.	Did the sample ID, Date, and Time from label match what was logged?
☑	☐	☐	32.	Were stickers for special archiving instructions affixed to each box and to the ICOC? See #27
☑	☐	☐	33.	Were AFCEE metals stored refrigerated?
☑	☐	☐	34.	Were "Strict ICOC" copies given to satellite storage areas?

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR).

Report

First Quarter Status Report for 2007

Honeywell 34th Street Facility
Facility ID No. 0-002227
LUST File Nos. 0393.02-.10, .15-.17

Volume 2 of 2

Prepared for

Honeywell International Inc.

May 2007

REGISTERED GEOLOGIST
CERTIFICATE NO.
35022
ROBERT J.
FRANK
Date Signed 5/23/07
ARIZONA U.S.A.

Prepared by

CH2MHILL

Appendix B (continued)
Data Validation and
Laboratory Analytical Reports

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Honeywell GW Program

Lot #: D7C190124

Daniel Moore

CH2M Hill, Inc
727 North First Street
Suite 400
St Louis, MO 63102

STL DENVER

Karen Kuoppala
Project Manager

April 19, 2007
Revised April 24, 2007
Revised April 26, 2007

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	

- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative
Lot D7C190124

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted.

The test results presented in this report meet all requirements of NELAC, and any exceptions are noted. This report shall not be reproduced, except in full, without written permission from the laboratory.

This report was revised to include p-isopropyltoluene on samples D7C190124-013 and 019. This parameter was inadvertently deleted by the laboratory.

Sample Receiving
Thirty samples were received at STL Denver on March 19, 2007. The samples were received in good condition at temperatures of 5.6°C and 4.7°C.

Please note that sample ASE-36A-7A1 was not received in the shipment as indicated on the accompanying chain of custody. An updated chain of custody was provided by the client via email and is included in this report with the original.

This report has been revised to correct the sample identifier for BC-12-7A-1 as per the client request to BC-9-7A1. An amended chain of custody was provided by the client and is included in this package.

GCMS Volatiles – SW846 8260B
Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to analytes present above the linear calibration range, samples D7C190124-010, -014, -017, -018, and -026 were analyzed at dilutions. The reporting limits have been adjusted relative to the dilutions required. Associated results have been flagged "D2" as per the Arizona DHS.

The MS/MSD associated with batch 7089105 was performed on sample D7C190124-013 and exhibited spike compound recoveries outside the control limits for Chlorodibromomethane, Ethylbenzene, and o-Xylene. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines. Associated results have been flagged "M1" or "M2"as appropriate as per the Arizona DHS.

The MS/MSD associated with batch 7089109 was performed on sample D7C190124-019 and exhibited spike compound recoveries outside the control limits for Vinyl acetate, Styrene, and Methyl tert-butyl ether. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines. Associated results have been flagged "M1" or "M2"as appropriate as per the Arizona DHS.

GC Semivolatiles Diesel Range Organics – SW846 8015B
The requested carbon ranges for DRO include the range from C10 to C32. The summation of C10 to C28 and C24 to C36 were used to calculate the reported results for C10 to C32.

Matrix spikes were not requested for the samples in this lot.

Quality Control Definitions of Terms

Term	Definition
Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. A LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. An LCSD is a second Laboratory Control Sample.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MSs/MSDs are carried throughout the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.
Sample Duplicate	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative of the precision for other samples in the batch.
Method Detection Limit "MDL"	The method detection limit is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from replicate analyses of low level standards in a typical representative matrix.
Reporting Limit "RL"	The STL reporting limit is normally the lowest level at which measurements become quantitatively meaningful, ie., the quantitation limit, which is approximately three times the MDL. Some projects require RLs that are less than the quantitation limit to achieve particular maximum contaminant levels (MCLs) or relevant and appropriate requirements (ARARs), but RLs cannot be less than the statistically determined MDL.

Quality Control Definitions of Qualifiers

Qualifier	Definition
*	Surrogate or Relative Percent Difference (RPD) is outside control limits.
a	Spiked analyte recovery is outside control limits.
B	Organics: Method blank contamination. The associated method blank contains the target analyte at a reportable level. Inorganics: Estimated result. Result is less than the RL
COL	More than 40% difference between the primary and confirmation detector results. The lower of the two results is reported.
DIL	The concentration is estimated or not reported due to dilution.
E	Estimated result. Result concentration exceeds the calibration range.
G	Inorganics: Elevated reporting limit. The reporting limit is elevated due to matrix interference.
J	Organics: Estimated result. Result is less than RL Inorganics: Method blank contamination. The associated method blank contains the target analyte at a reportable level.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present
N	Spiked analyte recovery is outside stated control limits.
NC	The recovery and/or RPD were not calculated.
ND	The analyte was not detected at the MDL concentration and with a measurable degree of confidence can be said not to be present at or above the RL concentration.
p	Relative percent difference (RPD) is outside stated control limits.
Q	Elevated reporting limit. The reporting limit is elevated due to high analyte levels.
V	General Chemistry: Elevated reporting limit due to limited sample volume.
Wa	Post digestion spike recovery fell between 40-85% due to matrix interference.
Wb	Post digestion spike recovery fell between 115-150% due to matrix interference.
I	Percent recovery is estimated since the results exceeded the calibration range.
T1	A tentatively identified compound that did not generate a spectral match of 80% or greater. Typically called "unknown"
T2	A tentatively identified compound with a spectral match of 80% or better
T3	A tentatively identified compound that was calibrated for by the lab, but not on the client target analyte list.
IC	Diluted due to high inorganic chloride.

Arizona Data Qualifiers
Revision 2.0

Qualifier	Definition
B1	Target analyte detected in method blank at or above the method reporting limit.
B2	Non-target analyte detected in method blank and sample, producing interference.
B3	Target analyte detected in calibration blank at or above the method reporting limit.
B4	Target analyte detected in blank at/above method acceptance criteria.
B5	Target analyte detected in method blank at or above the method reporting limit, but below trigger level or **MCL**.
B6	Target analyte detected in calibration blank at or above the method reporting limit, but below trigger level or **MCL**.
B7	Target analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10x above the concentration found in the method blank.
C1	Confirmatory analysis not performed as required by the method.
C3	Qualitative confirmation performed.
C4	Confirmatory analysis was past holding time.
C5	Confirmatory analysis was past holding time. Original result not confirmed.
C6	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the higher value was reported as there was no obvious chromatographic interference.
C7	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic interference.
D1	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analytes.
D3	Sample dilution required due to insufficient sample.
D4	Minimum reporting level (MRL) adjusted to reflect sample amount received and analyzed.
E1	Concentration estimated. Analyte exceeded calibration range. Reanalysis is not possible due to insufficient sample.
E2	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to sample matrix.
E3	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL).
E5	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL), but not confirmed by alternate analysis.
E6	Concentration estimated. Internal standard recoveries did not meet method acceptance criteria.
E7	Concentration estimated. Internal standard recoveries did not meet lab acceptance criteria.
E8	Analyte reported to MDL per project specifications. Target analyte was not detected in the sample.

Qualifier	Definition
H1	Sample analysis performed past holding time.
H2	Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
H3	Sample was received and analyzed past holding time.
H4	Sample was extracted past required extraction holding time, but analyzed within analysis holding time.
L1	The associated blank spike recovery was above lab acceptance limits.
L2	The associated blank spike recovery was below lab acceptance limits.
L3	The associated blank spike recovery was above method acceptance limits.
L4	The associated blank spike recovery was below method acceptance limits.
M1	Matrix spike recovery was high; the method control sample recovery was acceptable.
M2	Matrix spike recovery was low; the method control sample recovery was acceptable.
M3	The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to spike level. The method control sample recovery was acceptable.
M4	The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
M5	Analyte concentration was determined by the Method of Standard Addition (MSA).
M6	Matrix spike recovery was high. Data reported per ADEQ policy 0154.000.
M7	Matrix spike recovery was low. Data reported per ADEQ policy 0154.000.
Q1	Sample integrity was not maintained. See case narrative.
Q2	Sample received with head space.
Q3	Sample received with improper chemical preservation.
Q4	Sample received and analyzed without chemical preservation.
Q5	Sample received with inadequate chemical preservation, but preserved by the laboratory.
Q6	Sample was received above recommended temperature.
Q7	Sample inadequately dechlorinated.
Q8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
Q9	Insufficient sample received to meet method QC requirements.
Q10	Sample received in inappropriate sample container.
Q11	Sample is heterogeneous. Sample homogeneity could not be readily achieved using routine laboratory practices.

Qualifier	Definition
R1	RPD exceeded the method control limit. See case narrative.
R2	RPD exceeded the laboratory control limit. See case narrative.
R4	MS/MSD RPD exceeded the method control limit. Recovery met acceptance criteria.
R5	MS/MSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R6	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R8	Sample RPD exceeded the method control limit.
R9	Sample RPD exceeded the laboratory control limit.
R10	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic problems.
R11	The RPD calculation for MS/MSD does not provide useful information due to the varying sample weights when Encore samplers/methanol field preserved samples are used.
S1	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits.
S3	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits. No target analytes were detected in the sample.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.
S5	Surrogate recovery was below laboratory acceptance limits, but within method acceptance limits.
S6	Surrogate recovery was below laboratory and method acceptance limits. Re-extraction and/or reanalysis confirm low recovery caused by matrix effect.
S7	Surrogate recovery was below laboratory and method acceptance limits. Unable to confirm matrix effect.
S8	The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The method control sample recovery was acceptable.
S10	Surrogate recovery was above laboratory and method acceptance limits. See case narrative.
S11	Surrogate recovery was high. Data reported per ADEQ policy 0154.000.
S12	Surrogate recovery was low. Data reported per ADEQ policy 0154.000.
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.
V2	CCV recovery was above method acceptance limits. This target analyte was detected in the sample. The sample could not be reanalyzed due to insufficient sample.
V3	CCV recovery was above method acceptance limits. This target analyte was detected in the sample, but the sample was not reanalyzed. See case narrative.
V4	CCV recovery was below method acceptance limits. The sample could not be reanalyzed due to insufficient sample.

Qualifier	Definition
V5	CCV recovery after a group of samples was above acceptance limits. This target analyte was not detected in the sample. Acceptance per EPA Method 8000B.
V6	Data reported from one-point calibration criteria per ADEQ policy 0155.000.
V7	Calibration verification recovery was above the method control limits for this analyte; however the average % difference or % drift for all the analytes met method criteria.
V8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
W1	The % RSD for this compound was above 20%. The average % RSD for all compounds in the calibration met the 20% criteria as specified in EPA Method 8000B.
W2	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA Method 8260B/8270C

EXECUTIVE SUMMARY - Detection Highlights

D7C190124

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-99A-7A1 03/16/07 13:02 003				
Ethylbenzene	2.0	2.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	6.0	2.0	ug/L	SW846 8260B
Naphthalene	2.3	2.0	ug/L	SW846 8260B
ASE-102A-7A1 03/16/07 13:45 004				
Diesel Range Organics (C10-C28)	0.88	0.25	mg/L	SW846 8015B
TPH C10-C32	0.88	0.25	mg/L	SW846 8015B
1,2,4-Trimethylbenzene	3.9	2.0	ug/L	SW846 8260B
Naphthalene	3.4	2.0	ug/L	SW846 8260B
ASE-101A-7A1 03/16/07 08:16 005				
Methyl tert-butyl ether	15	5.0	ug/L	SW846 8260B
PL-511-7A1 03/16/07 08:26 007				
Methyl tert-butyl ether	15	5.0	ug/L	SW846 8260B
ASE-34B-7A1 03/16/07 11:50 009				
Trichloroethene	1.8	1.0	ug/L	SW846 8260B
ASE-34A-7A1 03/16/07 12:23 010				
Ethylbenzene	70	20	ug/L	SW846 8260B
Isopropylbenzene	26	20	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	340	20	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	63	20	ug/L	SW846 8260B
n-Propylbenzene	33	20	ug/L	SW846 8260B
Naphthalene	170	20	ug/L	SW846 8260B
ASE-79C-7A1 03/16/07 08:33 013				
Tetrachloroethene	4.1	1.0	ug/L	SW846 8260B
Trichloroethene	6.0	1.0	ug/L	SW846 8260B
PL-103C-7A1 03/16/07 07:49 014				
cis-1,2-Dichloroethene	30	13	ug/L	SW846 8260B
Trichloroethene	190	6.7	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7C190124

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PL-103A-7A1 03/16/07 07:25 015				
Chloroform	2.7	2.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	8.0	2.0	ug/L	SW846 8260B
Tetrachloroethene	1.9	1.0	ug/L	SW846 8260B
Trichloroethene	25	1.0	ug/L	SW846 8260B
ASE-29A-7A1 03/16/07 06:10 016				
Trichloroethene	1.5	1.0	ug/L	SW846 8260B
BC-9-7A1 03/16/07 06:45 017				
cis-1,2-Dichloroethene	12	8.0	ug/L	SW846 8260B
Trichloroethene	84	4.0	ug/L	SW846 8260B
ASE-71A-7A1 03/16/07 10:02 018				
1,1-Dichloroethane	11	4.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	16	4.0	ug/L	SW846 8260B
Trichloroethene	71	2.0	ug/L	SW846 8260B
ASE-71B-7A1 03/16/07 11:03 019				
Chloroform	2.3	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	4.4	2.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	9.2	2.0	ug/L	SW846 8260B
Tetrachloroethene	1.1	1.0	ug/L	SW846 8260B
Trichloroethene	41	1.0	ug/L	SW846 8260B
ASE-77A-7A1 03/16/07 13:45 021				
1,1-Dichloroethane	7.8	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	7.3	2.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	11	2.0	ug/L	SW846 8260B
Tetrachloroethene	4.6	1.0	ug/L	SW846 8260B
Trichloroethene	31	1.0	ug/L	SW846 8260B
ASE-43B-7A1 03/15/07 06:32 023				
Trichloroethene	1.8	1.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7C190124

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-45B-7A1 03/15/07 08:17 026				
1,1-Dichloroethane	17	13	ug/L	SW846 8260B
Trichloroethene	11	6.7	ug/L	SW846 8260B
Methyl tert-butyl ether	82	33	ug/L	SW846 8260B
BC-3-7A1 03/15/07 11:05 027				
cis-1,2-Dichloroethene	3.2	2.0	ug/L	SW846 8260B
Tetrachloroethene	1.3	1.0	ug/L	SW846 8260B
Trichloroethene	9.7	1.0	ug/L	SW846 8260B
BC-17-7A1 03/15/07 12:28 028				
Tetrachloroethene	1.1	1.0	ug/L	SW846 8260B
Trichloroethene	5.2	1.0	ug/L	SW846 8260B
ASE-81A-7A1 03/15/07 13:26 029				
Tetrachloroethene	1.4	1.0	ug/L	SW846 8260B
Trichloroethene	4.9	1.0	ug/L	SW846 8260B
PL-510-7A1 03/15/07 13:36 030				
Tetrachloroethene	1.3	1.0	ug/L	SW846 8260B
Trichloroethene	5.1	1.0	ug/L	SW846 8260B

METHODS SUMMARY

D7C190124

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3510
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7C190124

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 8015B	Heather Dybas	038161
SW846 8260B	Josh Yanez	001198

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7C190124

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JRAX1	001	TB-031607B	03/16/07	06:11
JRAX4	002	ASE-98A-7A1	03/16/07	14:24
JRAX6	003	ASE-99A-7A1	03/16/07	13:02
JRAX7	004	ASE-102A-7A1	03/16/07	13:45
JRA0C	005	ASE-101A-7A1	03/16/07	08:16
JRA0F	006	ASE-100A-7A1	03/16/07	10:01
JRA0G	007	PL-511-7A1	03/16/07	08:26
JRA0H	008	ASE-103A-7A1	03/16/07	10:43
JRA0J	009	ASE-34B-7A1	03/16/07	11:50
JRA0N	010	ASE-34A-7A1	03/16/07	12:23
JRA0P	011	ASE-110A-7A1	03/16/07	09:14
JRA0R	012	TB-031607A	03/16/07	06:00
JRA0T	013	ASE-79C-7A1	03/16/07	08:33
JRA0V	014	PL-103C-7A1	03/16/07	07:49
JRA00	015	PL-103A-7A1	03/16/07	07:25
JRA05	016	ASE-29A-7A1	03/16/07	06:10
JRA07	017	BC-9-7A1	03/16/07	06:45
JRA09	018	ASE-71A-7A1	03/16/07	10:02
JRA1D	019	ASE-71B-7A1	03/16/07	11:03
JRA1F	020	ASE-77B-7A1	03/16/07	13:12
JRA1K	021	ASE-77A-7A1	03/16/07	13:45
JRA1L	022	TB-031507A	03/15/07	06:00
JRA1P	023	ASE-43B-7A1	03/15/07	06:32
JRA1R	024	ASE-43C-7A1	03/15/07	07:03
JRA1W	025	ASE-50C-7A1	03/15/07	07:36
JRA1X	026	ASE-45B-7A1	03/15/07	08:17
JRA12	027	BC-3-7A1	03/15/07	11:05
JRA14	028	BC-17-7A1	03/15/07	12:28
JRA16	029	ASE-81A-7A1	03/15/07	13:26
JRA18	030	PL-510-7A1	03/15/07	13:36

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

D7C190124

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		7089105	7089305
002	WATER	SW846 8015B		7079493	
	WATER	SW846 8260B		7089105	7089305
003	WATER	SW846 8015B		7079493	
	WATER	SW846 8260B		7089105	7089305
004	WATER	SW846 8015B		7079493	
	WATER	SW846 8260B		7089105	7089305
005	WATER	SW846 8015B		7079493	
	WATER	SW846 8260B		7089105	7089305
006	WATER	SW846 8015B		7079493	
	WATER	SW846 8260B		7089105	7089305
007	WATER	SW846 8015B		7079493	
	WATER	SW846 8260B		7089105	7089305
008	WATER	SW846 8015B		7079493	
	WATER	SW846 8260B		7089105	7089305
009	WATER	SW846 8260B		7089105	7089305
010	WATER	SW846 8260B		7089105	7089305
011	WATER	SW846 8015B		7079493	
	WATER	SW846 8260B		7089105	7089305
012	WATER	SW846 8260B		7089105	7089305
013	WATER	SW846 8260B		7089105	7089305
014	WATER	SW846 8260B		7089105	7089305
015	WATER	SW846 8260B		7089105	7089305
016	WATER	SW846 8260B		7089105	7089305
017	WATER	SW846 8260B		7089105	7089305

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D7C190124

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
018	WATER	SW846 8260B		7089109	7089311
019	WATER	SW846 8260B		7089109	7089311
020	WATER	SW846 8260B		7089109	7089311
021	WATER	SW846 8260B		7089109	7089311
022	WATER	SW846 8260B		7089109	7089311
023	WATER	SW846 8260B		7089109	7089311
024	WATER	SW846 8260B		7089109	7089311
025	WATER	SW846 8260B		7089109	7089311
026	WATER	SW846 8260B		7089109	7089311
027	WATER	SW846 8260B		7089109	7089311
028	WATER	SW846 8260B		7089109	7089311
029	WATER	SW846 8260B		7089109	7089311
030	WATER	SW846 8260B		7089109	7089311

STL

Volatile GC/MS

Lot ID: D7C190124

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 001 - 017

Batch: 7089105

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031607B
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-001
Matrix:	WATER	**Lab WorkOrder:**	JRAX11AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 06:11
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 12:47
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031607B
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-001
Matrix:	WATER	**Lab WorkOrder:**	JRAX11AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 06:11
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 12:47
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031607B
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-001
Matrix:	WATER	**Lab WorkOrder:**	JRAX11AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 06:11
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 12:47
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	102	70	127		
2037-26-5	Toluene-d8	102	83	125		
1868-53-7	Dibromofluoromethane	107	77	119		
460-00-4	4-Bromofluorobenzene	99	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-98A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-002
Matrix:	WATER	**Lab WorkOrder:**	JRAX41AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 14:24
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 13:08
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-98A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-002
Matrix:	WATER	**Lab WorkOrder:**	JRAX41AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 14:24
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 13:08
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-98A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-002
Matrix:	WATER	**Lab WorkOrder:**	JRAX41AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 14:24
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 13:08
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	102	70	127		
2037-26-5	Toluene-d8	100	83	125		
1868-53-7	Dibromofluoromethane	107	77	119		
460-00-4	4-Bromofluorobenzene	99	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-99A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-003
Matrix:	WATER	**Lab WorkOrder:**	JRAX61AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 13:02
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 13:29
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	**6.0**	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-99A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-003
Matrix:	WATER	**Lab WorkOrder:**	JRAX61AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 13:02
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 13:29
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	**2.0**	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**2.3**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-99A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-003
Matrix:	WATER	**Lab WorkOrder:**	JRAX61AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 13:02
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 13:29
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	101	70	127		
2037-26-5	Toluene-d8	100	83	125		
1868-53-7	Dibromofluoromethane	108	77	119		
460-00-4	4-Bromofluorobenzene	99	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-102A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-004
Matrix:	WATER	**Lab WorkOrder:**	JRAX71AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 13:45
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 13:50
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	**3.9**	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-102A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-004
Matrix:	WATER	**Lab WorkOrder:**	JRAX71AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 13:45
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 13:50
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**3.4**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-102A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-004
Matrix:	WATER	**Lab WorkOrder:**	JRAX71AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 13:45
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 13:50
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	106	70	127		
2037-26-5	Toluene-d8	107	83	125		
1868-53-7	Dibromofluoromethane	110	77	119		
460-00-4	4-Bromofluorobenzene	109	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-101A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-005
Matrix:	WATER	**Lab WorkOrder:**	JRA0C1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:16
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 14:10
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-101A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-005
Matrix:	WATER	**Lab WorkOrder:**	JRA0C1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:16
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 14:10
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	**15**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-101A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-005
Matrix:	WATER	**Lab WorkOrder:**	JRA0C1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:16
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 14:10
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	104	70	127		
2037-26-5	Toluene-d8	101	83	125		
1868-53-7	Dibromofluoromethane	111	77	119		
460-00-4	4-Bromofluorobenzene	104	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-100A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-006
Matrix:	WATER	**Lab WorkOrder:**	JRA0F1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 10:01
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 14:31
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-100A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-006
Matrix:	WATER	**Lab WorkOrder:**	JRA0F1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 10:01
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 14:31
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-100A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-006
Matrix:	WATER	**Lab WorkOrder:**	JRA0F1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 10:01
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 14:31
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
1868-53-7	Dibromofluoromethane	112	77	119		
460-00-4	4-Bromofluorobenzene	104	78	118		
17060-07-0	1,2-Dichloroethane-d4	106	70	127		
2037-26-5	Toluene-d8	104	83	125		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-511-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-007
Matrix:	WATER	**Lab WorkOrder:**	JRA0G1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:26
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 14:52
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-511-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-007
Matrix:	WATER	**Lab WorkOrder:**	JRA0G1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:26
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 14:52
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	**15**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-511-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-007
Matrix:	WATER	**Lab WorkOrder:**	JRA0G1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:26
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 14:52
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	104	70	127		
2037-26-5	Toluene-d8	101	83	125		
1868-53-7	Dibromofluoromethane	111	77	119		
460-00-4	4-Bromofluorobenzene	102	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-103A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-008
Matrix:	WATER	**Lab WorkOrder:**	JRA0H1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 10:43
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 15:12
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-103A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-008
Matrix:	WATER	**Lab WorkOrder:**	JRA0H1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 10:43
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 15:12
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-103A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-008
Matrix:	WATER	**Lab WorkOrder:**	JRA0H1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 10:43
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 15:12
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	105	70	127		
2037-26-5	Toluene-d8	102	83	125		
1868-53-7	Dibromofluoromethane	111	77	119		
460-00-4	4-Bromofluorobenzene	101	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-34B-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-009
Matrix:	WATER	**Lab WorkOrder:**	JRA0J1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 11:50
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 15:33
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-34B-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-009
Matrix:	WATER	**Lab WorkOrder:**	JRA0J1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 11:50
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 15:33
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-34B-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-009
Matrix:	WATER	**Lab WorkOrder:**	JRA0J1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 11:50
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 15:33
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**1.8**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	103	70	127		
2037-26-5	Toluene-d8	101	83	125		
1868-53-7	Dibromofluoromethane	109	77	119		
460-00-4	4-Bromofluorobenzene	99	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-34A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-010
Matrix:	WATER	**Lab WorkOrder:**	JRA0N1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 12:23
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 15:54
Sample Aliquot:	2 mL	**Instrument ID:**	P
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	D2	
71-55-6	1,1,1-Trichloroethane	ND	20	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	D2	
79-00-5	1,1,2-Trichloroethane	ND	10	D2	
75-34-3	1,1-Dichloroethane	ND	20	D2	
75-35-4	1,1-Dichloroethene	ND	20	D2	
563-58-6	1,1-Dichloropropene	ND	20	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	50	D2	
96-18-4	1,2,3-Trichloropropane	ND	100	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	50	D2	
95-63-6	1,2,4-Trimethylbenzene	**340**	20	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	50	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	20	D2	
95-50-1	1,2-Dichlorobenzene	ND	10	D2	
107-06-2	1,2-Dichloroethane	ND	10	D2	
78-87-5	1,2-Dichloropropane	ND	20	D2	
108-67-8	1,3,5-Trimethylbenzene	**63**	20	D2	
541-73-1	1,3-Dichlorobenzene	ND	10	D2	
142-28-9	1,3-Dichloropropane	ND	20	D2	
106-46-7	1,4-Dichlorobenzene	ND	10	D2	
594-20-7	2,2-Dichloropropane	ND	20	D2	
78-93-3	2-Butanone (MEK)	ND	100	D2	
95-49-8	2-Chlorotoluene	ND	50	D2	
591-78-6	2-Hexanone	ND	100	D2	
106-43-4	4-Chlorotoluene	ND	50	D2	
108-10-1	4-Methyl-2-pentanone	ND	100	D2	
67-64-1	Acetone	ND	200	D2	
71-43-2	Benzene	ND	10	D2	
108-86-1	Bromobenzene	ND	50	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-34A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-010
Matrix:	WATER	**Lab WorkOrder:**	JRA0N1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 12:23
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 15:54
Sample Aliquot:	2 mL	**Instrument ID:**	P
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	50	D2	
75-27-4	Bromodichloromethane	ND	10	D2	
75-25-2	Bromoform	ND	50	D2	
74-83-9	Bromomethane	ND	50	D2	
75-15-0	Carbon disulfide	ND	50	D2	
56-23-5	Carbon tetrachloride	ND	20	D2	
108-90-7	Chlorobenzene	ND	10	D2	
124-48-1	Chlorodibromomethane	ND	20	D2	
75-00-3	Chloroethane	ND	50	D2	
67-66-3	Chloroform	ND	20	D2	
74-87-3	Chloromethane	ND	50	D2	
156-59-2	cis-1,2-Dichloroethene	ND	20	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	20	D2	
74-95-3	Dibromomethane	ND	20	D2	
75-71-8	Dichlorodifluoromethane	ND	50	D2	
100-41-4	Ethylbenzene	**70**	20	D2	
87-68-3	Hexachlorobutadiene	ND	50	D2	
74-88-4	Iodomethane	ND	100	D2	
98-82-8	Isopropylbenzene	**26**	20	D2	
1634-04-4	Methyl tert-butyl ether	ND	50	D2	
75-09-2	Methylene chloride	ND	50	D2	
91-20-3	Naphthalene	**170**	20	D2	
104-51-8	n-Butylbenzene	ND	50	D2	
103-65-1	n-Propylbenzene	**33**	20	D2	
99-87-6	p-Isopropyltoluene	ND	20	D2	
135-98-8	sec-Butylbenzene	ND	50	D2	
100-42-5	Styrene	ND	20	D2	
98-06-6	tert-Butylbenzene	ND	50	D2	
127-18-4	Tetrachloroethene	ND	10	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-34A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-010
Matrix:	WATER	**Lab WorkOrder:**	JRA0N1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 12:23
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	-
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 15:54
Sample Aliquot:	2 mL	**Instrument ID:**	P
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	20	D2	
156-60-5	trans-1,2-Dichloroethene	ND	20	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	20	D2	
79-01-6	Trichloroethene	ND	10	D2	
75-69-4	Trichlorofluoromethane	ND	50	D2	
108-05-4	Vinyl acetate	ND	250	D2	
75-01-4	Vinyl chloride	ND	10	D2	
1330-20-7	Xylenes (total)	ND	100	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	101	70	127	D2	
2037-26-5	Toluene-d8	102	83	125	D2	
1868-53-7	Dibromofluoromethane	108	77	119	D2	
460-00-4	4-Bromofluorobenzene	100	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-110A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-011
Matrix:	WATER	**Lab WorkOrder:**	JRA0P1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:14
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 16:14
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-110A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-011
Matrix:	WATER	**Lab WorkOrder:**	JRA0P1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:14
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 16:14
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-110A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-011
Matrix:	WATER	**Lab WorkOrder:**	JRA0P1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:14
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 16:14
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	105	70	127		
2037-26-5	Toluene-d8	105	83	125		
1868-53-7	Dibromofluoromethane	112	77	119		
460-00-4	4-Bromofluorobenzene	101	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031607A
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-012
Matrix:	WATER	**Lab WorkOrder:**	JRA0R1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 06:00
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 16:35
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031607A
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-012
Matrix:	WATER	**Lab WorkOrder:**	JRA0R1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 06:00
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 16:35
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031607A
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-012
Matrix:	WATER	**Lab WorkOrder:**	JRA0R1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 06:00
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 16:35
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	105	70	127		
2037-26-5	Toluene-d8	107	83	125		
1868-53-7	Dibromofluoromethane	112	77	119		
460-00-4	4-Bromofluorobenzene	102	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-79C-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-013
Matrix:	WATER	**Lab WorkOrder:**	JRA0T1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:33
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 10:22
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-79C-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-013
Matrix:	WATER	**Lab WorkOrder:**	JRA0T1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:33
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 10:22
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0	M1	
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0	M2	
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**4.1**	1.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-79C-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-013
Matrix:	WATER	**Lab WorkOrder:**	JRA0T1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:33
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 10:22
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**6.0**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	92	70	127		
2037-26-5	Toluene-d8	108	83	125		
1868-53-7	Dibromofluoromethane	104	77	119		
460-00-4	4-Bromofluorobenzene	96	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-103C-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-014
Matrix:	WATER	**Lab WorkOrder:**	JRA0V1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 07:49
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 16:56
Sample Aliquot:	3 mL	**Instrument ID:**	P
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	33	D2	
71-55-6	1,1,1-Trichloroethane	ND	13	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.7	D2	
79-00-5	1,1,2-Trichloroethane	ND	6.7	D2	
75-34-3	1,1-Dichloroethane	ND	13	D2	
75-35-4	1,1-Dichloroethene	ND	13	D2	
563-58-6	1,1-Dichloropropene	ND	13	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	33	D2	
96-18-4	1,2,3-Trichloropropane	ND	67	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	33	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	13	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	33	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	13	D2	
95-50-1	1,2-Dichlorobenzene	ND	6.7	D2	
107-06-2	1,2-Dichloroethane	ND	6.7	D2	
78-87-5	1,2-Dichloropropane	ND	13	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	13	D2	
541-73-1	1,3-Dichlorobenzene	ND	6.7	D2	
142-28-9	1,3-Dichloropropane	ND	13	D2	
106-46-7	1,4-Dichlorobenzene	ND	6.7	D2	
594-20-7	2,2-Dichloropropane	ND	13	D2	
78-93-3	2-Butanone (MEK)	ND	67	D2	
95-49-8	2-Chlorotoluene	ND	33	D2	
591-78-6	2-Hexanone	ND	67	D2	
106-43-4	4-Chlorotoluene	ND	33	D2	
108-10-1	4-Methyl-2-pentanone	ND	67	D2	
67-64-1	Acetone	ND	130	D2	
71-43-2	Benzene	ND	6.7	D2	
108-86-1	Bromobenzene	ND	33	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-103C-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-014
Matrix:	WATER	**Lab WorkOrder:**	JRA0V1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 07:49
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 16:56
Sample Aliquot:	3 mL	**Instrument ID:**	P
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	33	D2	
75-27-4	Bromodichloromethane	ND	6.7	D2	
75-25-2	Bromoform	ND	33	D2	
74-83-9	Bromomethane	ND	33	D2	
75-15-0	Carbon disulfide	ND	33	D2	
56-23-5	Carbon tetrachloride	ND	13	D2	
108-90-7	Chlorobenzene	ND	6.7	D2	
124-48-1	Chlorodibromomethane	ND	13	D2	
75-00-3	Chloroethane	ND	33	D2	
67-66-3	Chloroform	ND	13	D2	
74-87-3	Chloromethane	ND	33	D2	
156-59-2	cis-1,2-Dichloroethene	**30**	13	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	13	D2	
74-95-3	Dibromomethane	ND	13	D2	
75-71-8	Dichlorodifluoromethane	ND	33	D2	
100-41-4	Ethylbenzene	ND	13	D2	
87-68-3	Hexachlorobutadiene	ND	33	D2	
74-88-4	Iodomethane	ND	67	D2	
98-82-8	Isopropylbenzene	ND	13	D2	
1634-04-4	Methyl tert-butyl ether	ND	33	D2	
75-09-2	Methylene chloride	ND	33	D2	
91-20-3	Naphthalene	ND	13	D2	
104-51-8	n-Butylbenzene	ND	33	D2	
103-65-1	n-Propylbenzene	ND	13	D2	
99-87-6	p-Isopropyltoluene	ND	13	D2	
135-98-8	sec-Butylbenzene	ND	33	D2	
100-42-5	Styrene	ND	13	D2	
98-06-6	tert-Butylbenzene	ND	33	D2	
127-18-4	Tetrachloroethene	ND	6.7	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-103C-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-014
Matrix:	WATER	**Lab WorkOrder:**	JRA0V1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 07:49
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 16:56
Sample Aliquot:	3 mL	**Instrument ID:**	P
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	13	D2	
156-60-5	trans-1,2-Dichloroethene	ND	13	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	13	D2	
79-01-6	Trichloroethene	**190**	6.7	D2	
75-69-4	Trichlorofluoromethane	ND	33	D2	
108-05-4	Vinyl acetate	ND	170	D2	
75-01-4	Vinyl chloride	ND	6.7	D2	
1330-20-7	Xylenes (total)	ND	67	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	105	70	127	D2	
2037-26-5	Toluene-d8	112	83	125	D2	
1868-53-7	Dibromofluoromethane	114	77	119	D2	
460-00-4	4-Bromofluorobenzene	102	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-103A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-015
Matrix:	WATER	**Lab WorkOrder:**	JRA001AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 07:25
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 17:17
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-103A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-015
Matrix:	WATER	**Lab WorkOrder:**	JRA001AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 07:25
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 17:17
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	**2.7**	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	**8.0**	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.9**	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-103A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-015
Matrix:	WATER	**Lab WorkOrder:**	JRA001AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 07:25
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 17:17
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**25**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	98	70	127		
2037-26-5	Toluene-d8	107	83	125		
1868-53-7	Dibromofluoromethane	108	77	119		
460-00-4	4-Bromofluorobenzene	98	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-29A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-016
Matrix:	WATER	**Lab WorkOrder:**	JRA051AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 06:10
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 17:38
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-29A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-016
Matrix:	WATER	**Lab WorkOrder:**	JRA051AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 06:10
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 17:38
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-29A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-016
Matrix:	WATER	**Lab WorkOrder:**	JRA051AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 06:10
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 17:38
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**1.5**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	94	70	127		
2037-26-5	Toluene-d8	104	83	125		
1868-53-7	Dibromofluoromethane	105	77	119		
460-00-4	4-Bromofluorobenzene	95	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-9-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-017
Matrix:	WATER	**Lab WorkOrder:**	JRA071AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 06:45
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 17:58
Sample Aliquot:	5 mL	**Instrument:**	P
Dilution Factor:	4		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.68	20	D2	
71-55-6	1,1,1-Trichloroethane	ND	0.64	8.0	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.80	4.0	D2	
79-00-5	1,1,2-Trichloroethane	ND	1.3	4.0	D2	
75-34-3	1,1-Dichloroethane	ND	0.64	8.0	D2	
75-35-4	1,1-Dichloroethene	ND	0.56	8.0	D2	
563-58-6	1,1-Dichloropropene	ND	0.60	8.0	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	0.72	20	D2	
96-18-4	1,2,3-Trichloropropane	ND	1.1	40	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	1.3	20	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	0.56	8.0	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0	20	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	0.72	8.0	D2	
95-50-1	1,2-Dichlorobenzene	ND	0.52	4.0	D2	
107-06-2	1,2-Dichloroethane	ND	0.52	4.0	D2	
78-87-5	1,2-Dichloropropane	ND	0.52	8.0	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	0.56	8.0	D2	
541-73-1	1,3-Dichlorobenzene	ND	0.64	4.0	D2	
142-28-9	1,3-Dichloropropane	ND	0.60	8.0	D2	
106-46-7	1,4-Dichlorobenzene	ND	0.64	4.0	D2	
594-20-7	2,2-Dichloropropane	ND	0.80	8.0	D2	
78-93-3	2-Butanone (MEK)	ND	7.3	40	D2	
95-49-8	2-Chlorotoluene	ND	0.68	20	D2	
591-78-6	2-Hexanone	ND	5.6	40	D2	
106-43-4	4-Chlorotoluene	ND	0.68	20	D2	
108-10-1	4-Methyl-2-pentanone	ND	2.0	40	D2	
67-64-1	Acetone	ND	7.6	80	D2	
71-43-2	Benzene	ND	0.64	4.0	D2	
108-86-1	Bromobenzene	ND	0.68	20	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-9-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-017
Matrix:	WATER	**Lab WorkOrder:**	JRA071AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 06:45
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 17:58
Sample Aliquot:	5 mL	**Instrument:**	P
Dilution Factor:	4		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	0.40	20	D2	
75-27-4	Bromodichloromethane	ND	0.68	4.0	D2	
75-25-2	Bromoform	ND	0.76	20	D2	
74-83-9	Bromomethane	ND	0.84	20	D2	
75-15-0	Carbon disulfide	ND	1.8	20	D2	
56-23-5	Carbon tetrachloride	ND	0.76	8.0	D2	
108-90-7	Chlorobenzene	ND	0.68	4.0	D2	
124-48-1	Chlorodibromomethane	ND	0.68	8.0	D2	
75-00-3	Chloroethane	ND	1.6	20	D2	
67-66-3	Chloroform	ND	0.64	8.0	D2	
74-87-3	Chloromethane	ND	1.2	20	D2	
156-59-2	cis-1,2-Dichloroethene	**12**	0.60	8.0	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	0.64	8.0	D2	
74-95-3	Dibromomethane	ND	0.68	8.0	D2	
75-71-8	Dichlorodifluoromethane	ND	1.2	20	D2	
100-41-4	Ethylbenzene	ND	0.64	8.0	D2	
87-68-3	Hexachlorobutadiene	ND	0.48	20	D2	
74-88-4	Iodomethane	ND	0.92	40	D2	
98-82-8	Isopropylbenzene	ND	0.76	8.0	D2	
1634-04-4	Methyl tert-butyl ether	ND	1.0	20	D2	
75-09-2	Methylene chloride	ND	1.3	20	D2	
91-20-3	Naphthalene	ND	0.88	8.0	D2	
104-51-8	n-Butylbenzene	ND	0.56	20	D2	
103-65-1	n-Propylbenzene	ND	0.64	8.0	D2	
99-87-6	p-Isopropyltoluene	ND	0.68	8.0	D2	
135-98-8	sec-Butylbenzene	ND	0.68	20	D2	
100-42-5	Styrene	ND	0.68	8.0	D2	
98-06-6	tert-Butylbenzene	ND	0.64	20	D2	
127-18-4	Tetrachloroethene	ND	0.80	4.0	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-9-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-017
Matrix:	WATER	**Lab WorkOrder:**	JRA071AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 06:45
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 17:58
Sample Aliquot:	5 mL	**Instrument:**	P
Dilution Factor:	4		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
108-88-3	Toluene	ND	0.68	8.0	D2	
156-60-5	trans-1,2-Dichloroethene	ND	0.60	8.0	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	0.76	8.0	D2	
79-01-6	Trichloroethene	**84**	0.64	4.0	D2	
75-69-4	Trichlorofluoromethane	ND	1.2	20	D2	
108-05-4	Vinyl acetate	ND	3.8	100	D2	
75-01-4	Vinyl chloride	ND	0.68	4.0	D2	
1330-20-7	Xylenes (total)	ND	0.76	40	D2	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
17060-07-0	1,2-Dichloroethane-d4	94	70	127	D2	
2037-26-5	Toluene-d8	108	83	125	D2	
1868-53-7	Dibromofluoromethane	105	77	119	D2	
460-00-4	4-Bromofluorobenzene	96	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C300000-105B
Matrix:	WATER	**Lab WorkOrder:**	JR4551AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 08:42
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

Form 1 Prep Blank Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C300000-105B
Matrix:	WATER	**Lab WorkOrder:**	JR4551AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 08:42
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C300000-105B
Matrix:	WATER	**Lab WorkOrder:**	JR4551AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 08:42
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	100	70	127	
2037-26-5	Toluene-d8	104	83	125	
1868-53-7	Dibromofluoromethane	107	77	119	
460-00-4	4-Bromofluorobenzene	98	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK9H

Lot/SDG Number: D7C190124 **QC Batch ID:** 7089105

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
INTRA-LAB BLANK	JR4551AA	100	98	107	104					0
CHECK SAMPLE	JR4551AC	98	100	108	100					0
PL-103A-7A1	JRA001AA	98	98	108	107					0
ASE-29A-7A1	JRA051AA	94	95	105	104					0
BC-12-7A1	JRA071AA	94	96	105	108					0
ASE-101A-7A1	JRA0C1AA	104	104	111	101					0
ASE-100A-7A1	JRA0F1AA	106	104	112	104					0
PL-511-7A1	JRA0G1AA	104	102	111	101					0
ASE-103A-7A1	JRA0H1AA	105	101	111	102					0
ASE-34B-7A1	JRA0J1AA	103	99	109	101					0
ASE-34A-7A1	JRA0N1AA	101	100	108	102					0
ASE-110A-7A1	JRA0P1AA	105	101	112	105					0
TB-031607A	JRA0R1AA	105	102	112	107					0
ASE-79C-7A1	JRA0T1AA	92	96	104	108					0
ASE-79C-7A1 MS	JRA0T1AC	93	99	103	101					0
ASE-79C-7A1 MSD	JRA0T1AD	98	100	107	101					0
PL-103C-7A1	JRA0V1AA	105	102	114	112					0
TB-031607B	JRAX11AA	102	99	107	102					0
ASE-98A-7A1	JRAX41AA	102	99	107	100					0
ASE-99A-7A1	JRAX61AA	101	99	108	100					0
ASE-102A-7A1	JRAX71AA	106	109	110	107					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C300000-105C
Matrix:	WATER	**Lab WorkOrder:**	JR4551AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 09:03
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	10.0	9.29	93		72 - 117
Acetone	20.0	16.8	84		48 - 130
Ethylbenzene	10.0	8.92	89		78 - 118
Trichlorofluoromethane	10.0	8.87	89		63 - 135
Hexachlorobutadiene	10.0	10.3	103		73 - 123
2-Hexanone	20.0	16.3	81		57 - 121
Isopropylbenzene	10.0	9.55	95		71 - 111
p-Isopropyltoluene	10.0	9.65	96		76 - 113
Methylene chloride	10.0	11.1	111		71 - 119
4-Methyl-2-pentanone	20.0	17.1	85		65 - 118
Naphthalene	10.0	9.13	91		62 - 121
Benzene	10.0	10.3	103		77 - 118
2-Pentanone	20.0	18.9	95		42 - 115
n-Propylbenzene	10.0	10.4	104		76 - 116
Styrene	10.0	8.94	89		77 - 117
1,1,1,2-Tetrachloroethane	10.0	8.61	86		77 - 117
1,1,2,2-Tetrachloroethane	10.0	9.85	99		73 - 119
Tetrachloroethene	10.0	10.8	108		77 - 117
Toluene	10.0	10.4	104		73 - 120
1,2,3-Trichlorobenzene	10.0	9.28	93		66 - 123
1,2,4-Trichlorobenzene	10.0	9.68	97		73 - 121
1,1,1-Trichloroethane	10.0	10.9	109		78 - 118
1,1,2-Trichloroethane	10.0	9.75	97		76 - 116
Trichloroethene	10.0	11.0	110		78 - 122
1,2,3-Trichloropropane	10.0	9.01	90		72 - 120
1,2,4-Trimethylbenzene	10.0	10.2	102		77 - 117
1,3,5-Trimethylbenzene	10.0	10.2	102		77 - 117
Vinyl acetate	10.0	10.1	101		63 - 124
Vinyl chloride	10.0	10.3	103		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C300000-105C
Matrix:	WATER	**Lab WorkOrder:**	JR4551AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 09:03
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	10.0	8.78	88		77 - 117
Xylenes (total)	30.0	26.8	89		77 - 117
Methyl tert-butyl ether	20.0	18.6	93		58 - 116
m-Xylene & p-Xylene	20.0	18.0	90		78 - 118
Bromobenzene	10.0	10.2	102		75 - 115
Bromochloromethane	10.0	10.2	102		78 - 118
Bromodichloromethane	10.0	9.83	98		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.26	93		65 - 117
1,2-Dibromoethane (EDB)	10.0	10.0	100		77 - 117
2-Butanone (MEK)	20.0	16.6	83		57 - 120
Bromoform	10.0	9.30	93		74 - 121
Bromomethane	10.0	10.7	107		42 - 154
n-Butylbenzene	10.0	9.81	98		76 - 117
sec-Butylbenzene	10.0	11.0	110		80 - 120
tert-Butylbenzene	10.0	8.80	88		76 - 116
Carbon disulfide	10.0	8.81	88		56 - 104
Carbon tetrachloride	10.0	11.3	113		80 - 120
Chlorobenzene	10.0	10.2	102		78 - 118
Chlorodibromomethane	10.0	10.2	102		76 - 116
Chloroethane	10.0	9.60	96		51 - 133
Chloroform	10.0	10.1	101		78 - 118
Chloromethane	10.0	9.77	98		46 - 142
2-Chlorotoluene	10.0	10.0	100		76 - 116
4-Chlorotoluene	10.0	9.72	97		78 - 118
Dibromomethane	10.0	10.0	100		77 - 117
1,2-Dichlorobenzene	10.0	9.64	96		76 - 116
1,3-Dichlorobenzene	10.0	9.78	98		75 - 115
1,4-Dichlorobenzene	10.0	9.90	99		77 - 117
Dichlorodifluoromethane	10.0	12.1	121		56 - 140

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C300000-105C
Matrix:	WATER	**Lab WorkOrder:**	JR4551AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 09:03
Sample Aliquot:	20 mL	**Instrument ID:**	P
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethane	10.0	10.5	105		77 - 117
1,2-Dichloroethane	10.0	9.88	99		74 - 120
1,1-Dichloroethene	10.0	12.6	126		68 - 133
cis-1,2-Dichloroethene	10.0	10.4	104		75 - 115
trans-1,2-Dichloroethene	10.0	11.6	116		80 - 120
1,2-Dichloroethene (total)	20.0	22.0	110		78 - 118
1,2-Dichloropropane	10.0	10.1	101		76 - 116
1,3-Dichloropropane	10.0	9.62	96		75 - 115
2,2-Dichloropropane	10.0	10.8	108		72 - 128
1,1-Dichloropropene	10.0	10.9	109		75 - 115
cis-1,3-Dichloropropene	10.0	10.0	100		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	98	70	127	
2037-26-5	Toluene-d8	100	83	125	
1868-53-7	Dibromofluoromethane	108	77	119	
460-00-4	4-Bromofluorobenzene	100	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-79C-7A1
Lot/SDG Number:	D7C190124	**MS Lab Sample ID:**	D7C190124-013S
Matrix:	WATER	**MS Lab WorkOrder:**	JRA0T1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:33
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 10:43
MS Sample Aliquot:	20 mL	**Instrument ID:**	P
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	10.0	0.17		8.63	86		77 - 117
1,1,1-Trichloroethane	10.0	0.16		10.6	106		78 - 118
1,1,2,2-Tetrachloroethane	10.0	0.20		9.40	94		73 - 119
1,1,2-Trichloroethane	10.0	0.32		10.2	102		76 - 116
1,1-Dichloroethane	10.0	0.16		10.4	104		77 - 117
1,1-Dichloroethene	10.0	0.14		12.5	125		68 - 133
1,1-Dichloropropene	10.0	0.15		10.6	106		75 - 115
1,2,3-Trichlorobenzene	10.0	0.18		9.28	93		66 - 123
1,2,3-Trichloropropane	10.0	0.27		8.46	85		72 - 120
1,2,4-Trichlorobenzene	10.0	0.32		9.71	97		73 - 121
1,2,4-Trimethylbenzene	10.0	0.14		10.4	104		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	10.0	1.5		8.44	84		65 - 117
1,2-Dibromoethane (EDB)	10.0	0.18		9.61	96		77 - 117
1,2-Dichlorobenzene	10.0	0.13		9.99	98		76 - 116
1,2-Dichloroethane	10.0	0.13		9.40	94		74 - 120
1,2-Dichloroethene (total)	20.0	1.5		23.2	109		78 - 118
1,2-Dichloropropane	10.0	0.13		9.95	99		76 - 116
1,3,5-Trimethylbenzene	10.0	0.14		10.4	104		77 - 117
1,3-Dichlorobenzene	10.0	0.16		9.90	99		75 - 115
1,3-Dichloropropane	10.0	0.15		9.17	92		75 - 115
1,4-Dichlorobenzene	10.0	0.16		10.4	99		77 - 117
2,2-Dichloropropane	10.0	0.20		10.4	104		72 - 128
2-Butanone (MEK)	20.0	1.8		14.9	75		57 - 120
2-Chlorotoluene	10.0	0.17		10.2	102		76 - 116
2-Hexanone	20.0	1.4		14.3	71		57 - 121
2-Pentanone	20.0	0.82		17.2	86		42 - 115
4-Chlorotoluene	10.0	0.17		9.89	99		78 - 118
4-Methyl-2-pentanone	20.0	0.49		16.0	80		65 - 118
Acetone	20.0	1.9		15.7	78		48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-79C-7A1
Lot/SDG Number:	D7C190124	**MS Lab Sample ID:**	D7C190124-013S
Matrix:	WATER	**MS Lab WorkOrder:**	JRA0T1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:33
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 10:43
MS Sample Aliquot:	20 mL	**Instrument ID:**	P
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	10.0	0.16		10.2	102		77 - 118
Bromobenzene	10.0	0.17		10.1	101		75 - 115
Bromochloromethane	10.0	0.10		9.63	96		78 - 118
Bromodichloromethane	10.0	0.17		10.0	93		78 - 118
Bromoform	10.0	0.19		9.57	85		74 - 121
Bromomethane	10.0	0.21		9.37	94		42 - 154
Carbon disulfide	10.0	0.45		9.09	91		56 - 104
Carbon tetrachloride	10.0	0.19		11.1	111		80 - 120
Chlorobenzene	10.0	0.17		10.9	103		78 - 118
Chlorodibromomethane	10.0	0.17	M1	11.4	114		76 - 116
Chloroethane	10.0	0.41		9.27	93		51 - 133
Chloroform	10.0	0.16		10.2	98		78 - 118
Chloromethane	10.0	0.30		9.90	99		46 - 142
cis-1,2-Dichloroethene	10.0	0.15		12.0	104		75 - 115
cis-1,3-Dichloropropene	10.0	0.16		9.29	93		76 - 116
Dibromomethane	10.0	0.17		9.30	93		77 - 117
Dichlorodifluoromethane	10.0	0.31		12.0	120		56 - 140
Ethylbenzene	10.0	0.16	M2	9.03	75	M2	78 - 118
Hexachlorobutadiene	10.0	0.12		10.6	106		73 - 123
Isopropylbenzene	10.0	0.19		9.63	96		71 - 111
m-Xylene & p-Xylene	20.0	0.34		18.1	87		78 - 118
Methyl tert-butyl ether	20.0	0.25		17.3	87		58 - 116
Methylene chloride	10.0	0.32		10.4	104		71 - 119
n-Butylbenzene	10.0	0.14		10.2	102		76 - 117
n-Propylbenzene	10.0	0.16		10.6	106		76 - 116
Naphthalene	10.0	0.22		9.13	91		62 - 121
o-Xylene	10.0	1.6		8.75	71	M2	77 - 117
p-Isopropyltoluene	10.0	0.17		9.81	98		76 - 113
sec-Butylbenzene	10.0	0.17		11.3	113		80 - 120

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-79C-7A1
Lot/SDG Number:	D7C190124	**MS Lab Sample ID:**	D7C190124-013S
Matrix:	WATER	**MS Lab WorkOrder:**	JRA0T1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:33
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 10:43
MS Sample Aliquot:	20 mL	**Instrument ID:**	P
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Styrene	10.0	0.17		8.18	82		77 - 117
tert-Butylbenzene	10.0	0.16		8.91	89		76 - 116
Tetrachloroethene	10.0	4.1		15.4	113		77 - 117
Toluene	10.0	0.17		10.7	107		73 - 120
trans-1,2-Dichloroethene	10.0	0.15		11.3	113		80 - 120
trans-1,3-Dichloropropene	10.0	0.19		8.37	84		72 - 117
Trichloroethene	10.0	6.0		17.2	111		78 - 122
Trichlorofluoromethane	10.0	0.29		8.97	90		63 - 135
Vinyl acetate	10.0	0.94		10.0	100		63 - 124
Vinyl chloride	10.0	0.17		10.4	104		49 - 136
Xylenes (total)	30.0	0.19		26.9	82		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	93	70	127	
460-00-4	4-Bromofluorobenzene	99	78	118	
1868-53-7	Dibromofluoromethane	103	77	119	
2037-26-5	Toluene-d8	101	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-79C-7A1
Lot/SDG Number:	D7C190124	**MSD Lab Sample ID:**	D7C190124-013D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRA0T1AD
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:33
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 11:04
MSD Sample Aliquot:	20 mL	**Instrument ID:**	P
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	10.0	0.17		8.69	87	0.69		77 - 117	20
1,1,1-Trichloroethane	10.0	0.16		10.6	106	0.090		78 - 118	20
1,1,2,2-Tetrachloroethane	10.0	0.20		10.2	102	8.0		73 - 119	20
1,1,2-Trichloroethane	10.0	0.32		10.7	107	4.8		76 - 116	21
1,1-Dichloroethane	10.0	0.16		10.3	103	0.84		77 - 117	21
1,1-Dichloroethene	10.0	0.14		12.6	126	0.98		68 - 133	20
1,1-Dichloropropene	10.0	0.15		10.5	105	0.18		75 - 115	21
1,2,3-Trichlorobenzene	10.0	0.18		9.65	96	3.9		66 - 123	29
1,2,3-Trichloropropane	10.0	0.27		8.99	90	6.1		72 - 120	23
1,2,4-Trichlorobenzene	10.0	0.32		10.1	101	3.7		73 - 121	25
1,2,4-Trimethylbenzene	10.0	0.14		10.2	102	1.7		77 - 117	20
1,2-Dibromo-3-chloroprop	10.0	1.5		9.38	94	10		65 - 117	22
1,2-Dibromoethane (EDB)	10.0	0.18		10.1	101	4.5		77 - 117	20
1,2-Dichlorobenzene	10.0	0.13		9.99	97	0.050		76 - 116	20
1,2-Dichloroethane	10.0	0.13		9.73	97	3.4		74 - 120	20
1,2-Dichloroethene (total)	20.0	1.5		23.2	109	0.070		78 - 118	20
1,2-Dichloropropane	10.0	0.13		10.0	100	0.78		76 - 116	20
1,3,5-Trimethylbenzene	10.0	0.14		10.1	101	2.6		77 - 117	20
1,3-Dichlorobenzene	10.0	0.16		9.80	98	1.0		75 - 115	20
1,3-Dichloropropane	10.0	0.15		9.51	95	3.6		75 - 115	20
1,4-Dichlorobenzene	10.0	0.16		10.4	99	0.29		77 - 117	23
2,2-Dichloropropane	10.0	0.20		9.94	99	4.2		72 - 128	24
2-Butanone (MEK)	20.0	1.8		16.9	84	12		57 - 120	32
2-Chlorotoluene	10.0	0.17		9.78	98	4.2		76 - 116	20
2-Hexanone	20.0	1.4		16.2	81	13		57 - 121	25

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-79C-7A1
Lot/SDG Number:	D7C190124	**MSD Lab Sample ID:**	D7C190124-013D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRA0T1AD
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:33
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 11:04
MSD Sample Aliquot:	20 mL	**Instrument ID:**	P
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Pentanone	20.0	0.82		19.2	96	11		42 - 115	26
4-Chlorotoluene	10.0	0.17		9.67	97	2.3		78 - 118	20
4-Methyl-2-pentanone	20.0	0.49		17.8	89	11		65 - 118	22
Acetone	20.0	1.9		17.6	88	12		48 - 130	41
Benzene	10.0	0.16		10.2	102	0.24		77 - 118	20
Bromobenzene	10.0	0.17		10.0	100	1.0		75 - 115	20
Bromochloromethane	10.0	0.10		10.2	102	5.6		78 - 118	20
Bromodichloromethane	10.0	0.17		10.4	97	3.8		78 - 118	20
Bromoform	10.0	0.19		9.84	88	2.8		74 - 121	21
Bromomethane	10.0	0.21		9.34	93	0.33		42 - 154	24
Carbon disulfide	10.0	0.45		9.05	90	0.51		56 - 104	20
Carbon tetrachloride	10.0	0.19		10.9	109	1.5		80 - 120	21
Chlorobenzene	10.0	0.17		10.7	100	2.0		78 - 118	20
Chlorodibromomethane	10.0	0.17	M1	11.7	117	2.7	M1	76 - 116	20
Chloroethane	10.0	0.41		9.38	94	1.1		51 - 133	25
Chloroform	10.0	0.16		10.3	100	1.2		78 - 118	20
Chloromethane	10.0	0.30		10.1	101	2.0		46 - 142	24
cis-1,2-Dichloroethene	10.0	0.15		11.9	104	0.64		75 - 115	20
cis-1,3-Dichloropropene	10.0	0.16		9.40	94	1.1		76 - 116	20
Dibromomethane	10.0	0.17		9.98	100	7.0		77 - 117	20
Dichlorodifluoromethane	10.0	0.31		10.7	107	11		56 - 140	24
Ethylbenzene	10.0	0.16	M2	8.77	72	3.0	M2	78 - 118	26
Hexachlorobutadiene	10.0	0.12		10.2	102	4.3		73 - 123	25
Isopropylbenzene	10.0	0.19		9.57	96	0.67		71 - 111	20
m-Xylene & p-Xylene	20.0	0.34		17.8	85	1.6		78 - 118	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-79C-7A1
Lot/SDG Number:	D7C190124	**MSD Lab Sample ID:**	D7C190124-013D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRA0T1AD
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:33
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 06:57
QC Batch ID:	7089105	**Date/Time Analyzed:**	03/28/07 11:04
MSD Sample Aliquot:	20 mL	**Instrument ID:**	P
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Methyl tert-butyl ether	20.0	0.25		18.8	94	8.1		58 - 116	21
Methylene chloride	10.0	0.32		10.7	107	2.1		71 - 119	20
n-Butylbenzene	10.0	0.14		9.82	98	3.7		76 - 117	21
n-Propylbenzene	10.0	0.16		10.2	102	3.8		76 - 116	20
Naphthalene	10.0	0.22		10.0	100	9.4		62 - 121	32
o-Xylene	10.0	1.6		8.61	70	1.6	M2	77 - 117	20
p-Isopropyltoluene	10.0	0.17		9.48	95	3.4		76 - 113	20
sec-Butylbenzene	10.0	0.17		10.8	108	4.0		80 - 120	21
Styrene	10.0	0.17		8.24	82	0.65		77 - 117	20
tert-Butylbenzene	10.0	0.16		8.64	86	3.1		76 - 116	21
Tetrachloroethene	10.0	4.1		14.5	104	5.8		77 - 117	20
Toluene	10.0	0.17		10.5	105	1.9		73 - 120	20
trans-1,2-Dichloroethene	10.0	0.15		11.3	113	0.52		80 - 120	24
trans-1,3-Dichloropropene	10.0	0.19		8.36	84	0.080		72 - 117	20
Trichloroethene	10.0	6.0		17.0	109	1.0		78 - 122	20
Trichlorofluoromethane	10.0	0.29		9.34	93	4.1		63 - 135	20
Vinyl acetate	10.0	0.94		10.9	109	8.2		63 - 124	24
Vinyl chloride	10.0	0.17		10.3	103	1.2		49 - 136	24
Xylenes (total)	30.0	0.19		26.4	80	1.6		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	98	70	127	
460-00-4	4-Bromofluorobenzene	100	78	118	
1868-53-7	Dibromofluoromethane	107	77	119	
2037-26-5	Toluene-d8	101	83	125	

Form 3 MSD Analysis Data Sheet Equivalent

STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	P5365.D
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C300000-105B
Matrix:	WATER	**Lab Work Order:**	JR4551AA
Analysis Method:	8260B	**Date/Time Extracted:**	03/28/07 06:57
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	03/28/07 08:42
QC Batch ID:	7089105	**Instrument ID:**	P

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
CHECK SAMPLE	JR4551AC C	P5365.D	03/28/07	09:03
PL-103A-7A1	JRA001AA	P5387.D	03/28/07	17:17
ASE-29A-7A1	JRA051AA	P5388.D	03/28/07	17:38
BC-12-7A1	JRA071AA	P5389.D	03/28/07	17:58
ASE-101A-7A1	JRA0C1AA	P5378.D	03/28/07	14:10
ASE-100A-7A1	JRA0F1AA	P5379.D	03/28/07	14:31
PL-511-7A1	JRA0G1AA	P5380.D	03/28/07	14:52
ASE-103A-7A1	JRA0H1AA	P5381.D	03/28/07	15:12
ASE-34B-7A1	JRA0J1AA	P5382.D	03/28/07	15:33
ASE-34A-7A1	JRA0N1AA	P5383.D	03/28/07	15:54
ASE-110A-7A1	JRA0P1AA	P5384.D	03/28/07	16:14
TB-031607A	JRA0R1AA	P5385.D	03/28/07	16:35
ASE-79C-7A1	JRA0T1AA	P5367.D	03/28/07	10:22
ASE-79C-7A1 MS	JRA0T1AC S	P5368.D	03/28/07	10:43
ASE-79C-7A1 MSD	JRA0T1AD D	P5369.D	03/28/07	11:04
PL-103C-7A1	JRA0V1AA	P5386.D	03/28/07	16:56
TB-031607B	JRAX11AA	P5374.D	03/28/07	12:47
ASE-98A-7A1	JRAX41AA	P5375.D	03/28/07	13:08
ASE-99A-7A1	JRAX61AA	P5376.D	03/28/07	13:29
ASE-102A-7A1	JRAX71AA	P5377.D	03/28/07	13:50

STL

Volatile GC/MS

Lot ID: D7C190124

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 018 - 030

Batch: 7089109

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-71A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-018
Matrix:	WATER	**Lab WorkOrder:**	JRA091AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 10:02
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 22:02
Sample Aliquot:	10 mL	**Instrument ID:**	R2
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	10		
71-55-6	1,1,1-Trichloroethane	ND	4.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0		
79-00-5	1,1,2-Trichloroethane	ND	2.0	D2	
75-34-3	1,1-Dichloroethane	**11**	4.0	D2	
75-35-4	1,1-Dichloroethene	ND	4.0	D2	
563-58-6	1,1-Dichloropropene	ND	4.0	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	10	D2	
96-18-4	1,2,3-Trichloropropane	ND	20	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	10	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	4.0	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	10	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	4.0	D2	
95-50-1	1,2-Dichlorobenzene	ND	2.0	D2	
107-06-2	1,2-Dichloroethane	ND	2.0	D2	
78-87-5	1,2-Dichloropropane	ND	4.0	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	4.0	D2	
541-73-1	1,3-Dichlorobenzene	ND	2.0	D2	
142-28-9	1,3-Dichloropropane	ND	4.0	D2	
106-46-7	1,4-Dichlorobenzene	ND	2.0	D2	
594-20-7	2,2-Dichloropropane	ND	4.0	D2	
78-93-3	2-Butanone (MEK)	ND	20	D2	
95-49-8	2-Chlorotoluene	ND	10	D2	
591-78-6	2-Hexanone	ND	20	D2	
106-43-4	4-Chlorotoluene	ND	10	D2	
108-10-1	4-Methyl-2-pentanone	ND	20	D2	
67-64-1	Acetone	ND	40	D2	
71-43-2	Benzene	ND	2.0	D2	
108-86-1	Bromobenzene	ND	10	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-71A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-018
Matrix:	WATER	**Lab WorkOrder:**	JRA091AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 10:02
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 22:02
Sample Aliquot:	10 mL	**Instrument ID:**	R2
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	10	D2	
75-27-4	Bromodichloromethane	ND	2.0	D2	
75-25-2	Bromoform	ND	10	D2	
74-83-9	Bromomethane	ND	10	D2	
75-15-0	Carbon disulfide	ND	10	D2	
56-23-5	Carbon tetrachloride	ND	4.0	D2	
108-90-7	Chlorobenzene	ND	2.0	D2	
124-48-1	Chlorodibromomethane	ND	4.0	D2	
75-00-3	Chloroethane	ND	10	D2	
67-66-3	Chloroform	ND	4.0	D2	
74-87-3	Chloromethane	ND	10	D2	
156-59-2	cis-1,2-Dichloroethene	**16**	4.0	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	4.0	D2	
74-95-3	Dibromomethane	ND	4.0	D2	
75-71-8	Dichlorodifluoromethane	ND	10	D2	
100-41-4	Ethylbenzene	ND	4.0	D2	
87-68-3	Hexachlorobutadiene	ND	10	D2	
74-88-4	Iodomethane	ND	20	D2	
98-82-8	Isopropylbenzene	ND	4.0	D2	
1634-04-4	Methyl tert-butyl ether	ND	10	D2	
75-09-2	Methylene chloride	ND	10	D2	
91-20-3	Naphthalene	ND	4.0	D2	
104-51-8	n-Butylbenzene	ND	10	D2	
103-65-1	n-Propylbenzene	ND	4.0	D2	
99-87-6	p-Isopropyltoluene	ND	4.0	D2	
135-98-8	sec-Butylbenzene	ND	10	D2	
100-42-5	Styrene	ND	4.0	D2	
98-06-6	tert-Butylbenzene	ND	10	D2	
127-18-4	Tetrachloroethene	ND	2.0	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-71A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-018
Matrix:	WATER	**Lab WorkOrder:**	JRA091AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 10:02
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 22:02
Sample Aliquot:	10 mL	**Instrument ID:**	R2
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	4.0	D2	
156-60-5	trans-1,2-Dichloroethene	ND	4.0	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	4.0	D2	
79-01-6	Trichloroethene	71	2.0	D2	
75-69-4	Trichlorofluoromethane	ND	10	D2	
108-05-4	Vinyl acetate	ND	50	D2	
75-01-4	Vinyl chloride	ND	2.0	D2	
1330-20-7	Xylenes (total)	ND	20	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	71	70	127	D2	
2037-26-5	Toluene-d8	116	83	125	D2	
1868-53-7	Dibromofluoromethane	91	77	119	D2	
460-00-4	4-Bromofluorobenzene	99	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-71B-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-019
Matrix:	WATER	**Lab WorkOrder:**	JRA1D1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 11:03
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 22:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**4.4**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-71B-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-019
Matrix:	WATER	**Lab WorkOrder:**	JRA1D1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 11:03
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 22:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	**2.3**	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	**9.2**	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0	M2	
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0	M2	
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.1**	1.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-71B-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-019
Matrix:	WATER	**Lab WorkOrder:**	JRA1D1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 11:03
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 22:21
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**41**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	M1	
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	71	70	127		
2[illegible]7-26-5	Toluene-d8	117	83	125		
1868-53-7	Dibromofluoromethane	90	77	119		
460-00-4	4-Bromofluorobenzene	95	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-77B-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-020
Matrix:	WATER	**Lab WorkOrder:**	JRA1F1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 13:12
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 23:37
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-77B-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-020
Matrix:	WATER	**Lab WorkOrder:**	JRA1F1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 13:12
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 23:37
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-77B-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-020
Matrix:	WATER	**Lab WorkOrder:**	JRA1F1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 13:12
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 23:37
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127		
2037-26-5	Toluene-d8	113	83	125		
1868-53-7	Dibromofluoromethane	94	77	119		
460-00-4	4-Bromofluorobenzene	100	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-77A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-021
Matrix:	WATER	**Lab WorkOrder:**	JRA1K1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 13:45
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 23:56
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**7.8**	2.0		
75-35-4	1,1-Dichloroethene	**7.3**	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-77A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-021
Matrix:	WATER	**Lab WorkOrder:**	JRA1K1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 13:45
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 23:56
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	**11**	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**4.6**	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-77A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-021
Matrix:	WATER	**Lab WorkOrder:**	JRA1K1AA
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 13:45
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 23:56
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**31**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127		
2037-26-5	Toluene-d8	118	83	125		
1868-53-7	Dibromofluoromethane	97	77	119		
460-00-4	4-Bromofluorobenzene	103	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031507A
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-022
Matrix:	WATER	**Lab WorkOrder:**	JRA1L1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 06:00
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 00:15
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031507A
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-022
Matrix:	WATER	**Lab WorkOrder:**	JRA1L1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 06:00
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 00:15
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-031507A
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-022
Matrix:	WATER	**Lab WorkOrder:**	JRA1L1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 06:00
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 00:15
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127		
2037-26-5	Toluene-d8	117	83	125		
1868-53-7	Dibromofluoromethane	98	77	119		
460-00-4	4-Bromofluorobenzene	104	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-43B-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-023
Matrix:	WATER	**Lab WorkOrder:**	JRA1P1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 06:32
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 00:34
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-43B-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-023
Matrix:	WATER	**Lab WorkOrder:**	JRA1P1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 06:32
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 00:34
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-43B-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-023
Matrix:	WATER	**Lab WorkOrder:**	JRA1P1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 06:32
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 00:34
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**1.8**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	82	70	127		
2037-26-5	Toluene-d8	118	83	125		
1868-53-7	Dibromofluoromethane	95	77	119		
460-00-4	4-Bromofluorobenzene	103	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-43C-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-024
Matrix:	WATER	**Lab WorkOrder:**	JRA1R1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 07:03
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 00:53
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120 82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-43C-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-024
Matrix:	WATER	**Lab WorkOrder:**	JRA1R1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 07:03
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 00:53
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-43C-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-024
Matrix:	WATER	**Lab WorkOrder:**	JRA1R1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 07:03
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 00:53
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	79	70	127		
2037-26-5	Toluene-d8	122	83	125		
1868-53-7	Dibromofluoromethane	98	77	119		
460-00-4	4-Bromofluorobenzene	106	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-50C-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-025
Matrix:	WATER	**Lab WorkOrder:**	JRA1W1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 07:36
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 01:12
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-50C-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-025
Matrix:	WATER	**Lab WorkOrder:**	JRA1W1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 07:36
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 01:12
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-50C-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-025
Matrix:	WATER	**Lab WorkOrder:**	JRA1W1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 07:36
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 01:12
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	84	70	127		
2037-26-5	Toluene-d8	110	83	125		
1868-53-7	Dibromofluoromethane	99	77	119		
460-00-4	4-Bromofluorobenzene	104	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-45B-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-026
Matrix:	WATER	**Lab WorkOrder:**	JRA1X1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 08:17
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 01:31
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	33	D2	
71-55-6	1,1,1-Trichloroethane	ND	13	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.7	D2	
79-00-5	1,1,2-Trichloroethane	ND	6.7	D2	
75-34-3	1,1-Dichloroethane	**17**	13	D2	
75-35-4	1,1-Dichloroethene	ND	13	D2	
563-58-6	1,1-Dichloropropene	ND	13	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	33	D2	
96-18-4	1,2,3-Trichloropropane	ND	67	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	33	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	13	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	33	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	13	D2	
95-50-1	1,2-Dichlorobenzene	ND	6.7	D2	
107-06-2	1,2-Dichloroethane	ND	6.7	D2	
78-87-5	1,2-Dichloropropane	ND	13	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	13	D2	
541-73-1	1,3-Dichlorobenzene	ND	6.7	D2	
142-28-9	1,3-Dichloropropane	ND	13	D2	
106-46-7	1,4-Dichlorobenzene	ND	6.7	D2	
594-20-7	2,2-Dichloropropane	ND	13	D2	
78-93-3	2-Butanone (MEK)	ND	67	D2	
95-49-8	2-Chlorotoluene	ND	33	D2	
591-78-6	2-Hexanone	ND	67	D2	
106-43-4	4-Chlorotoluene	ND	33	D2	
108-10-1	4-Methyl-2-pentanone	ND	67	D2	
67-64-1	Acetone	ND	130	D2	
71-43-2	Benzene	ND	6.7	D2	
108-86-1	Bromobenzene	ND	33	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-45B-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-026
Matrix:	WATER	**Lab WorkOrder:**	JRA1X1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 08:17
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 01:31
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	33	D2	
75-27-4	Bromodichloromethane	ND	6.7	D2	
75-25-2	Bromoform	ND	33	D2	
74-83-9	Bromomethane	ND	33	D2	
75-15-0	Carbon disulfide	ND	33	D2	
56-23-5	Carbon tetrachloride	ND	13	D2	
108-90-7	Chlorobenzene	ND	6.7	D2	
124-48-1	Chlorodibromomethane	ND	13	D2	
75-00-3	Chloroethane	ND	33	D2	
67-66-3	Chloroform	ND	13	D2	
74-87-3	Chloromethane	ND	33	D2	
156-59-2	cis-1,2-Dichloroethene	ND	13	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	13	D2	
74-95-3	Dibromomethane	ND	13	D2	
75-71-8	Dichlorodifluoromethane	ND	33	D2	
100-41-4	Ethylbenzene	ND	13	D2	
87-68-3	Hexachlorobutadiene	ND	33	D2	
74-88-4	Iodomethane	ND	67	D2	
98-82-8	Isopropylbenzene	ND	13	D2	
1634-04-4	Methyl tert-butyl ether	**82**	33	D2	
75-09-2	Methylene chloride	ND	33	D2	
91-20-3	Naphthalene	ND	13	D2	
104-51-8	n-Butylbenzene	ND	33	D2	
103-65-1	n-Propylbenzene	ND	13	D2	
99-87-6	p-Isopropyltoluene	ND	13	D2	
135-98-8	sec-Butylbenzene	ND	33	D2	
100-42-5	Styrene	ND	13	D2	
98-06-6	tert-Butylbenzene	ND	33	D2	
127-18-4	Tetrachloroethene	ND	6.7	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-45B-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-026
Matrix:	WATER	**Lab WorkOrder:**	JRA1X1AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 08:17
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 01:31
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	13	D2	
156-60-5	trans-1,2-Dichloroethene	ND	13	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	13	D2	
79-01-6	Trichloroethene	**11**	6.7	D2	
75-69-4	Trichlorofluoromethane	ND	33	D2	
108-05-4	Vinyl acetate	ND	170	D2	
75-01-4	Vinyl chloride	ND	6.7	D2	
1330-20-7	Xylenes (total)	ND	67	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127	D2	
2037-26-5	Toluene-d8	114	83	125	D2	
1868-53-7	Dibromofluoromethane	96	77	119	D2	
460-00-4	4-Bromofluorobenzene	105	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-3-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-027
Matrix:	WATER	**Lab WorkOrder:**	JRA121AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 11:05
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 01:50
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-3-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-027
Matrix:	WATER	**Lab WorkOrder:**	JRA121AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 11:05
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 01:50
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	**3.2**	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.3**	1.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-3-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-027
Matrix:	WATER	**Lab WorkOrder:**	JRA121AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 11:05
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 01:50
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**9.7**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	83	70	127		
2037-26-5	Toluene-d8	112	83	125		
1868-53-7	Dibromofluoromethane	101	77	119		
460-00-4	4-Bromofluorobenzene	98	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-17-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-028
Matrix:	WATER	**Lab WorkOrder:**	JRA141AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 12:28
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 02:09
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-17-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-028
Matrix:	WATER	**Lab WorkOrder:**	JRA141AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 12:28
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 02:09
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.1**	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-17-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-028
Matrix:	WATER	**Lab WorkOrder:**	JRA141AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 12:28
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 02:09
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**5.2**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127		
2037-26-5	Toluene-d8	114	83	125		
1868-53-7	Dibromofluoromethane	96	77	119		
460-00-4	4-Bromofluorobenzene	103	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-81A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-029
Matrix:	WATER	**Lab WorkOrder:**	JRA161AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 13:26
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 02:28
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-81A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-029
Matrix:	WATER	**Lab WorkOrder:**	JRA161AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 13:26
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 02:28
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.4**	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-81A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-029
Matrix:	WATER	**Lab WorkOrder:**	JRA161AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 13:26
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 02:28
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**4.9**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	83	70	127		
2037-26-5	Toluene-d8	121	83	125		
1868-53-7	Dibromofluoromethane	97	77	119		
460-00-4	4-Bromofluorobenzene	112	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-510-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-030
Matrix:	WATER	**Lab WorkOrder:**	JRA181AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 13:36
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 02:47
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-510-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-030
Matrix:	WATER	**Lab WorkOrder:**	JRA181AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 13:36
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 02:47
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.3**	1.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-510-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-030
Matrix:	WATER	**Lab WorkOrder:**	JRA181AA
% Moisture:	N/A	**Date/Time Collected:**	03/15/07 13:36
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/29/07 02:47
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**5.1**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	86	70	127		
2037-26-5	Toluene-d8	119	83	125		
1868-53-7	Dibromofluoromethane	99	77	119		
460-00-4	4-Bromofluorobenzene	114	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C300000-109B
Matrix:	WATER	**Lab WorkOrder:**	JR4801AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 20:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C300000-109B
Matrix:	WATER	**Lab WorkOrder:**	JR4801AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 20:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C300000-109B
Matrix:	WATER	**Lab WorkOrder:**	JR4801AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 20:02
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	73	70	127	
2037-26-5	Toluene-d8	118	83	125	
1868-53-7	Dibromofluoromethane	94	77	119	
460-00-4	4-Bromofluorobenzene	105	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK9H

Lot/SDG Number: D7C190124 **QC Batch ID:** 7089109

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
INTRA-LAB BLANK	JR4801AA	73	105	94	118					0
CHECK SAMPLE	JR4801AC	80	105	96	116					0
ASE-71A-7A1	JRA091AA	71	99	91	116					0
BC-3-7A1	JRA121AA	83	98	101	112					0
BC-17-7A1	JRA141AA	81	103	96	114					0
ASE-81A-7A1	JRA161AA	83	112	97	121					0
PL-510-7A1	JRA181AA	86	114	99	119					0
ASE-71B-7A1	JRA1D1AA	71	95	90	117					0
ASE-71B-7A1 MS	JRA1D1AC	75	98	93	112					0
ASE-71B-7A1 MSD	JRA1D1AD	78	94	98	112					0
ASE-77B-7A1	JRA1F1AA	78	100	94	113					0
ASE-77A-7A1	JRA1K1AA	78	103	97	118					0
TB-031507A	JRA1L1AA	81	104	98	117					0
ASE-43B-7A1	JRA1P1AA	82	103	95	118					0
ASE-43C-7A1	JRA1R1AA	79	106	98	122					0
ASE-50C-7A1	JRA1W1AA	84	104	99	110					0
ASE-45B-7A1	JRA1X1AA	78	105	96	114					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C300000-109C
Matrix:	WATER	**Lab WorkOrder:**	JR4801AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 21:00
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	4.88	98		72 - 117
Acetone	10.0	7.99	80		48 - 130
Ethylbenzene	5.00	5.65	113		78 - 118
Trichlorofluoromethane	5.00	5.61	112		63 - 135
Hexachlorobutadiene	5.00	5.28	106		73 - 123
2-Hexanone	10.0	9.35	94		57 - 121
Isopropylbenzene	5.00	4.95	99		71 - 111
p-Isopropyltoluene	5.00	4.88	98		76 - 113
Methylene chloride	5.00	5.30	106		71 - 119
4-Methyl-2-pentanone	10.0	9.05	90		65 - 118
Naphthalene	5.00	4.66	93		62 - 121
Benzene	5.00	5.25	105		77 - 118
2-Pentanone	10.0	7.72	77		42 - 115
n-Propylbenzene	5.00	4.84	97		76 - 116
Styrene	5.00	4.13	83		77 - 117
1,1,1,2-Tetrachloroethane	5.00	5.13	103		77 - 117
1,1,2,2-Tetrachloroethane	5.00	5.02	100		73 - 119
Tetrachloroethene	5.00	5.37	107		77 - 117
Toluene	5.00	5.32	106		73 - 120
1,2,3-Trichlorobenzene	5.00	4.77	95		66 - 123
1,2,4-Trichlorobenzene	5.00	4.81	96		73 - 121
1,1,1-Trichloroethane	5.00	5.33	107		78 - 118
1,1,2-Trichloroethane	5.00	5.27	105		76 - 116
Trichloroethene	5.00	5.02	100		78 - 122
1,2,3-Trichloropropane	5.00	4.30	86		72 - 120
1,2,4-Trimethylbenzene	5.00	5.11	102		77 - 117
1,3,5-Trimethylbenzene	5.00	5.11	102		77 - 117
Vinyl acetate	5.00	3.87	77		63 - 124
Vinyl chloride	5.00	5.11	102		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C300000-109C
Matrix:	WATER	**Lab WorkOrder:**	JR4801AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 21:00
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	5.00	5.25	105		77 - 117
Xylenes (total)	15.0	15.8	105		77 - 117
Methyl tert-butyl ether	10.0	6.14	61		58 - 116
m-Xylene & p-Xylene	10.0	10.5	105		78 - 118
Bromobenzene	5.00	4.94	99		75 - 115
Bromochloromethane	5.00	4.94	99		78 - 118
Bromodichloromethane	5.00	4.92	98		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	4.80	96		65 - 117
1,2-Dibromoethane (EDB)	5.00	5.02	100		77 - 117
2-Butanone (MEK)	10.0	9.23	92		57 - 120
Bromoform	5.00	4.90	98		74 - 121
Bromomethane	5.00	4.86	97		42 - 154
n-Butylbenzene	5.00	5.17	103		76 - 117
sec-Butylbenzene	5.00	5.47	109		80 - 120
tert-Butylbenzene	5.00	5.09	102		76 - 116
Carbon disulfide	5.00	4.81	96		56 - 104
Carbon tetrachloride	5.00	5.02	100		80 - 120
Chlorobenzene	5.00	5.38	108		78 - 118
Chlorodibromomethane	5.00	5.23	105		76 - 116
Chloroethane	5.00	4.62	92		51 - 133
Chloroform	5.00	4.98	100		78 - 118
Chloromethane	5.00	4.72	94		46 - 142
2-Chlorotoluene	5.00	4.96	99		76 - 116
4-Chlorotoluene	5.00	4.68	94		78 - 118
Dibromomethane	5.00	5.11	102		77 - 117
1,2-Dichlorobenzene	5.00	5.00	100		76 - 116
1,3-Dichlorobenzene	5.00	4.89	98		75 - 115
1,4-Dichlorobenzene	5.00	4.94	99		77 - 117
Dichlorodifluoromethane	5.00	5.49	110		56 - 140

Form 3 LCS Analysis Data Sheet Equivalent

STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C300000-109C
Matrix:	WATER	**Lab WorkOrder:**	JR4801AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 21:00
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethane	5.00	4.90	98		77 - 117
1,2-Dichloroethane	5.00	5.06	101		74 - 120
1,1-Dichloroethene	5.00	5.61	112		68 - 133
cis-1,2-Dichloroethene	5.00	4.97	99		75 - 115
trans-1,2-Dichloroethene	5.00	5.20	104		80 - 120
1,2-Dichloroethene (total)	10.0	10.2	102		78 - 118
1,2-Dichloropropane	5.00	5.02	100		76 - 116
1,3-Dichloropropane	5.00	5.32	106		75 - 115
2,2-Dichloropropane	5.00	5.25	105		72 - 128
1,1-Dichloropropene	5.00	5.10	102		75 - 115
cis-1,3-Dichloropropene	5.00	5.50	110		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	80	70	127	
2037-26-5	Toluene-d8	116	83	125	
1868-53-7	Dibromofluoromethane	96	77	119	
460-00-4	4-Bromofluorobenzene	105	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-71B-7A1
Lot/SDG Number:	D7C190124	**MS Lab Sample ID:**	D7C190124-019S
Matrix:	WATER	**MS Lab WorkOrder:**	JRA1D1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 11:03
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 22:40
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	5.00	0.17		4.91	98		77 - 117
1,1,1-Trichloroethane	5.00	0.16		5.16	103		78 - 118
1,1,2,2-Tetrachloroethane	5.00	0.20		5.22	104		73 - 119
1,1,2-Trichloroethane	5.00	0.32		5.41	108		76 - 116
1,1-Dichloroethane	5.00	4.4		9.32	97		77 - 117
1,1-Dichloroethene	5.00	0.14		6.87	109		68 - 133
1,1-Dichloropropene	5.00	0.15		5.10	102		75 - 115
1,2,3-Trichlorobenzene	5.00	0.18		4.56	91		66 - 123
1,2,3-Trichloropropane	5.00	0.27		4.57	91		72 - 120
1,2,4-Trichlorobenzene	5.00	0.32		4.85	97		73 - 121
1,2,4-Trimethylbenzene	5.00	0.14		4.91	98		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	5.00	1.5		5.22	104		65 - 117
1,2-Dibromoethane (EDB)	5.00	0.18		5.10	102		77 - 117
1,2-Dichlorobenzene	5.00	0.13		4.91	98		76 - 116
1,2-Dichloroethane	5.00	0.13		4.81	96		74 - 120
1,2-Dichloroethene (total)	10.0	9.2		19.5	103		78 - 118
1,2-Dichloropropane	5.00	0.13		4.92	98		76 - 116
1,3,5-Trimethylbenzene	5.00	0.14		5.09	102		77 - 117
1,3-Dichlorobenzene	5.00	0.16		4.76	91		75 - 115
1,3-Dichloropropane	5.00	0.15		4.78	96		75 - 115
1,4-Dichlorobenzene	5.00	0.16		5.23	100		77 - 117
2,2-Dichloropropane	5.00	0.20		4.83	97		72 - 128
2-Butanone (MEK)	10.0	1.8		8.08	81		57 - 120
2-Chlorotoluene	5.00	0.17		4.71	94		76 - 116
2-Hexanone	10.0	1.4		8.02	80		57 - 121
2-Pentanone	10.0	0.82		7.76	78		42 - 115
4-Chlorotoluene	5.00	0.17		4.71	94		78 - 118
4-Methyl-2-pentanone	10.0	0.49		8.59	86		65 - 118
Acetone	10.0	1.9		6.75	67		48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-71B-7A1
Lot/SDG Number:	D7C190124	**MS Lab Sample ID:**	D7C190124-019S
Matrix:	WATER	**MS Lab WorkOrder:**	JRA1D1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 11:03
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 22:40
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	5.00	0.16		5.04	101		77 - 118
Bromobenzene	5.00	0.17		4.89	98		75 - 115
Bromochloromethane	5.00	0.10		4.74	95		78 - 118
Bromodichloromethane	5.00	0.17		4.90	93		78 - 118
Bromoform	5.00	0.19		4.82	96		74 - 121
Bromomethane	5.00	0.21		4.80	96		42 - 154
Carbon disulfide	5.00	0.45		4.55	91		56 - 104
Carbon tetrachloride	5.00	0.19		5.06	101		80 - 120
Chlorobenzene	5.00	0.17		5.30	102		78 - 118
Chlorodibromomethane	5.00	0.17		4.89	98		76 - 116
Chloroethane	5.00	0.41		4.45	89		51 - 133
Chloroform	5.00	2.3		7.16	97		78 - 118
Chloromethane	5.00	0.30		4.80	96		46 - 142
cis-1,2-Dichloroethene	5.00	9.2		14.2	100		75 - 115
cis-1,3-Dichloropropene	5.00	0.16		5.35	107		76 - 116
Dibromomethane	5.00	0.17		5.00	100		77 - 117
Dichlorodifluoromethane	5.00	0.31		5.19	104		56 - 140
Ethylbenzene	5.00	0.16		5.11	102		78 - 118
Hexachlorobutadiene	5.00	0.12		5.24	105		73 - 123
Isopropylbenzene	5.00	0.19		4.63	93		71 - 111
m-Xylene & p-Xylene	10.0	0.34		9.51	95		78 - 118
Methyl tert-butyl ether	10.0	0.25	M2	6.40	56	M2	58 - 116
Methylene chloride	5.00	0.32		4.60	92		71 - 119
n-Butylbenzene	5.00	0.14		5.24	105		76 - 117
n-Propylbenzene	5.00	0.16		5.10	102		76 - 116
Naphthalene	5.00	0.22		4.21	84		62 - 121
o-Xylene	5.00	0.19		4.96	99		77 - 117
p-Isopropyltoluene	5.00	0.17		4.74	95		76 - 113
sec-Butylbenzene	5.00	0.17		5.21	104		80 - 120

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-71B-7A1
Lot/SDG Number:	D7C190124	**MS Lab Sample ID:**	D7C190124-019S
Matrix:	WATER	**MS Lab WorkOrder:**	JRA1D1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 11:03
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 22:40
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Styrene	5.00	0.17	M2	1.42	28	M2	77 - 117
tert-Butylbenzene	5.00	0.16		4.67	93		76 - 116
Tetrachloroethene	5.00	1.1		6.08	99		77 - 117
Toluene	5.00	0.17		5.10	102		73 - 120
trans-1,2-Dichloroethene	5.00	0.15		5.26	105		80 - 120
trans-1,3-Dichloropropene	5.00	0.19		4.50	90		72 - 117
Trichloroethene	5.00	41		45.6	86		78 - 122
Trichlorofluoromethane	5.00	0.29		5.69	114		63 - 135
Vinyl acetate	5.00	0.94	M1	7.89	158	M1	63 - 124
Vinyl chloride	5.00	0.17		4.91	98		49 - 136
Xylenes (total)	15.0	0.19		14.5	97		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	75	70	127	
460-00-4	4-Bromofluorobenzene	98	78	118	
1868-53-7	Dibromofluoromethane	93	77	119	
2037-26-5	Toluene-d8	112	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-71B-7A1
Lot/SDG Number:	D7C190124	**MSD Lab Sample ID:**	D7C190124-019D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRA1D1AD
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 11:03
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 22:59
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	5.00	0.17		4.90	98	0.24		77 - 117	20
1,1,1-Trichloroethane	5.00	0.16		5.28	106	2.4		78 - 118	20
1,1,2,2-Tetrachloroethane	5.00	0.20		5.42	108	3.7		73 - 119	20
1,1,2-Trichloroethane	5.00	0.32		5.35	107	1.1		76 - 116	21
1,1-Dichloroethane	5.00	4.4		9.38	99	0.63		77 - 117	21
1,1-Dichloroethene	5.00	0.14		6.98	111	1.6		68 - 133	20
1,1-Dichloropropene	5.00	0.15		4.99	100	2.2		75 - 115	21
1,2,3-Trichlorobenzene	5.00	0.18		5.14	103	12		66 - 123	29
1,2,3-Trichloropropane	5.00	0.27		4.87	97	6.5		72 - 120	23
1,2,4-Trichlorobenzene	5.00	0.32		5.45	109	12		73 - 121	25
1,2,4-Trimethylbenzene	5.00	0.14		5.31	106	7.9		77 - 117	20
1,2-Dibromo-3-chloroprop	5.00	1.5		4.59	92	13		65 - 117	22
1,2-Dibromoethane (EDB)	5.00	0.18		5.11	102	0.12		77 - 117	20
1,2-Dichlorobenzene	5.00	0.13		5.19	104	5.7		76 - 116	20
1,2-Dichloroethane	5.00	0.13		5.03	101	4.4		74 - 120	20
1,2-Dichloroethene (total)	10.0	9.2		19.4	102	0.53		78 - 118	20
1,2-Dichloropropane	5.00	0.13		5.05	101	2.6		76 - 116	20
1,3,5-Trimethylbenzene	5.00	0.14		5.13	103	0.78		77 - 117	20
1,3-Dichlorobenzene	5.00	0.16		4.94	94	3.8		75 - 115	20
1,3-Dichloropropane	5.00	0.15		4.51	90	5.8		75 - 115	20
1,4-Dichlorobenzene	5.00	0.16		5.32	101	1.7		77 - 117	23
2,2-Dichloropropane	5.00	0.20		5.40	108	11		72 - 128	24
2-Butanone (MEK)	10.0	1.8		9.74	97	19		57 - 120	32
2-Chlorotoluene	5.00	0.17		4.89	98	3.6		76 - 116	20
2-Hexanone	10.0	1.4		8.41	84	4.7		57 - 121	25

Form 3 MSD Analysis Data Sheet Equivalent

STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-71B-7A1
Lot/SDG Number:	D7C190124	**MSD Lab Sample ID:**	D7C190124-019D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRA1D1AD
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 11:03
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 22:59
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Pentanone	10.0	0.82		8.92	89	14		42 - 115	26
4-Chlorotoluene	5.00	0.17		4.88	98	3.6		78 - 118	20
4-Methyl-2-pentanone	10.0	0.49		9.26	93	7.6		65 - 118	22
Acetone	10.0	1.9		9.80	98	37		48 - 130	41
Benzene	5.00	0.16		5.19	104	2.9		77 - 118	20
Bromobenzene	5.00	0.17		4.80	96	1.8		75 - 115	20
Bromochloromethane	5.00	0.10		5.07	101	6.7		78 - 118	20
Bromodichloromethane	5.00	0.17		5.07	96	3.3		78 - 118	20
Bromoform	5.00	0.19		4.94	99	2.5		74 - 121	21
Bromomethane	5.00	0.21		5.11	102	6.2		42 - 154	24
Carbon disulfide	5.00	0.45		4.93	99	8.0		56 - 104	20
Carbon tetrachloride	5.00	0.19		4.87	97	3.8		80 - 120	21
Chlorobenzene	5.00	0.17		5.10	98	3.8		78 - 118	20
Chlorodibromomethane	5.00	0.17		5.22	104	6.6		76 - 116	20
Chloroethane	5.00	0.41		4.93	99	10		51 - 133	25
Chloroform	5.00	2.3		7.66	107	6.8		78 - 118	20
Chloromethane	5.00	0.30		5.21	104	8.3		46 - 142	24
cis-1,2-Dichloroethene	5.00	9.2		14.3	103	0.78		75 - 115	20
cis-1,3-Dichloropropene	5.00	0.16		5.37	107	0.42		76 - 116	20
Dibromomethane	5.00	0.17		5.28	106	5.4		77 - 117	20
Dichlorodifluoromethane	5.00	0.31		5.38	108	3.7		56 - 140	24
Ethylbenzene	5.00	0.16		5.13	103	0.39		78 - 118	26
Hexachlorobutadiene	5.00	0.12		5.56	111	5.9		73 - 123	25
Isopropylbenzene	5.00	0.19		4.48	90	3.4		71 - 111	20
m-Xylene & p-Xylene	10.0	0.34		10.1	101	6.2		78 - 118	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-71B-7A1
Lot/SDG Number:	D7C190124	**MSD Lab Sample ID:**	D7C190124-019D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRA1D1AD
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 11:03
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/28/07 18:23
QC Batch ID:	7089109	**Date/Time Analyzed:**	03/28/07 22:59
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Methyl tert-butyl ether	10.0	0.25	M2	6.69	59	4.4		58 - 116	21
Methylene chloride	5.00	0.32		4.98	100	8.0		71 - 119	20
n-Butylbenzene	5.00	0.14		5.40	108	2.9		76 - 117	21
n-Propylbenzene	5.00	0.16		4.91	98	3.8		76 - 116	20
Naphthalene	5.00	0.22		5.15	103	20		62 - 121	32
o-Xylene	5.00	0.19		5.07	101	2.0		77 - 117	20
p-Isopropyltoluene	5.00	0.17		5.04	101	6.2		76 - 113	20
sec-Butylbenzene	5.00	0.17		5.73	115	9.6		80 - 120	21
Styrene	5.00	0.17	M2	1.29	26	9.9	M2	77 - 117	20
tert-Butylbenzene	5.00	0.16		5.27	105	12		76 - 116	21
Tetrachloroethene	5.00	1.1		6.00	98	1.3		77 - 117	20
Toluene	5.00	0.17		4.95	99	2.9		73 - 120	20
trans-1,2-Dichloroethene	5.00	0.15		5.05	101	4.2		80 - 120	24
trans-1,3-Dichloropropene	5.00	0.19		4.54	91	0.92		72 - 117	20
Trichloroethene	5.00	41		46.6	106	2.1		78 - 122	20
Trichlorofluoromethane	5.00	0.29		6.10	122	7.0		63 - 135	20
Vinyl acetate	5.00	0.94	M1	8.40	168	6.2	M1	63 - 124	24
Vinyl chloride	5.00	0.17		4.87	97	0.87		49 - 136	24
Xylenes (total)	15.0	0.19		15.2	101	4.8		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127	
460-00-4	4-Bromofluorobenzene	94	78	118	
1868-53-7	Dibromofluoromethane	98	77	119	
2037-26-5	Toluene-d8	112	83	125	

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	RR7718.D
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C300000-109B
Matrix:	WATER	**Lab Work Order:**	JR4801AA
Analysis Method:	8260B	**Date/Time Extracted:**	03/28/07 18:23
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	03/28/07 20:02
QC Batch ID:	7089109	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
CHECK SAMPLE	JR4801AC C	RR7718.D	03/28/07	21:00
ASE-71A-7A1	JRA091AA	RR7720.D	03/28/07	22:02
BC-3-7A1	JRA121AA	RR7732.D	03/29/07	01:50
BC-17-7A1	JRA141AA	RR7733.D	03/29/07	02:09
ASE-81A-7A1	JRA161AA	RR7734.D	03/29/07	02:28
PL-510-7A1	JRA181AA	RR7735.D	03/29/07	02:47
ASE-71B-7A1	JRA1D1AA	RR7721.D	03/28/07	22:21
ASE-71B-7A1 MS	JRA1D1AC S	RR7722.D	03/28/07	22:40
ASE-71B-7A1 MSD	JRA1D1AD D	RR7723.D	03/28/07	22:59
ASE-77B-7A1	JRA1F1AA	RR7725.D	03/28/07	23:37
ASE-77A-7A1	JRA1K1AA	RR7726.D	03/28/07	23:56
TB-031507A	JRA1L1AA	RR7727.D	03/29/07	00:15
ASE-43B-7A1	JRA1P1AA	RR7728.D	03/29/07	00:34
ASE-43C-7A1	JRA1R1AA	RR7729.D	03/29/07	00:53
ASE-50C-7A1	JRA1W1AA	RR7730.D	03/29/07	01:12
ASE-45B-7A1	JRA1X1AA	RR7731.D	03/29/07	01:31

STL

Semivolatile GC

Lot ID: D7C190124

Client: CH2M Hill

Method: SW846 8015B DRO

Associated Samples: 002 - 008, 011

Batch: 7079493

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-98A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-002
Matrix:	WATER	**Lab WorkOrder:**	JRAX41AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 14:24
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 17
QC Batch ID:	7079493	**Date/Time Analyzed:**	03/27/07 11:54
Sample Aliquot:	1054 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q[illegible]67	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2[illegible]10	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	101	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-99A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-003
Matrix:	WATER	**Lab WorkOrder:**	JRAX61AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 13:02
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 17
QC Batch ID:	7079493	**Date/Time Analyzed:**	03/27/07 12:21
Sample Aliquot:	1052 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	105	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-102A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-004
Matrix:	WATER	**Lab WorkOrder:**	JRAX71AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 13:45
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 17
QC Batch ID:	7079493	**Date/Time Analyzed:**	03/27/07 12:49
Sample Aliquot:	1053 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.88**	0.032	0.25		
Q2210	TPH C10-C32	**0.88**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84[illegible]15-1	o-Terphenyl	114	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-101A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-005
Matrix:	WATER	**Lab WorkOrder:**	JRA0C1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:16
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 17
QC Batch ID:	7079493	**Date/Time Analyzed:**	03/27/07 13:16
Sample Aliquot:	1042 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q2[illegible]67	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2[illegible]10	TPH C10-C32	ND	0.032	0.25		
Q1[illegible]70	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	104	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-100A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-006
Matrix:	WATER	**Lab WorkOrder:**	JRA0F1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 10:01
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 17
QC Batch ID:	7079493	**Date/Time Analyzed:**	03/27/07 13:43
Sample Aliquot:	1045 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	109	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-511-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-007
Matrix:	WATER	**Lab WorkOrder:**	JRA0G1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 08:26
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 17
QC Batch ID:	7079493	**Date/Time Analyzed:**	03/27/07 14:10
Sample Aliquot:	1037 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84 5-1	o-Terphenyl	105	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-103A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-008
Matrix:	WATER	**Lab WorkOrder:**	JRA0H1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 10:43
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 17
QC Batch ID:	7079493	**Date/Time Analyzed:**	03/27/07 14:37
Sample Aliquot:	1048 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	106	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-110A-7A1
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C190124-011
Matrix:	WATER	**Lab WorkOrder:**	JRA0P1AC
% Moisture:	N/A	**Date/Time Collected:**	03/16/07 09:14
Basis:	Wet	**Date/Time Received:**	03/19/07 08:15
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 17
QC Batch ID:	7079493	**Date/Time Analyzed:**	03/27/07 15:05
Sample Aliquot:	1042 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	101	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C200000-493B
Matrix:	WATER	**Lab WorkOrder:**	JRELF1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 17:45
QC Batch ID:	7079493	**Date/Time Analyzed:**	03/27/07 11:00
Sample Aliquot:	1000 mL	**Instrument ID:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1767	Diesel Range Organics (C10-C28)	0.032	0.032	0.25	
Q1770	TPH quantitated as Motor Oil(C24-C36)	0.056	0.056	0.50	
Q2210	TPH C10-C32	0.032	0.032	0.25	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	112	48	117	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09KI01

Lot/SDG Number: D7C190124 **QC Batch ID:** 7079493

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-101A-7A1	JRA0C1AC	104								0
ASE-100A-7A1	JRA0F1AC	109								0
PL-511-7A1	JRA0G1AC	105								0
ASE-103A-7A1	JRA0H1AC	106								0
ASE-110A-7A1	JRA0P1AC	101								0
ASE-98A-7A1	JRAX41AC	101								0
ASE-99A-7A1	JRAX61AC	105								0
ASE-102A-7A1	JRAX71AC	114								0
INTRA-LAB BLANK	JRELF1AA	112								0
CHECK SAMPLE	JRELF1AC	98								0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	o-Terphenyl	50	115

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C200000-493C
Matrix:	WATER	**Lab WorkOrder:**	JRELF1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/20/07 17:45
QC Batch ID:	7079493	**Date/Time Analyzed:**	03/27/07 11:27
Sample Aliquot:	1000 mL	**Instrument ID:**	Z2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Diesel Range Organics	2.00	1.68	84		54 - 115
Diesel Range Organics (C10-C28)	2.00	1.68	84		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	98	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	011F1101.
Lot/SDG Number:	D7C190124	**Lab Sample ID:**	D7C200000-493B
Matrix:	WATER	**Lab Work Order:**	JRELF1AA
Analysis Method:	8015B	**Date/Time Extracted:**	03/20/07 17:45
Extraction Method:	I09KI01	**Date/Time Analyzed:**	03/27/07 11:00
QC Batch ID:	7079493	**Instrument ID:**	Z2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-101A-7A1	JRA0C1AC	011F1101.	03/27/07	13:16
ASE-100A-7A1	JRA0F1AC	012F1201.	03/27/07	13:43
PL-511-7A1	JRA0G1AC	013F1301.	03/27/07	14:10
ASE-103A-7A1	JRA0H1AC	014F1401.	03/27/07	14:37
ASE-110A-7A1	JRA0P1AC	015F1501.	03/27/07	15:05
ASE-98A-7A1	JRAX41AC	008F0801.	03/27/07	11:54
ASE-99A-7A1	JRAX61AC	009F0901.	03/27/07	12:21
ASE-102A-7A1	JRAX71AC	010F1001.	03/27/07	12:49
CHECK SAMPLE	JRELF1AC C	007F0701.	03/27/07	11:27

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC # : 37380_070315A
Page 1 of 1

Lab Use Only
Project No:
Job No.

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: ~~Mike Wiese~~ Jeff Yentes
Project Number:
Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐
Normal TAT

Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

Sample Identification: Location ID	Field Sample ID	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS / MSD	Filtered Sample	Unfiltered Sample	SW8260	Lab Sample Numbers
1 Trip Blank	TB-031507A	Mar 15 2007	0600	BLKWATER	WATER	2	X			X	X	
2 ASE-43B	ASE-43B-7A1	Mar 15 2007	0632	GW	WATER	3	X			X	X	
3 ASE-43C	ASE-43C-7A1	Mar 15 2007	0703	GW	WATER	3	X			X	X	
4 ASE-50C	ASE-50C-7A1	Mar 15 2007	0736	GW	WATER	3	X			X	X	
5 ASE-45B	ASE-45B-7A1	Mar 15 2007	0817	GW	WATER	3	X			X	X	
6 ~~BC-9~~	~~BC-9-7A1~~	~~Mar 15 2007~~	~~—~~	~~GW~~	~~WATER~~	~~3~~	~~X~~			~~X~~	~~X~~	
7 BC-3	BC-3-7A1	Mar 15 2007	1105	GW	WATER	3	X			X	X	
8 BC-17	BC-17-7A1	Mar 15 2007	1328	GW	WATER	3	X			X	X	
9 ASE-81A	ASE-81A-7A1	Mar 15 2007	1326	GW	WATER	3	X			X	X	
10 FIELDQC	PL-510-7A1	Mar 15 2007	1336	GW	WATER	3	X			X	X	
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												

Special Instructions: Standard TAT 10 days.

Relinquished by:	Company:	Date/Time:	Received by:	Company:
[signature]	Hargis + Assoc.	3-16-07 / 1845		FEDEX
Relinquished by:	Company:	Date/Time:	Received by:	Company:
		3/19/07 0815	[signature]	STL
Relinquished by:	Company:	Date/Time:	Received by:	Company:

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC # : 37380_070316A
Page 1 of 1

Lab Use Only
Project No:
Job No.

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: ~~Mike Wiese~~ Jeff Yerkes
Project Number:
Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐
Normal TAT

Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

	Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS / MSD	Filtered Sample	Unfiltered Sample	SW8260	Lab Sample Numbers
	Location ID	Field Sample ID											
1	Trip Blank	TB-031607A	Mar 16 2007	0600	BLKWATER	WATER	3	X			X	X	
2	ASE-79C	ASE-79C-7A1	Mar 16 2007	0833	GW	WATER	9	X	X		X	X	
3	PL-103C	PL-103C-7A1	Mar 16 2007	0749	GW	WATER	3	X			X	X	
4	PL-103A	PL-103A-7A1	Mar 16 2007	0725	GW	WATER	3	X			X	X	
5	ASE-29A	ASE-29A-7A1	Mar 16 2007	0610	GW	WATER	3	X			X	X	
6	BC-12	BC-12-7A1	Mar 16 2007	0645	GW	WATER	3	X			X	X	
7	ASE-71A	ASE-71A-7A1	Mar 16 2007	1002	GW	WATER	3	X			X	X	
8	ASE-71B	ASE-71B-7A1	Mar 16 2007	1103	GW	WATER	3	X			X	X	
9	ASE-33A	ASE-33A-7A1	Mar 16 2007		GW	WATER	3	X			X	X	→ Mr
10	ASE-77B	ASE-77B -7A1	Mar 16, 07	1312	GW	Water	3	X			X	X	
11	ASE-77A	ASE-77A -7A1	Mar 16, 07	1345	GW	Water	3	X			X	X	
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													

Special Instructions: Standard TAT 10 days.

Relinquished by:	Company:	Date/Time:	Received by:	Company:
J Yerkes	Hargis + Assoc	3-16-07 1845		FED EX
Relinquished by:	Company:	Date/Time:	Received by:	Company:
		3/19/07 0815	[signature]	STL
Relinquished by:	Company:	Date/Time:	Received by:	Company:

IRI
3/19/07

STL Denver

4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC # : 37380_070316B
Page 1 of 1

Lab Use Only
Project No:
Job No.

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: Mike Wiese
Project Number:
Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐
Normal TAT

	Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS / MSD	Filtered Sample	Unfiltered Sample	SW8015 (D20/H20)	SW8260	Lab Sample Numbers
	Location ID	Field Sample ID												
1	Trip Blank	TB-031607B	Mar 16 2007	0611	BLKWATER	WATER	3	X			X		X	
2	ASE-98A	ASE-98A-7A1	Mar 16 2007	1424	GW	WATER	5	X			X	X	X	
3	ASE-99A	ASE-99A-7A1	Mar 16 2007	1302	GW	WATER	5	X			X	X	X	
4	ASE-102A	ASE-102A-7A1	Mar 16 2007	1345	GW	WATER	5	X			X	X	X	
5	ASE-101A	ASE-101A-7A1	Mar 16 2007	0816	GW	WATER	5	X			X	X	X	
6	ASE-100A	ASE-100A-7A1	Mar 16 2007	1001	GW	WATER	5	X			X	X	X	
7	FIELDQC	PL-511-7A1	Mar 16 2007	0826	GW	WATER	5	X			X	X	X	
8	ASE-103A	ASE-103A-7A1	Mar 16 2007	1043	GW	WATER	5	X			X	X	X	
9	ASE-34B	ASE-34B-7A1	Mar 16 2007	1150	GW	WATER	3	X			X		X	
10	ASE-34A	ASE-34A-7A1	Mar 16 2007	1223	GW	WATER	3	X			X		X	
11	ASE-36A	ASE-36A-7A1	Mar 16 2007		GW	WATER	3	X			X		X	
12	ASE-110A	ASE-110A-7A1	03/16/07	0914	GW	WATER	5	X			X	X	X	
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														

Special Instructions: Standard TAT 10 days.

Relinquished by:	Company: Hargis + Assoc.	Date/Time: 3/16/07 1845	Received by: FED EX	Company: FED EX
Relinquished by:	Company:	Date/Time: 3/19/07 0815	Received by:	Company: STL
Relinquished by:	Company:	Date/Time:	Received by:	Company:

5.6, 4.7
IRI
3/19/07
Amended JLH 03/19/07

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0106

Chain Of Custody / Analysis Request

COC # : 37380_070316B
Page 1 of 1
Lab Use Only
Project No:
Job No:

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: Mike Wiese
Project Number:
Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐
Normal TAT

Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

	Sample Identification: Location ID	Sample Identification: Field Sample ID	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS / MSD	Filtered Sample	Unfiltered Sample	SW8015 (DRO/HRO)	SW8260	Lab Sample Numbers
1	Trip Blank	TB-031607B	Mar 16 2007	0611	BLKWATER	WATER	3	X			X		X	
2	ASE-98A	ASE-98A-7A1	Mar 16 2007	1424	GW	WATER	5	X			X	X	X	
3	ASE-99A	ASE-99A-7A1	Mar 16 2007	1302	GW	WATER	5	X			X	X	X	
4	ASE-102A	ASE-102A-7A1	Mar 16 2007	1345	GW	WATER	5	X			X	X	X	
5	ASE-101A	ASE-101A-7A1	Mar 16 2007	0816	GW	WATER	5	X			X	X	X	
6	ASE-100A	ASE-100A-7A1	Mar 16 2007	1001	GW	WATER	5	X			X	X	X	
7	FIELDQC	PL-511-7A1	Mar 16 2007	0826	GW	WATER	5	X			X	X	X	
8	ASE-103A	ASE-103A-7A1	Mar 16 2007	1043	GW	WATER	5	X			X	X	X	
9	ASE-34B	ASE-34B-7A1	Mar 16 2007	1150	GW	WATER	3	X			X		X	
10	ASE-34A	ASE-34A-7A1	Mar 16 2007	1223	GW	WATER	3	X			X		X	
~~11~~	~~ASE-36A~~	~~ASE-36A-7A1~~	~~Mar 16 2007~~		~~GW~~	~~WATER~~	~~3~~	~~X~~			~~X~~		~~X~~	Not Sampled
12	ASE-110A	ASE-110A-7A1	03/16/07	0914	GW	Water	5	X			X	X	X	
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														

Special Instructions: Standard TAT 10 days.

Relinquished by:	Company:	Date/Time:	Received by:	Company:
[signature]	Hargis + Assoc	3/16/07 1945	FED EX	FED EX
		3/19/07 0815	[signature]	STL

Amended COC by JLH 4/19/07

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0100

Chain Of Custody / Analysis Request

COC # : 37380_070316A
Page 1 of 1
Lab Use Only
Project No:
Job No.

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: Mike Wiese. Jeff Gordon
Project Number:
Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐
Normal TAT

Sample Identification: Location ID	Field Sample ID	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS / MSD	Filtered Sample	Unfiltered Sample	SW8260	Lab Sample Numbers
1 Trip Blank	TB-031607A	Mar 16 2007	0600	BLKWATER	WATER	23	X			X	X	
2 ASE-79C	ASE-79C-7A1	Mar 16 2007	0833	GW	WATER	9	X	X		X	X	
3 PL-103C	PL-103C-7A1	Mar 16 2007	0749	GW	WATER	3	X			X	X	
4 PL-103A	PL-103A-7A1	Mar 16 2007	0725	GW	WATER	3	X			X	X	
5 ASE-29A	ASE-29A-7A1	Mar 16 2007	0610	GW	WATER	3	X			X	X	
X 6 BC-12 BC-9	~~BC-12-7A1~~ BC-9-7A1	Mar 16 2007	0645	GW	WATER	3	X			X	X	PA for ASE-9
7 ASE-71A	ASE-71A-7A1	Mar 16 2007	1003	GW	WATER	3	X			X	X	
8 ASE-71B	ASE-71B-7A1	Mar 16 2007	1103	GW	WATER	3	X			X	X	
9 ASE-33A	ASE-33A-7A1	Mar 16 2007		GW	WATER	3	X			X	X	PA
10 ASE-77B	ASE-77B-7A1	March 16	1312	GW	Water	3	X			X	X	
11 ASE-77A	ASE-77A-7A1	March 16	1345	GW	Water	3	X			X	X	
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												

Special Instructions: Standard TAT 10 days.
* BC-9 ?

Relinquished by:	Company:	Date/Time:	Received by:	Company:
[signature]	Honeywell	3-16-07 1545		FED EX
Relinquished by:	Company:	Date/Time:	Received by:	Company:
Relinquished by:	Company:	Date/Time:	Received by:	Company:

303431 7171

STL Denver

Sample Receiving Checklist

Lot #: D7C190124 Date/Time Received: 3/19/07 0815

Company Name & Sampling Site: CH2M Hill

PM to Complete This Section: *Yes* *No* *Yes* *No*

Residual chlorine check required: ☐ ☐ Quarantined : ☐ ☐

Quote #:

Special Instructions:

Time Zone:

• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): 1 2

Temperatures (°C): 5.6 4.7

N/A	*Yes*	*No*		*Initials*
☐	☑	☐	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	AB
	☑	☐	2. Chain of custody present? If no, document on CUR.	
	☐	☑	3. Bottles broken and/or are leaking? If yes, document on CUR.	
	☐	☑	4. Multiphasic samples obvious? If yes, document on CUR.	
	☑	☐	5. Proper container & preservatives used? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR.	
☑	☐	☐	6. pH of all samples checked and meet requirements? If no, document on CUR.	
	☑	☐	7. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.	
	☑	☐	8. Did chain of custody agree with labels ID and samples received? If no, document on CUR.	
☐	☑	☐	9. Were VOA samples without headspace? If no, document on CUR.	
☐	☑	☐	10. Were VOA vials preserved? Preservative ☑HCl ☐4±2°C ☐Sodium Thiosulfate ☐ Ascorbic Acid	
	☐	☑	11. Did samples require preservation with sodium thiosulfate?	
☑	☐	☐	12. If yes to #11, did the samples contain residual chlorine? If yes, document on CUR.	
☑	☐	☐	13. Sediment present in dissolved/filtered bottles? If yes, document on CUR.	
☐	☑	☐	14. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☑	☐	15. Receipt date(s) > 48 hours past the collection date(s)? If yes, notify PA/PM.	
	☐	☑	16. Are analyses with short holding times requested?	
	☐	☑	17. Was a quick Turn Around (TAT) requested?	

STL Denver

Sample Receiving Checklist

Lot # D7C190124

Login Checks:

Initials DB

N/A	Yes	No		
	☑	☐	18.	Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.
☐	☑	☐	19.	Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.
	☑	☐	20.	Did the chain of custody includes "received by" and "relinquished" by signatures, dates, and times?
☐	☑	☐	21.	Were special log in instructions read and followed?
☑	☐	☐	22.	Were AFCEE metals logged for refrigerated storage?
	☑	☐	23.	Were tests logged checked against the COC? Which samples were confirmed? 1
☑	☐	☐	24.	Was a Rush form completed for quick TAT?
☑	☐	☐	25.	Was a Short Hold form completed for any short holds?
	☐	☑	26.	Is "Strict ICOC" required?
	☐	☑	27.	Were special archiving instructions indicated in the General Comments? If so, what were they?

_____

Labeling and Storage Checks:

Initials [illegible]

☑	☐	☐	28.	Was the subcontract COC signed and sent with samples to bottle prep?
	☑	☐	29.	Were sample labels double-checked by a second person?
☑	☐	☐	30.	Were sample bottles and COC double checked for dissolved/filtered metals by a second person?
	☑	☐	31.	Did the sample ID, Date, and Time from label match what was logged?
☑	☐	☐	32.	Were stickers for special archiving instructions affixed to each box and to the ICOC? See #27
☑	☐	☐	33.	Were AFCEE metals stored refrigerated?
☑	☐	☐	34.	Were "Strict ICOC" copies given to satellite storage areas?

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR).

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Honeywell GW Program

Lot #: D7C220288

Daniel Moore

CH2M Hill, Inc
727 North First Street
Suite 400
St Louis, MO 63102

STL DENVER

Karen Kuoppala
Project Manager

March 26, 2007
April 23, 2007 - Revised

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	

- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **QC by Method**
- **Chain-of-Custody**

Case Narrative
Lot D7C220288
With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted.

The test results presented in this report meet all requirements of NELAC, and any exceptions are noted. This report shall not be reproduced, except in full, without written permission from the laboratory.

This report has been revised to correct the sample identification to the field sample ID, not location ID. In addition, Arizona qualifiers were added as needed.

Sample Receiving
One sample was received at STL Denver on March 22, 2007. The sample was received in good condition at a temperature of 2.8°C.

GCMS Volatiles – MethodCFR136A 624
The MS/MSD associated with batch 7082395 was performed on a sample from another lot and/or client and exhibited spike compound and surrogate recovers outside of the control limits. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing within the method acceptable guidelines.

Acetone, vinyl acetate, 2-butanone, and carbon tetrachloride were recovered outside the QC limits, biased high in the second source Initial Calibration Verification (ICV) standard. This is an indicator that data may be biased high. As no detectable concentrations re present in the associated samples, corrective action was not taken.

Quality Control Definitions of Terms

Term	Definition
Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. A LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. An LCSD is a second Laboratory Control Sample.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MSs/MSDs are carried throughout the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.
Sample Duplicate	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative of the precision for other samples in the batch.
Method Detection Limit "MDL"	The method detection limit is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from replicate analyses of low level standards in a typical representative matrix.
Reporting Limit "RL"	The STL reporting limit is normally the lowest level at which measurements become quantitatively meaningful, ie., the quantitation limit, which is approximately three times the MDL. Some projects require RLs that are less than the quantitation limit to achieve particular maximum contaminant levels (MCLs) or relevant and appropriate requirements (ARARs), but RLs cannot be less than the statistically determined MDL.

Quality Control Definitions of Qualifiers

Qualifier	Definition
*	Surrogate or Relative Percent Difference (RPD) is outside control limits.
a	Spiked analyte recovery is outside control limits.
B	Organics: Method blank contamination. The associated method blank contains the target analyte at a reportable level. Inorganics: Estimated result. Result is less than the RL
COL	More than 40% difference between the primary and confirmation detector results. The lower of the two results is reported.
DIL	The concentration is estimated or not reported due to dilution.
E	Estimated result. Result concentration exceeds the calibration range.
G	Inorganics: Elevated reporting limit. The reporting limit is elevated due to matrix interference.
J	Organics: Estimated result. Result is less than RL Inorganics: Method blank contamination. The associated method blank contains the target analyte at a reportable level.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present
N	Spiked analyte recovery is outside stated control limits.
NC	The recovery and/or RPD were not calculated.
ND	The analyte was not detected at the MDL concentration and with a measurable degree of confidence can be said not to be present at or above the RL concentration.
p	Relative percent difference (RPD) is outside stated control limits.
Q	Elevated reporting limit. The reporting limit is elevated due to high analyte levels.
V	General Chemistry: Elevated reporting limit due to limited sample volume.
Wa	Post digestion spike recovery fell between 40-85% due to matrix interference.
Wb	Post digestion spike recovery fell between 115-150% due to matrix interference.
I	Percent recovery is estimated since the results exceeded the calibration range.
T1	A tentatively identified compound that did not generate a spectral match of 80% or greater. Typically called "unknown"
T2	A tentatively identified compound with a spectral match of 80% or better
T3	A tentatively identified compound that was calibrated for by the lab, but not on the client target analyte list.
IC	Diluted due to high inorganic chloride.

Arizona Data Qualifiers
Revision 2.0

Qualifier	Definition
B1	Target analyte detected in method blank at or above the method reporting limit.
B2	Non-target analyte detected in method blank and sample, producing interference.
B3	Target analyte detected in calibration blank at or above the method reporting limit.
B4	Target analyte detected in blank at/above method acceptance criteria.
B5	Target analyte detected in method blank at or above the method reporting limit, but below trigger level or **MCL**.
B6	Target analyte detected in calibration blank at or above the method reporting limit, but below trigger level or **MCL**.
B7	Target analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10x above the concentration found in the method blank.
C1	Confirmatory analysis not performed as required by the method.
C3	Qualitative confirmation performed.
C4	Confirmatory analysis was past holding time.
C5	Confirmatory analysis was past holding time. Original result not confirmed.
C6	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the higher value was reported as there was no obvious chromatographic interference.
C7	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic interference.
D1	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analytes.
D3	Sample dilution required due to insufficient sample.
D4	Minimum reporting level (MRL) adjusted to reflect sample amount received and analyzed.
E1	Concentration estimated. Analyte exceeded calibration range. Reanalysis is not possible due to insufficient sample.
E2	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to sample matrix.
E3	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL).
E5	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL), but not confirmed by alternate analysis.
E6	Concentration estimated. Internal standard recoveries did not meet method acceptance criteria.
E7	Concentration estimated. Internal standard recoveries did not meet lab acceptance criteria.
E8	Analyte reported to MDL per project specifications. Target analyte was not detected in the sample.

Qualifier	Definition
H1	Sample analysis performed past holding time.
H2	Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
H3	Sample was received and analyzed past holding time.
H4	Sample was extracted past required extraction holding time, but analyzed within analysis holding time.
L1	The associated blank spike recovery was above lab acceptance limits.
L2	The associated blank spike recovery was below lab acceptance limits.
L3	The associated blank spike recovery was above method acceptance limits.
L4	The associated blank spike recovery was below method acceptance limits.
M1	Matrix spike recovery was high; the method control sample recovery was acceptable.
M2	Matrix spike recovery was low; the method control sample recovery was acceptable.
M3	The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to spike level. The method control sample recovery was acceptable.
M4	The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
M5	Analyte concentration was determined by the Method of Standard Addition (MSA).
M6	Matrix spike recovery was high. Data reported per ADEQ policy 0154.000.
M7	Matrix spike recovery was low. Data reported per ADEQ policy 0154.000.
Q1	Sample integrity was not maintained. See case narrative.
Q2	Sample received with head space.
Q3	Sample received with improper chemical preservation.
Q4	Sample received and analyzed without chemical preservation.
Q5	Sample received with inadequate chemical preservation, but preserved by the laboratory.
Q6	Sample was received above recommended temperature.
Q7	Sample inadequately dechlorinated.
Q8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
Q9	Insufficient sample received to meet method QC requirements.
Q10	Sample received in inappropriate sample container.
Q11	Sample is heterogeneous. Sample homogeneity could not be readily achieved using routine laboratory practices.

Qualifier	Definition
R1	RPD exceeded the method control limit. See case narrative.
R2	RPD exceeded the laboratory control limit. See case narrative.
R4	MS/MSD RPD exceeded the method control limit. Recovery met acceptance criteria.
R5	MS/MSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R6	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R8	Sample RPD exceeded the method control limit.
R9	Sample RPD exceeded the laboratory control limit.
R10	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic problems.
R11	The RPD calculation for MS/MSD does not provide useful information due to the varying sample weights when Encore samplers/methanol field preserved samples are used.
S1	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits.
S3	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits. No target analytes were detected in the sample.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.
S5	Surrogate recovery was below laboratory acceptance limits, but within method acceptance limits.
S6	Surrogate recovery was below laboratory and method acceptance limits. Re-extraction and/or reanalysis confirm low recovery caused by matrix effect.
S7	Surrogate recovery was below laboratory and method acceptance limits. Unable to confirm matrix effect.
S8	The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The method control sample recovery was acceptable.
S10	Surrogate recovery was above laboratory and method acceptance limits. See case narrative.
S11	Surrogate recovery was high. Data reported per ADEQ policy 0154.000.
S12	Surrogate recovery was low. Data reported per ADEQ policy 0154.000.
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.
V2	CCV recovery was above method acceptance limits. This target analyte was detected in the sample. The sample could not be reanalyzed due to insufficient sample.
V3	CCV recovery was above method acceptance limits. This target analyte was detected in the sample, but the sample was not reanalyzed. See case narrative.
V4	CCV recovery was below method acceptance limits. The sample could not be reanalyzed due to insufficient sample.

Qualifier	Definition
V5	CCV recovery after a group of samples was above acceptance limits. This target analyte was not detected in the sample. Acceptance per EPA Method 8000B.
V6	Data reported from one-point calibration criteria per ADEQ policy 0155.000.
V7	Calibration verification recovery was above the method control limits for this analyte; however the average % difference or % drift for all the analytes met method criteria.
V8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
W1	The % RSD for this compound was above 20%. The average % RSD for all compounds in the calibration met the 20% criteria as specified in EPA Method 8000B.
W2	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA Method 8260B/8270C

EXECUTIVE SUMMARY - Detection Highlights

D7C220288

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TANK-18-7A1 03/21/07 12:34 001				
Trichloroethene	10	5.0	ug/L	CFR136A 624

METHODS SUMMARY

D7C220288

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Purgeables	CFR136A 624	CFR136A 624

References:

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

METHOD / ANALYST SUMMARY

D7C220288

ANALYTICAL METHOD	ANALYST	ANALYST ID
CFR136A 624	Jennifer Hazard	007928

References:

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

SAMPLE SUMMARY

D7C220288

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JRKCC	001	TANK-18-7A1	03/21/07	12:34

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

D7C220288

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	CFR136A 624		7082395	7082241

STL

Volatile GC/MS

Lot ID: D7C220288

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 001

Batch: 7082395

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TANK-18-7A1
Lot/SDG Number:	D7C220288	**Lab Sample ID:**	D7C220288-001
Matrix:	WATER	**Lab WorkOrder:**	JRKCC1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 12:34
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082395	**Date/Time Analyzed:**	03/23/07 02:12
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-55-6	1,1,1-Trichloroethane	ND	5.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0		
79-00-5	1,1,2-Trichloroethane	ND	5.0		
75-34-3	1,1-Dichloroethane	ND	5.0		
75-35-4	1,1-Dichloroethene	ND	5.0		
95-50-1	1,2-Dichlorobenzene	ND	5.0		
107-06-2	1,2-Dichloroethane	ND	5.0		
78-87-5	1,2-Dichloropropane	ND	5.0		
541-73-1	1,3-Dichlorobenzene	ND	5.0		
106-46-7	1,4-Dichlorobenzene	ND	5.0		
71-43-2	Benzene	ND	5.0		
75-27-4	Bromodichloromethane	ND	5.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	10		
56-23-5	Carbon tetrachloride	ND	5.0		
108-90-7	Chlorobenzene	ND	5.0		
75-00-3	Chloroethane	ND	10		
67-66-3	Chloroform	ND	5.0		
74-87-3	Chloromethane	ND	10		
156-59-2	cis-1,2-Dichloroethene	ND	5.0		
10061-01-5	cis-1,3-Dichloropropene	ND	5.0		
124-48-1	Dibromochloromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
127-18-4	Tetrachloroethene	ND	5.0		
108-88-3	Toluene	ND	5.0		
156-60-5	trans-1,2-Dichloroethene	ND	5.0		
10061-02-6	trans-1,3-Dichloropropene	ND	5.0		
79-01-6	Trichloroethene	**10**	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TANK-18-7A1
Lot/SDG Number:	D7C220288	**Lab Sample ID:**	D7C220288-001
Matrix:	WATER	**Lab WorkOrder:**	JRKCC1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 12:34
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082395	**Date/Time Analyzed:**	03/23/07 02:12
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
75-69-4	Trichlorofluoromethane	ND	5.0		
75-01-4	Vinyl chloride	ND	10		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	96	73	122		
2037-26-5	Toluene-d8	95	80	120		
460-00-4	4-Bromofluorobenzene	85	79	119		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220288	**Lab Sample ID:**	D7C230000-395B
Matrix:	WATER	**Lab WorkOrder:**	JRNC51AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082395	**Date/Time Analyzed:**	03/23/07 00:30
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.66	0.66	5.0	
100-41-4	Ethylbenzene	0.20	0.20	5.0	
75-69-4	Trichlorofluoromethane	0.26	0.26	5.0	
75-09-2	Methylene chloride	0.97	0.97	5.0	
71-43-2	Benzene	0.22	0.22	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.26	0.26	5.0	
127-18-4	Tetrachloroethene	0.30	0.30	5.0	
108-88-3	Toluene	0.27	0.27	5.0	
71-55-6	1,1,1-Trichloroethane	0.35	0.35	5.0	
79-00-5	1,1,2-Trichloroethane	0.62	0.62	5.0	
79-01-6	Trichloroethene	0.30	0.30	5.0	
75-01-4	Vinyl chloride	0.49	0.49	10	
1330-20-7	Xylenes (total)	0.20	0.20	10	
75-27-4	Bromodichloromethane	0.26	0.26	5.0	
75-25-2	Bromoform	0.48	0.48	5.0	
74-83-9	Bromomethane	0.47	0.47	10	
56-23-5	Carbon tetrachloride	0.24	0.24	5.0	
108-90-7	Chlorobenzene	0.24	0.24	5.0	
124-48-1	Dibromochloromethane	0.71	0.71	5.0	
75-00-3	Chloroethane	0.84	0.84	10	
67-66-3	Chloroform	0.40	0.40	5.0	
74-87-3	Chloromethane	0.89	0.89	10	
95-50-1	1,2-Dichlorobenzene	0.50	0.50	5.0	
541-73-1	1,3-Dichlorobenzene	0.55	0.55	5.0	
106-46-7	1,4-Dichlorobenzene	0.56	0.56	5.0	
75-34-3	1,1-Dichloroethane	0.32	0.32	5.0	
107-06-2	1,2-Dichloroethane	0.19	0.19	5.0	
75-35-4	1,1-Dichloroethene	0.44	0.44	5.0	
156-59-2	cis-1,2-Dichloroethene	0.33	0.33	5.0	

Form 1 Prep Blank Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220288	**Lab Sample ID:**	D7C230000-395B
Matrix:	WATER	**Lab WorkOrder:**	JRNC51AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082395	**Date/Time Analyzed:**	03/23/07 00:30
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
156-60-5	trans-1,2-Dichloroethene	0.71	0.71	5.0	
78-87-5	1,2-Dichloropropane	0.36	0.36	5.0	
10061-01-5	cis-1,3-Dichloropropene	0.25	0.25	5.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
[illegible]060-07-0	1,2-Dichloroethane-d4	98	73	122	
[illegible]-26-5	Toluene-d8	95	80	120	
46[illegible]00-4	4-Bromofluorobenzene	87	79	119	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I15DN01

Lot/SDG Number: D7C220288 **QC Batch ID:** 7082395

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
TANK-18-7A1	JRKCC1AA	96	85	95						0
LAB MS/MSD MS	JRKM61AC	89	85	98						0
LAB MS/MSD MSD	JRKM61AD	94	78 *	90						1
INTRA-LAB BLANK	JRNC51AA	98	87	95						0
CHECK SAMPLE	JRNC51AC	115	83	88						0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	73	122
SRG 2	4-Bromofluorobenzene	79	119
SRG 3	Toluene-d8	80	120

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220288	**Lab Sample ID:**	D7C230000-395C
Matrix:	WATER	**Lab WorkOrder:**	JRNC51AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082395	**Date/Time Analyzed:**	03/23/07 10:41
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	20.0	21.5	108		17 - 183
Ethylbenzene	20.0	23.6	118		37 - 162
Trichlorofluoromethane	20.0	20.0	100		17 - 181
Methylene chloride	20.0	23.2	116		10 - 221
Benzene	20.0	28.1	141		37 - 151
1,1,2,2-Tetrachloroethane	20.0	22.1	110		46 - 157
Tetrachloroethene	20.0	24.3	121		64 - 148
Toluene	20.0	25.3	127		47 - 150
1,1,1-Trichloroethane	20.0	20.9	104		52 - 162
1,1,2-Trichloroethane	20.0	22.6	113		52 - 150
Trichloroethene	20.0	24.9	124		71 - 157
Vinyl chloride	20.0	21.7	109		10 - 251
Bromodichloromethane	20.0	23.7	118		35 - 155
Bromoform	20.0	20.4	102		45 - 169
Bromomethane	20.0	20.9	104		10 - 242
Carbon tetrachloride	20.0	25.5	128		70 - 140
Chlorobenzene	20.0	23.3	117		37 - 160
Dibromochloromethane	20.0	20.2	101		53 - 149
Chloroethane	20.0	21.2	106		14 - 230
Chloroform	20.0	25.7	128		51 - 138
Chloromethane	20.0	21.7	108		10 - 273
1,2-Dichlorobenzene	20.0	22.2	111		18 - 190
1,3-Dichlorobenzene	20.0	22.8	114		59 - 156
1,4-Dichlorobenzene	20.0	22.3	112		18 - 190
1,1-Dichloroethane	20.0	30.0	150		59 - 155
1,2-Dichloroethane	20.0	25.3	127		49 - 155
1,1-Dichloroethene	20.0	23.1	115		10 - 234
trans-1,2-Dichloroethene	20.0	28.8	144		54 - 156
1,2-Dichloropropane	20.0	23.7	118		10 - 210

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220288	**Lab Sample ID:**	D7C230000-395C
Matrix:	WATER	**Lab WorkOrder:**	JRNC51AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082395	**Date/Time Analyzed:**	03/23/07 10:41
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
cis-1,3-Dichloropropene	20.0	24.5	123		10 - 227

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
1[illegible]60-07-0	1,2-Dichloroethane-d4	115	73	122	
2[illegible]7-26-5	Toluene-d8	88	80	120	
4[illegible]00-4	4-Bromofluorobenzene	83	79	119	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220288	**MS Lab Sample ID:**	D7C220332-001S
Matrix:	WATER	**MS Lab WorkOrder:**	JRKM61AC
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 13:25
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082395	**Date/Time Analyzed:**	03/23/07 03:27
MS Sample Aliquot:	5 mL	**Instrument ID:**	G
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1-Trichloroethane	20.0	0.35		17.4	87		52 - 162
1,1,2,2-Tetrachloroethane	20.0	0.26		25.4	127		46 - 157
1,1,2-Trichloroethane	20.0	0.62		24.0	120		52 - 150
1,1-Dichloroethane	20.0	0.32		24.4	122		59 - 155
1,1-Dichloroethene	20.0	0.44		17.6	88		10 - 234
1,2-Dichlorobenzene	20.0	0.50		20.2	101		18 - 190
1,2-Dichloroethane	20.0	0.19		19.5	98		49 - 155
1,2-Dichloropropane	20.0	0.36		21.5	108		10 - 210
1,3-Dichlorobenzene	20.0	0.55		19.3	97		59 - 156
1,4-Dichlorobenzene	20.0	0.56		18.9	95		18 - 190
Benzene	20.0	0.22		20.0	100		37 - 151
Bromodichloromethane	20.0	0.26		19.0	95		35 - 155
Bromoform	20.0	0.48		21.9	109		45 - 169
Bromomethane	20.0	0.47		14.8	74		10 - 242
Carbon tetrachloride	20.0	0.24		16.3	82		70 - 140
Chlorobenzene	20.0	0.24		20.0	100		37 - 160
Chloroethane	20.0	0.84		17.5	87		14 - 230
Chloroform	20.0	0.40		22.4	112		51 - 138
Chloromethane	20.0	0.89		16.7	83		10 - 273
cis-1,3-Dichloropropene	20.0	0.25		19.0	95		10 - 227
Dibromochloromethane	20.0	0.71		21.0	105		53 - 149
Ethylbenzene	20.0	0.20		20.4	102		37 - 162
Methylene chloride	20.0	0.97		22.4	98		10 - 221
Tetrachloroethene	20.0	0.30		19.8	99		64 - 148
Toluene	20.0	0.27		22.3	111		47 - 150
trans-1,2-Dichloroethene	20.0	0.71		24.3	121		54 - 156
trans-1,3-Dichloropropene	20.0	0.66		21.6	108		17 - 183
Trichloroethene	20.0	0.30		19.2	96		71 - 157
Trichlorofluoromethane	20.0	0.26		15.3	77		17 - 181
Vinyl chloride	20.0	0.49		15.6	78		10 - 251

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220288	**MS Lab Sample ID:**	D7C220332-001S
Matrix:	WATER	**MS Lab WorkOrder:**	JRKM61AC
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 13:25
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082395	**Date/Time Analyzed:**	03/23/07 03:27
MS Sample Aliquot:	5 mL	**Instrument ID:**	G
MS Dilution Factor:	1		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	89	73	122	
460-00-4	4-Bromofluorobenzene	85	79	119	
2037-26-5	Toluene-d8	98	80	120	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220288	**MSD Lab Sample ID:**	D7C220332-001D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRKM61AD
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 13:25
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082395	**Date/Time Analyzed:**	03/23/07 03:53
MSD Sample Aliquot:	5 mL	**Instrument ID:**	G
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1-Trichloroethane	20.0	0.35		15.7	79	9.8		52 - 162	30
1,1,2,2-Tetrachloroethane	20.0	0.26		23.6	118	7.3		46 - 157	30
1,1,2-Trichloroethane	20.0	0.62		21.8	109	9.6		52 - 150	30
1,1-Dichloroethane	20.0	0.32		22.4	112	8.5		59 - 155	30
1,1-Dichloroethene	20.0	0.44		16.2	81	8.2		10 - 234	30
1,2-Dichlorobenzene	20.0	0.50		18.9	95	6.4		18 - 190	30
1,2-Dichloroethane	20.0	0.19		21.6	108	9.9		49 - 155	30
1,2-Dichloropropane	20.0	0.36		20.0	100	7.4		10 - 210	30
1,3-Dichlorobenzene	20.0	0.55		17.8	89	8.4		59 - 156	30
1,4-Dichlorobenzene	20.0	0.56		17.4	87	8.4		18 - 190	30
Benzene	20.0	0.22		20.5	102	2.0		37 - 151	30
Bromodichloromethane	20.0	0.26		17.3	86	9.4		35 - 155	30
Bromoform	20.0	0.48		20.3	101	7.6		45 - 169	30
Bromomethane	20.0	0.47		13.9	70	5.8		10 - 242	30
Carbon tetrachloride	20.0	0.24		13.1	66	22		70 - 140	30
Chlorobenzene	20.0	0.24		18.9	95	5.6		37 - 160	30
Chloroethane	20.0	0.84		14.8	74	16		14 - 230	30
Chloroform	20.0	0.40		20.2	101	10		51 - 138	30
Chloromethane	20.0	0.89		15.1	75	10		10 - 273	30
cis-1,3-Dichloropropene	20.0	0.25		18.1	91	4.6		10 - 227	30
Dibromochloromethane	20.0	0.71		19.3	97	8.5		53 - 149	30
Ethylbenzene	20.0	0.20		18.1	90	12		37 - 162	30
Methylene chloride	20.0	0.97		21.4	93	4.4		10 - 221	30
Tetrachloroethene	20.0	0.30		17.2	86	14		64 - 148	30
Toluene	20.0	0.27		20.0	100	11		47 - 150	30

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220288	**MSD Lab Sample ID:**	D7C220332-001D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRKM61AD
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 13:25
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/22/07 11:20
QC Batch ID:	7082395	**Date/Time Analyzed:**	03/23/07 03:53
MSD Sample Aliquot:	5 mL	**Instrument ID:**	G
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
trans-1,2-Dichloroethene	20.0	0.71		21.9	110	10		54 - 156	30
trans-1,3-Dichloropropene	20.0	0.66		20.1	101	7.2		17 - 183	30
Trichloroethene	20.0	0.30		17.4	87	10		71 - 157	30
Dichlorofluoromethane	20.0	0.26		13.4	67	13		17 - 181	30
[illegible]l chloride	20.0	0.49		14.8	74	5.0		10 - 251	30

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	94	73	122	
460-00-4	4-Bromofluorobenzene	78	79	119	
2037-26-5	Toluene-d8	90	80	120	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	G5212.D
Lot/SDG Number:	D7C220288	**Lab Sample ID:**	D7C230000-395B
Matrix:	WATER	**Lab Work Order:**	JRNC51AA
Analysis Method:	624	**Date/Time Extracted:**	03/22/07 11:20
Extraction Method:	I15DJ01	**Date/Time Analyzed:**	03/23/07 00:30
QC Batch ID:	7082395	**Instrument ID:**	G

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
LAB MS/MSD MS	JRKM61AC S	G5212.D	03/23/07	03:27
LAB MS/MSD MSD	JRKM61AD D	G5213.D	03/23/07	03:53
CHECK SAMPLE	JRNC51AC C	G5218.D	03/23/07	10:41

2.8°

Chain Of Custody / Analysis Request

955 Yarrow St
Arvada, CO 80002
03-736-0100

Sampling Co.:	CH2MHILL
Client Contact: (name, co., address)	
CH2M HILL	
625 South Plaza Drive, Suite 300	
Tempe, AZ 85282	
Preliminary Data To	Jennifer Holland, CH2M HILL
Sample Receipt Acknowledgement To	Jennifer Holland, CH2M HILL
Hard Copy To	Jennifer Holland, CH2M HILL
Invoice To:	CH2M HILL (Denver)

Privileged & Confidential	
EDD To:	Jennifer Holland jennifer.holland@ch2m.com
Sampler:	Mike Wiese
PO #	
Analysis Turnaround Time (TAT):	72 Hours
Consultant	"
Full Report TAT:	

Site Name:	Sky Harbor
Location of Site:	Phoenix, AZ
Phase:	
Sampling Program	Semi
Preservative	9

AESI Ref:	39149.65959
COC#	37380-
Lab Proj # (SDG):	
Lab ID	
Site ID	
Lab Job #	
Authorized User:	
Text & Excel File Drive	Excel & Text File Order

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Sample Identification

	Location ID	Start Depth (ft)	End Depth (ft)	Field Sample ID	Sample Date	Sample Time	Sample Type	Sample Matrix	Sample Purpose	# of Cont.	Composite/Grab	Field Filtered Sample ?	E624	Sampling Method (code)	Lab Sample Numbers
											Units				
1	TANK SAMPLE	N/A	N/A	TANK-18-7A1	03/21/07	1234	GW	WASTE	WC	3	G	N	X		
2															
3															
4															
5															
6															
7															
8															
9															
0															
1															
2															

Relinquished by MFW	Company HLA	Received by	Company FedEx	Condition	Custody Seals Intact	
	Date/Time 03/21/07 1700		Date/Time 03/21/07 1700	Cooler Temp.		
Relinquished by	Company	Received by	Company	Condition	Custody Seals Intact	
	Date/Time		Date/Time	Cooler Temp.		

Preservatives: (Other; Specify):

0 (none); 1 (4 Deg C); 2 (HCl pH<2); 3 (HNO3 pH<2); 4 (H2SO4 pH<2); 5 (NaOH pH>12); 6 (NaOH, Zn Acetate); 7 (H2SO4 (pH<2), 4 Deg C)); 8 (HCl pH<2); 9 (HCl 4 Deg C); 10 (HNO3 (pH<2), 4Deg C); 11 (4C NaOH (pH>12) & Ascorbic Acid); 12 (4C H2SO4 (pH<2) & Na2S2O3); 13 (Zn Acetate); sp (special instructions)

72hr TAT   Accompanied by TB-032107A

STL Denver

Sample Receiving Checklist

Lot #: D7C220288 Date/Time Received: 3.22.07 0845

Company Name & Sampling Site: Chem Hill

PM to Complete This Section: *Yes* *No* *Yes* *No*

Residual chlorine check required: ☐ ☐ Quarantined : ☐ ☐

Quote #: 73711

Special Instructions: RUSH TAT 5 DAYS P/KAREN

Time Zone:

• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): 1

Temperatures (°C): 2.8

N/A	*Yes*	*No*		*Initials*
☐	☑	☐	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	
	☑	☐	2. Chain of custody present? If no, document on CUR.	
	☐	☑	3. Bottles broken and/or are leaking? If yes, document on CUR.	
	☐	☑	4. Multiphasic samples obvious? If yes, document on CUR.	
	☑	☐	5. Proper container & preservatives used? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR.	
☑	☐	☐	6. pH of all samples checked and meet requirements? If no, document on CUR.	
	☑	☐	7. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.	
	☑	☐	8. Did chain of custody agree with labels ID and samples received? If no, document on CUR.	
☐	☑	☐	9. Were VOA samples without headspace? If no, document on CUR.	
☐	☑	☐	10. Were VOA vials preserved? Preservative ☑HCl ☐4±2°C ☐Sodium Thiosulfate ☐ Ascorbic Acid	
	☐	☑	11. Did samples require preservation with sodium thiosulfate?	
☑	☐	☐	12. If yes to #11, did the samples contain residual chlorine? If yes, document on CUR.	
☑	☐	☐	13. Sediment present in dissolved/filtered bottles? If yes, document on CUR.	
☑	☐	☐	14. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☐	☑	15. Receipt date(s) > 48 hours past the collection date(s)? If yes, notify PA/PM.	
	☐	☑	16. Are analyses with short holding times requested?	
	☐	☑	17. Was a quick Turn Around (TAT) requested?	

STL Denver

Sample Receiving Checklist

Lot # D7C220208

Login Checks:

N/A	Yes	No		Initials
	☑	☐	18. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.	
☑	☐	☐	19. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☑	☐	20. Did the chain of custody includes "received by" and "relinquished" by signatures, dates, and times?	
☐	☑	☐	21. Were special log in instructions read and followed?	
☑	☐	☐	22. Were AFCEE metals logged for refrigerated storage?	
	☑	☐	23. Were tests logged checked against the COC? Which samples were confirmed? 1	
☐	☑	☐	24. Was a Rush form completed for quick TAT?	
☑	☐	☐	25. Was a Short Hold form completed for any short holds?	
	☐	☑	26. Is "Strict ICOC" required?	
	☐	☑	27. Were special archiving instructions indicated in the General Comments? If so, what were they?	

Labeling and Storage Checks:

				Initials
☑	☐	☐	28. Was the subcontract COC signed and sent with samples to bottle prep?	
	☑	☐	29. Were sample labels double-checked by a second person?	
☑	☐	☐	30. Were sample bottles and COC double checked for dissolved/filtered metals by a second person?	
	☑	☐	31. Did the sample ID, Date, and Time from label match what was logged?	
☑	☐	☐	32. Were stickers for special archiving instructions affixed to each box and to the ICOC? See #27	
☑	☐	☐	33. Were AFCEE metals stored refrigerated?	
☑	☐	☐	34. Were "Strict ICOC" copies given to satellite storage areas?	

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR).

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Honeywell GW Program

Lot #: D7C220299

Daniel Moore

CH2M Hill, Inc
727 North First Street
Suite 400
St Louis, MO 63102

STL DENVER

Karen Kuoppala
Project Manager

April 24, 2007

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	

- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **QC by Method**
- **Chain-of-Custody**

Case Narrative
Lot D7C220299
With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted.

The test results presented in this report meet all requirements of NELAC, and any exceptions are noted. This report shall not be reproduced, except in full, without written permission from the laboratory.

This report has been revised to correct the sample identification for D7C220299-015 to ASE-41A-7A1.

Sample Receiving
Thirteen samples and two trip blanks were received at STL Denver on March 22, 2007. The samples were received in good condition at temperatures of 2.8°C and 1.4°C.

GCMS Volatiles – SW846 8260B
Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to analytes present above the linear calibration range, samples D7C220299-003 through 006, 010, 013, and 015 were analyzed at a dilution. The reporting limits have been adjusted relative to the dilution required. Associated results have been flagged "D2" as per the Arizona DHS.

The LCS associated with batch 7093407 exhibited a percent recovery above the QC limit for vinyl acetate. This is an indicator that data may be biased high. As no detectable concentrations of this compound are present in the associated samples, corrective action is deemed unnecessary. Associated results have been flagged "L1" as per the Arizona DHS.

A MS/MSD associated with batch 7092304 was performed on a sample from another lot and/or client and exhibited spike compound recoveries and relative percent differences outside the control limits for multiple compounds. Associated results were not flagged since the parent samples were not associated to this lot.

The MS/MSD associated with batch 7092304 was performed on D7C220299-004 and exhibited spike compound recoveries outside the control limits for multiple compounds. Associated results have been flagged "M1", "M2", "M3", or "R4" as appropriate as per the Arizona DHS.

The MS/MSD associated with batch 7093407 was performed on a sample from another lot and/or client and exhibited spike compound recoveries and relative percent differences outside the control limits for multiple compounds. Associated results were not flagged since the parent samples were not associated to this lot.

GC Semivolatiles Diesel Range Organics – SW846 8015B
The requested carbon ranges for DRO include the range from C10 to C32. The summation of C10 to C28 and C24 to C36 were used to calculate the reported results for C10 to C32.

A MS/MSD was not requested with the samples submitted in this lot.

Quality Control Definitions of Terms

Term	Definition
Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. A LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. An LCSD is a second Laboratory Control Sample.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MSs/MSDs are carried throughout the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.
Sample Duplicate	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative of the precision for other samples in the batch.
Method Detection Limit "MDL"	The method detection limit is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from replicate analyses of low level standards in a typical representative matrix.
Reporting Limit "RL"	The STL reporting limit is normally the lowest level at which measurements become quantitatively meaningful, ie., the quantitation limit, which is approximately three times the MDL. Some projects require RLs that are less than the quantitation limit to achieve particular maximum contaminant levels (MCLs) or relevant and appropriate requirements (ARARs), but RLs cannot be less than the statistically determined MDL.

Quality Control Definitions of Qualifiers

Qualifier	Definition
*	Surrogate or Relative Percent Difference (RPD) is outside control limits.
a	Spiked analyte recovery is outside control limits.
B	Organics: Method blank contamination. The associated method blank contains the target analyte at a reportable level. Inorganics: Estimated result. Result is less than the RL
COL	More than 40% difference between the primary and confirmation detector results. The lower of the two results is reported.
DIL	The concentration is estimated or not reported due to dilution.
E	Estimated result. Result concentration exceeds the calibration range.
G	Inorganics: Elevated reporting limit. The reporting limit is elevated due to matrix interference.
J	Organics: Estimated result. Result is less than RL Inorganics: Method blank contamination. The associated method blank contains the target analyte at a reportable level.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present
N	Spiked analyte recovery is outside stated control limits.
NC	The recovery and/or RPD were not calculated.
ND	The analyte was not detected at the MDL concentration and with a measurable degree of confidence can be said not to be present at or above the RL concentration.
p	Relative percent difference (RPD) is outside stated control limits.
Q	Elevated reporting limit. The reporting limit is elevated due to high analyte levels.
V	General Chemistry: Elevated reporting limit due to limited sample volume.
Wa	Post digestion spike recovery fell between 40-85% due to matrix interference.
Wb	Post digestion spike recovery fell between 115-150% due to matrix interference.
I	Percent recovery is estimated since the results exceeded the calibration range.
T1	A tentatively identified compound that did not generate a spectral match of 80% or greater. Typically called "unknown"
T2	A tentatively identified compound with a spectral match of 80% or better
T3	A tentatively identified compound that was calibrated for by the lab, but not on the client target analyte list.
IC	Diluted due to high inorganic chloride.

Arizona Data Qualifiers
Revision 2.0

Qualifier	Definition
B1	Target analyte detected in method blank at or above the method reporting limit.
B2	Non-target analyte detected in method blank and sample, producing interference.
B3	Target analyte detected in calibration blank at or above the method reporting limit.
B4	Target analyte detected in blank at/above method acceptance criteria.
B5	Target analyte detected in method blank at or above the method reporting limit, but below trigger level or **MCL**.
B6	Target analyte detected in calibration blank at or above the method reporting limit, but below trigger level or **MCL**.
B7	Target analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10x above the concentration found in the method blank.
C1	Confirmatory analysis not performed as required by the method.
C3	Qualitative confirmation performed.
C4	Confirmatory analysis was past holding time.
C5	Confirmatory analysis was past holding time. Original result not confirmed.
C6	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the higher value was reported as there was no obvious chromatographic interference.
C7	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic interference.
D1	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analytes.
D3	Sample dilution required due to insufficient sample.
D4	Minimum reporting level (MRL) adjusted to reflect sample amount received and analyzed.
E1	Concentration estimated. Analyte exceeded calibration range. Reanalysis is not possible due to insufficient sample.
E2	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to sample matrix.
E3	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL).
E5	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL), but not confirmed by alternate analysis.
E6	Concentration estimated. Internal standard recoveries did not meet method acceptance criteria.
E7	Concentration estimated. Internal standard recoveries did not meet lab acceptance criteria.
E8	Analyte reported to MDL per project specifications. Target analyte was not detected in the sample.

Qualifier	Definition
H1	Sample analysis performed past holding time.
H2	Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
H3	Sample was received and analyzed past holding time.
H4	Sample was extracted past required extraction holding time, but analyzed within analysis holding time.
L1	The associated blank spike recovery was above lab acceptance limits.
L2	The associated blank spike recovery was below lab acceptance limits.
L3	The associated blank spike recovery was above method acceptance limits.
L4	The associated blank spike recovery was below method acceptance limits.
M1	Matrix spike recovery was high; the method control sample recovery was acceptable.
M2	Matrix spike recovery was low; the method control sample recovery was acceptable.
M3	The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to spike level. The method control sample recovery was acceptable.
M4	The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
M5	Analyte concentration was determined by the Method of Standard Addition (MSA).
M6	Matrix spike recovery was high. Data reported per ADEQ policy 0154.000.
M7	Matrix spike recovery was low. Data reported per ADEQ policy 0154.000.
Q1	Sample integrity was not maintained. See case narrative.
Q2	Sample received with head space.
Q3	Sample received with improper chemical preservation.
Q4	Sample received and analyzed without chemical preservation.
Q5	Sample received with inadequate chemical preservation, but preserved by the laboratory.
Q6	Sample was received above recommended temperature.
Q7	Sample inadequately dechlorinated.
Q8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
Q9	Insufficient sample received to meet method QC requirements.
Q10	Sample received in inappropriate sample container.
Q11	Sample is heterogeneous. Sample homogeneity could not be readily achieved using routine laboratory practices.

Qualifier	Definition
R1	RPD exceeded the method control limit. See case narrative.
R2	RPD exceeded the laboratory control limit. See case narrative.
R4	MS/MSD RPD exceeded the method control limit. Recovery met acceptance criteria.
R5	MS/MSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R6	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R8	Sample RPD exceeded the method control limit.
R9	Sample RPD exceeded the laboratory control limit.
R10	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic problems.
R11	The RPD calculation for MS/MSD does not provide useful information due to the varying sample weights when Encore samplers/methanol field preserved samples are used.
S1	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits.
S3	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits. No target analytes were detected in the sample.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.
S5	Surrogate recovery was below laboratory acceptance limits, but within method acceptance limits.
S6	Surrogate recovery was below laboratory and method acceptance limits. Re-extraction and/or reanalysis confirm low recovery caused by matrix effect.
S7	Surrogate recovery was below laboratory and method acceptance limits. Unable to confirm matrix effect.
S8	The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The method control sample recovery was acceptable.
S10	Surrogate recovery was above laboratory and method acceptance limits. See case narrative.
S11	Surrogate recovery was high. Data reported per ADEQ policy 0154.000.
S12	Surrogate recovery was low. Data reported per ADEQ policy 0154.000.
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.
V2	CCV recovery was above method acceptance limits. This target analyte was detected in the sample. The sample could not be reanalyzed due to insufficient sample.
V3	CCV recovery was above method acceptance limits. This target analyte was detected in the sample, but the sample was not reanalyzed. See case narrative.
V4	CCV recovery was below method acceptance limits. The sample could not be reanalyzed due to insufficient sample.

Qualifier	Definition
V5	CCV recovery after a group of samples was above acceptance limits. This target analyte was not detected in the sample. Acceptance per EPA Method 8000B.
V6	Data reported from one-point calibration criteria per ADEQ policy 0155.000.
V7	Calibration verification recovery was above the method control limits for this analyte; however the average % difference or % drift for all the analytes met method criteria.
V8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
W1	The % RSD for this compound was above 20%. The average % RSD for all compounds in the calibration met the 20% criteria as specified in EPA Method 8000B.
W2	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA Method 8260B/8270C

EXECUTIVE SUMMARY - Detection Highlights

D7C220299

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-70A-7A1 03/21/07 09:21 002				
1,1-Dichloroethene	2.0	2.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	6.9	2.0	ug/L	SW846 8260B
Tetrachloroethene	2.3	1.0	ug/L	SW846 8260B
Trichloroethene	19	1.0	ug/L	SW846 8260B
PZ-1A-7A1 03/21/07 10:02 003				
1,1-Dichloroethene	6.6	4.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	26	4.0	ug/L	SW846 8260B
Tetrachloroethene	3.2	2.0	ug/L	SW846 8260B
Trichloroethene	52	2.0	ug/L	SW846 8260B
PZ-1B-7A1 03/21/07 10:34 004				
1,1-Dichloroethene	47	13	ug/L	SW846 8260B
cis-1,2-Dichloroethene	200	13	ug/L	SW846 8260B
cis-1,2-Dichloroethene	180	40	ug/L	SW846 8260B
Tetrachloroethene	22	6.7	ug/L	SW846 8260B
Trichloroethene	440 E	6.7	ug/L	SW846 8260B
Trichloroethene	410	20	ug/L	SW846 8260B
ASE-111A-7A1 03/21/07 14:11 005				
Diesel Range Organics (C10-C28)	0.075 J	0.25	mg/L	SW846 8015B
TPH C10-C32	0.076 J	0.25	mg/L	SW846 8015B
Benzene	200	6.7	ug/L	SW846 8260B
Ethylbenzene	31	13	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	25	13	ug/L	SW846 8260B
Methyl tert-butyl ether	68	33	ug/L	SW846 8260B
ASE-37A-7A1 03/21/07 12:51 006				
Diesel Range Organics (C10-C28)	0.20 J	0.25	mg/L	SW846 8015B
TPH C10-C32	0.20 J	0.25	mg/L	SW846 8015B
Benzene	65	5.0	ug/L	SW846 8260B
Ethylbenzene	11	10	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	13	10	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7C220299

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-41B-7A1 03/21/07 08:16 008				
1,1-Dichloroethane	16	2.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	4.9	2.0	ug/L	SW846 8260B
Trichloroethene	6.9	1.0	ug/L	SW846 8260B
Vinyl chloride	5.8	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	50	5.0	ug/L	SW846 8260B
Naphthalene	7.3	2.0	ug/L	SW846 8260B
ASE-40B-7A1 03/21/07 09:07 009				
1,1-Dichloroethane	5.4	2.0	ug/L	SW846 8260B
Trichloroethene	1.3	1.0	ug/L	SW846 8260B
Naphthalene	4.5	2.0	ug/L	SW846 8260B
PL-105A-7A1 03/21/07 09:37 010				
Diesel Range Organics (C10-C28)	0.81	0.25	mg/L	SW846 8015B
TPH C10-C32	0.81	0.25	mg/L	SW846 8015B
Benzene	20	4.0	ug/L	SW846 8260B
1,1-Dichloroethane	88	8.0	ug/L	SW846 8260B
Vinyl chloride	12	4.0	ug/L	SW846 8260B
Isopropylbenzene	9.0	8.0	ug/L	SW846 8260B
Naphthalene	47	8.0	ug/L	SW846 8260B
ASE-108A-7A1 03/21/07 10:15 011				
Diesel Range Organics (C10-C28)	0.12 J	0.25	mg/L	SW846 8015B
TPH C10-C32	0.14 J	0.25	mg/L	SW846 8015B
Benzene	6.1	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	25	2.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	2.1	2.0	ug/L	SW846 8260B
Trichloroethene	2.5	1.0	ug/L	SW846 8260B
Vinyl chloride	3.5	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	7.7	5.0	ug/L	SW846 8260B
Naphthalene	7.2	2.0	ug/L	SW846 8260B
ASE-62A-7A1 03/21/07 10:55 012				
1,1-Dichloroethane	9.4	2.0	ug/L	SW846 8260B
Trichloroethene	1.3	1.0	ug/L	SW846 8260B
Naphthalene	2.6	2.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7C220299

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-47B-7A1 03/21/07 13:27 013				
cis-1,2-Dichloroethene	25	8.0	ug/L	SW846 8260B
Trichloroethene	87	4.0	ug/L	SW846 8260B
ASE-26A-7A1 03/21/07 12:29 014				
1,1-Dichloroethane	3.7	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	15	2.0	ug/L	SW846 8260B
Trichloroethene	2.8	1.0	ug/L	SW846 8260B
Naphthalene	5.3	2.0	ug/L	SW846 8260B
ASE-41A-7A1 03/21/07 07:40 015				
Diesel Range Organics (C10-C28)	2.1	0.25	mg/L	SW846 8015B
TPH C10-C32	2.1	0.25	mg/L	SW846 8015B
Benzene	83	6.7	ug/L	SW846 8260B
1,1-Dichloroethane	25	13	ug/L	SW846 8260B
Ethylbenzene	49	13	ug/L	SW846 8260B
Vinyl chloride	9.4	6.7	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	20	13	ug/L	SW846 8260B
n-Propylbenzene	15	13	ug/L	SW846 8260B

METHODS SUMMARY

D7C220299

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3510
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7C220299

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 8015B	Heather Dybas	038161
SW846 8260B	Greg Meier	006004

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7C220299

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JRKDN	001	TB-032107A	03/21/07	08:00
JRKDQ	002	ASE-70A-7A1	03/21/07	09:21
JRKDV	003	PZ-1A-7A1	03/21/07	10:02
JRKDX	004	PZ-1B-7A1	03/21/07	10:34
JRKD4	005	ASE-111A-7A1	03/21/07	14:11
JRKEA	006	ASE-37A-7A1	03/21/07	12:51
JRKED	007	TB-03107B	03/21/07	06:00
JRKER	008	ASE-41B-7A1	03/21/07	08:16
JRKEX	009	ASE-40B-7A1	03/21/07	09:07
JRKE3	010	PL-105A-7A1	03/21/07	09:37
JRKE8	011	ASE-108A-7A1	03/21/07	10:15
JRKE9	012	ASE-62A-7A1	03/21/07	10:55
JRKFE	013	ASE-47B-7A1	03/21/07	13:27
JRKFH	014	ASE-26A-7A1	03/21/07	12:29
JRKFL	015	ASE-41A-7A1	03/21/07	07:40

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

D7C220299

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		7092304	7092200
002	WATER	SW846 8260B		7092304	7092200
003	WATER	SW846 8260B		7092304	7092200
004	WATER	SW846 8260B		7092304	7092200
005	WATER	SW846 8015B		7081435	
	WATER	SW846 8260B		7092304	7092200
006	WATER	SW846 8015B		7086097	
	WATER	SW846 8260B		7092304	7092200
007	WATER	SW846 8260B		7092304	7092200
008	WATER	SW846 8260B		7092304	7092200
009	WATER	SW846 8260B		7092304	7092200
010	WATER	SW846 8015B		7086097	
	WATER	SW846 8260B		7093407	7094022
011	WATER	SW846 8015B		7086097	
	WATER	SW846 8260B		7093407	7094022
012	WATER	SW846 8015B		7086097	
	WATER	SW846 8260B		7093407	7094022
013	WATER	SW846 8260B		7092304	7092200
014	WATER	SW846 8260B		7092304	7092200
015	WATER	SW846 8015B		7086097	
	WATER	SW846 8260B		7092304	7092200

STL

Volatile GC/MS

Lot ID: D7C220299

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 001 – 009, 013 - 015

Batch: 7092304

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-032107A
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-001
Matrix:	WATER	**Lab WorkOrder:**	JRKDN1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 08:00
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 11:45
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10	R4	
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-032107A
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-001
Matrix:	WATER	**Lab WorkOrder:**	JRKDN1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 08:00
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 11:45
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0	M2	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-032107A
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-001
Matrix:	WATER	**Lab WorkOrder:**	JRKDN1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 08:00
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 11:45
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	L1 M2	
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	78	70	127		
2037-26-5	Toluene-d8	108	83	125		
1868-53-7	Dibromofluoromethane	92	77	119		
460-00-4	4-Bromofluorobenzene	91	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-70A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-002
Matrix:	WATER	**Lab WorkOrder:**	JRKDQ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 09:21
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 12:04
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	**2.0**	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10	R4	
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-70A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-002
Matrix:	WATER	**Lab WorkOrder:**	JRKDQ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 09:21
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 12:04
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	**6.9**	2.0	M2	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**2.3**	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-70A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-002
Matrix:	WATER	**Lab WorkOrder:**	JRKDQ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 09:21
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 12:04
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**19**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	L1 M2	
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127		
2037-26-5	Toluene-d8	110	83	125		
1868-53-7	Dibromofluoromethane	95	77	119		
460-00-4	4-Bromofluorobenzene	103	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PZ-1A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-003
Matrix:	WATER	**Lab WorkOrder:**	JRKDV1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:02
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 17:27
Sample Aliquot:	10 mL	**Instrument ID:**	R2
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	D2	
71-55-6	1,1,1-Trichloroethane	ND	4.0	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	D2	
79-00-5	1,1,2-Trichloroethane	ND	2.0	D2	
75-34-3	1,1-Dichloroethane	ND	4.0	D2	
75-35-4	1,1-Dichloroethene	**6.6**	4.0	D2	
563-58-6	1,1-Dichloropropene	ND	4.0	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	10	D2	
96-18-4	1,2,3-Trichloropropane	ND	20	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	10	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	4.0	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	10	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	4.0	D2	
95-50-1	1,2-Dichlorobenzene	ND	2.0	D2	
107-06-2	1,2-Dichloroethane	ND	2.0	D2	
78-87-5	1,2-Dichloropropane	ND	4.0	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	4.0	D2	
541-73-1	1,3-Dichlorobenzene	ND	2.0	D2	
142-28-9	1,3-Dichloropropane	ND	4.0	D2	
106-46-7	1,4-Dichlorobenzene	ND	2.0	D2	
594-20-7	2,2-Dichloropropane	ND	4.0	D2	
78-93-3	2-Butanone (MEK)	ND	20	D2	
95-49-8	2-Chlorotoluene	ND	10	D2	
591-78-6	2-Hexanone	ND	20	D2 R4	
106-43-4	4-Chlorotoluene	ND	10	D2	
108-10-1	4-Methyl-2-pentanone	ND	20	D2	
67-64-1	Acetone	ND	40	D2	
71-43-2	Benzene	ND	2.0	D2	
108-86-1	Bromobenzene	ND	10	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PZ-1A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-003
Matrix:	WATER	**Lab WorkOrder:**	JRKDV1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:02
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 17:27
Sample Aliquot:	10 mL	**Instrument ID:**	R2
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	10	D2	
75-27-4	Bromodichloromethane	ND	2.0	D2	
75-25-2	Bromoform	ND	10	D2	
74-83-9	Bromomethane	ND	10	D2	
75-15-0	Carbon disulfide	ND	10	D2	
56-23-5	Carbon tetrachloride	ND	4.0	D2	
108-90-7	Chlorobenzene	ND	2.0	D2	
124-48-1	Chlorodibromomethane	ND	4.0	D2	
75-00-3	Chloroethane	ND	10	D2	
67-66-3	Chloroform	ND	4.0	D2	
74-87-3	Chloromethane	ND	10	D2	
156-59-2	cis-1,2-Dichloroethene	**26**	4.0	D2 M2	
10061-01-5	cis-1,3-Dichloropropene	ND	4.0	D2	
74-95-3	Dibromomethane	ND	4.0	D2	
75-71-8	Dichlorodifluoromethane	ND	10	D2	
100-41-4	Ethylbenzene	ND	4.0	D2	
87-68-3	Hexachlorobutadiene	ND	10	D2	
74-88-4	Iodomethane	ND	20	D2	
98-82-8	Isopropylbenzene	ND	4.0	D2	
1634-04-4	Methyl tert-butyl ether	ND	10	D2	
75-09-2	Methylene chloride	ND	10	D2	
91-20-3	Naphthalene	ND	4.0	D2	
104-51-8	n-Butylbenzene	ND	10	D2	
103-65-1	n-Propylbenzene	ND	4.0	D2	
99-87-6	p-Isopropyltoluene	ND	4.0	D2	
135-98-8	sec-Butylbenzene	ND	10	D2	
100-42-5	Styrene	ND	4.0	D2	
98-06-6	tert-Butylbenzene	ND	10	D2	
127-18-4	Tetrachloroethene	**3.2**	2.0	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PZ-1A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-003
Matrix:	WATER	**Lab WorkOrder:**	JRKDV1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:02
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 17:27
Sample Aliquot:	10 mL	**Instrument ID:**	R2
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	4.0	D2	
156-60-5	trans-1,2-Dichloroethene	ND	4.0	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	4.0	D2	
79-01-6	Trichloroethene	**52**	2.0	D2	
75-69-4	Trichlorofluoromethane	ND	10	D2	
108-05-4	Vinyl acetate	ND	50	D2 L1 M2	
75-01-4	Vinyl chloride	ND	2.0	D2	
1330-20-7	Xylenes (total)	ND	20	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	84	70	127	D2	
2037-26-5	Toluene-d8	109	83	125	D2	
1868-53-7	Dibromofluoromethane	99	77	119	D2	
460-00-4	4-Bromofluorobenzene	101	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PZ-1B-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-004
Matrix:	WATER	**Lab WorkOrder:**	JRKDX1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:34
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 12:42
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	33	D2	
71-55-6	1,1,1-Trichloroethane	ND	13	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.7	D2	
79-00-5	1,1,2-Trichloroethane	ND	6.7	D2	
75-34-3	1,1-Dichloroethane	ND	13	D2	
75-35-4	1,1-Dichloroethene	**47**	13	D2	
563-58-6	1,1-Dichloropropene	ND	13	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	33	D2	
96-18-4	1,2,3-Trichloropropane	ND	67	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	33	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	13	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	33	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	13	D2	
95-50-1	1,2-Dichlorobenzene	ND	6.7	D2	
107-06-2	1,2-Dichloroethane	ND	6.7	D2	
78-87-5	1,2-Dichloropropane	ND	13	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	13	D2	
541-73-1	1,3-Dichlorobenzene	ND	6.7	D2	
142-28-9	1,3-Dichloropropane	ND	13	D2	
106-46-7	1,4-Dichlorobenzene	ND	6.7	D2	
594-20-7	2,2-Dichloropropane	ND	13	D2	
78-93-3	2-Butanone (MEK)	ND	67	D2	
95-49-8	2-Chlorotoluene	ND	33	D2	
591-78-6	2-Hexanone	ND	67	D2 R4	
106-43-4	4-Chlorotoluene	ND	33	D2	
108-10-1	4-Methyl-2-pentanone	ND	67	D2	
67-64-1	Acetone	ND	130	D2	
71-43-2	Benzene	ND	6.7	D2	
108-86-1	Bromobenzene	ND	33	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PZ-1B-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-004
Matrix:	WATER	**Lab WorkOrder:**	JRKDX1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:34
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 12:42
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	33	D2	
75-27-4	Bromodichloromethane	ND	6.7	D2	
75-25-2	Bromoform	ND	33	D2	
74-83-9	Bromomethane	ND	33	D2	
75-15-0	Carbon disulfide	ND	33	D2	
56-23-5	Carbon tetrachloride	ND	13	D2	
108-90-7	Chlorobenzene	ND	6.7	D2	
124-48-1	Chlorodibromomethane	ND	13	D2	
75-00-3	Chloroethane	ND	33	D2	
67-66-3	Chloroform	ND	13	D2	
74-87-3	Chloromethane	ND	33	D2	
156-59-2	cis-1,2-Dichloroethene	**200**	13	D2 M2	
10061-01-5	cis-1,3-Dichloropropene	ND	13	D2	
74-95-3	Dibromomethane	ND	13	D2	
75-71-8	Dichlorodifluoromethane	ND	33	D2	
100-41-4	Ethylbenzene	ND	13	D2	
87-68-3	Hexachlorobutadiene	ND	33	D2	
74-88-4	Iodomethane	ND	67	D2	
98-82-8	Isopropylbenzene	ND	13	D2	
1634-04-4	Methyl tert-butyl ether	ND	33	D2	
75-09-2	Methylene chloride	ND	33	D2	
91-20-3	Naphthalene	ND	13	D2	
104-51-8	n-Butylbenzene	ND	33	D2	
103-65-1	n-Propylbenzene	ND	13	D2	
99-87-6	p-Isopropyltoluene	ND	13	D2	
135-98-8	sec-Butylbenzene	ND	33	D2	
100-42-5	Styrene	ND	13	D2	
98-06-6	tert-Butylbenzene	ND	33	D2	
127-18-4	Tetrachloroethene	**22**	6.7	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PZ-1B-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-004
Matrix:	WATER	**Lab WorkOrder:**	JRKDX1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:34
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 12:42
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	13	D2	
156-60-5	trans-1,2-Dichloroethene	ND	13	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	13	D2	
79-01-6	Trichloroethene	**440**	6.7	D2	E
75-69-4	Trichlorofluoromethane	ND	33	D2	
108-05-4	Vinyl acetate	ND	170	D2 L1 M2	
75-01-4	Vinyl chloride	ND	6.7	D2	
1330-20-7	Xylenes (total)	ND	67	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	84	70	127	D2	
2037-26-5	Toluene-d8	111	83	125	D2	
1868-53-7	Dibromofluoromethane	100	77	119	D2	
460-00-4	4-Bromofluorobenzene	95	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PZ-1B-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-004
Matrix:	WATER	**Lab WorkOrder:**	JRKDX2AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:34
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 17:46
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	D2	
71-55-6	1,1,1-Trichloroethane	ND	40	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	D2	
79-00-5	1,1,2-Trichloroethane	ND	20	D2	
75-34-3	1,1-Dichloroethane	ND	40	D2	
75-35-4	1,1-Dichloroethene	ND	40	D2	
563-58-6	1,1-Dichloropropene	ND	40	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	100	D2	
96-18-4	1,2,3-Trichloropropane	ND	200	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	100	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	40	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	100	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	40	D2	
95-50-1	1,2-Dichlorobenzene	ND	20	D2	
107-06-2	1,2-Dichloroethane	ND	20	D2	
78-87-5	1,2-Dichloropropane	ND	40	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	40	D2	
541-73-1	1,3-Dichlorobenzene	ND	20	D2	
142-28-9	1,3-Dichloropropane	ND	40	D2	
106-46-7	1,4-Dichlorobenzene	ND	20	D2	
594-20-7	2,2-Dichloropropane	ND	40	D2	
78-93-3	2-Butanone (MEK)	ND	200	D2	
95-49-8	2-Chlorotoluene	ND	100	D2	
591-78-6	2-Hexanone	ND	200	D2 R4	
106-43-4	4-Chlorotoluene	ND	100	D2	
108-10-1	4-Methyl-2-pentanone	ND	200	D2	
67-64-1	Acetone	ND	400	D2	
71-43-2	Benzene	ND	20	D2	
108-86-1	Bromobenzene	ND	100	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PZ-1B-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-004
Matrix:	WATER	**Lab WorkOrder:**	JRKDX2AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:34
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 17:46
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	100	D2	
75-27-4	Bromodichloromethane	ND	20	D2	
75-25-2	Bromoform	ND	100	D2	
74-83-9	Bromomethane	ND	100	D2	
75-15-0	Carbon disulfide	ND	100	D2	
56-23-5	Carbon tetrachloride	ND	40	D2	
108-90-7	Chlorobenzene	ND	20	D2	
124-48-1	Chlorodibromomethane	ND	40	D2	
75-00-3	Chloroethane	ND	100	D2	
67-66-3	Chloroform	ND	40	D2	
74-87-3	Chloromethane	ND	100	D2	
156-59-2	cis-1,2-Dichloroethene	**180**	40	D2 M2	
10061-01-5	cis-1,3-Dichloropropene	ND	40	D2	
74-95-3	Dibromomethane	ND	40	D2	
75-71-8	Dichlorodifluoromethane	ND	100	D2	
100-41-4	Ethylbenzene	ND	40	D2	
87-68-3	Hexachlorobutadiene	ND	100	D2	
74-88-4	Iodomethane	ND	200	D2	
98-82-8	Isopropylbenzene	ND	40	D2	
1634-04-4	Methyl tert-butyl ether	ND	100	D2	
75-09-2	Methylene chloride	ND	100	D2	
91-20-3	Naphthalene	ND	40	D2	
104-51-8	n-Butylbenzene	ND	100	D2	
103-65-1	n-Propylbenzene	ND	40	D2	
99-87-6	p-Isopropyltoluene	ND	40	D2	
135-98-8	sec-Butylbenzene	ND	100	D2	
100-42-5	Styrene	ND	40	D2	
98-06-6	tert-Butylbenzene	ND	100	D2	
127-18-4	Tetrachloroethene	ND	20	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PZ-1B-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-004
Matrix:	WATER	**Lab WorkOrder:**	JRKDX2AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:34
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 17:46
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	40	D2	
156-60-5	trans-1,2-Dichloroethene	ND	40	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	40	D2	
79-01-6	Trichloroethene	**410**	20	D2	
75-69-4	Trichlorofluoromethane	ND	100	D2	
108-05-4	Vinyl acetate	ND	500	D2 L1 M2	
75-01-4	Vinyl chloride	ND	20	D2	
1330-20-7	Xylenes (total)	ND	200	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	83	70	127	D2	
2037-26-5	Toluene-d8	110	83	125	D2	
1868-53-7	Dibromofluoromethane	101	77	119	D2	
460-00-4	4-Bromofluorobenzene	92	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-111A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-005
Matrix:	WATER	**Lab WorkOrder:**	JRKD41AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 14:11
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 13:58
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	33	D2	
71-55-6	1,1,1-Trichloroethane	ND	13	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.7	D2	
79-00-5	1,1,2-Trichloroethane	ND	6.7	D2	
75-34-3	1,1-Dichloroethane	ND	13	D2	
75-35-4	1,1-Dichloroethene	ND	13	D2	
563-58-6	1,1-Dichloropropene	ND	13	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	33	D2	
96-18-4	1,2,3-Trichloropropane	ND	67	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	33	D2	
95-63-6	1,2,4-Trimethylbenzene	**25**	13	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	33	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	13	D2	
95-50-1	1,2-Dichlorobenzene	ND	6.7	D2	
107-06-2	1,2-Dichloroethane	ND	6.7	D2	
78-87-5	1,2-Dichloropropane	ND	13	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	13	D2	
541-73-1	1,3-Dichlorobenzene	ND	6.7	D2	
142-28-9	1,3-Dichloropropane	ND	13	D2	
106-46-7	1,4-Dichlorobenzene	ND	6.7	D2	
594-20-7	2,2-Dichloropropane	ND	13	D2	
78-93-3	2-Butanone (MEK)	ND	67	D2	
95-49-8	2-Chlorotoluene	ND	33	D2	
591-78-6	2-Hexanone	ND	67	D2 R4	
106-43-4	4-Chlorotoluene	ND	33	D2	
108-10-1	4-Methyl-2-pentanone	ND	67	D2	
67-64-1	Acetone	ND	130	D2	
71-43-2	Benzene	**200**	6.7	D2	
108-86-1	Bromobenzene	ND	33	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-111A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-005
Matrix:	WATER	**Lab WorkOrder:**	JRKD41AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 14:11
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 13:58
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	33	D2	
75-27-4	Bromodichloromethane	ND	6.7	D2	
75-25-2	Bromoform	ND	33	D2	
74-83-9	Bromomethane	ND	33	D2	
75-15-0	Carbon disulfide	ND	33	D2	
56-23-5	Carbon tetrachloride	ND	13	D2	
108-90-7	Chlorobenzene	ND	6.7	D2	
124-48-1	Chlorodibromomethane	ND	13	D2	
75-00-3	Chloroethane	ND	33	D2	
67-66-3	Chloroform	ND	13	D2	
74-87-3	Chloromethane	ND	33	D2	
156-59-2	cis-1,2-Dichloroethene	ND	13	D2 M2	
10061-01-5	cis-1,3-Dichloropropene	ND	13	D2	
74-95-3	Dibromomethane	ND	13	D2	
75-71-8	Dichlorodifluoromethane	ND	33	D2	
100-41-4	Ethylbenzene	**31**	13	D2	
87-68-3	Hexachlorobutadiene	ND	33	D2	
74-88-4	Iodomethane	ND	67	D2	
98-82-8	Isopropylbenzene	ND	13	D2	
1634-04-4	Methyl tert-butyl ether	**68**	33	D2	
75-09-2	Methylene chloride	ND	33	D2	
91-20-3	Naphthalene	ND	13	D2	
104-51-8	n-Butylbenzene	ND	33	D2	
103-65-1	n-Propylbenzene	ND	13	D2	
99-87-6	p-Isopropyltoluene	ND	13	D2	
135-98-8	sec-Butylbenzene	ND	33	D2	
100-42-5	Styrene	ND	13	D2	
98-06-6	tert-Butylbenzene	ND	33	D2	
127-18-4	Tetrachloroethene	ND	6.7	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-111A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-005
Matrix:	WATER	**Lab WorkOrder:**	JRKD41AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 14:11
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 13:58
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	13	D2	
156-60-5	trans-1,2-Dichloroethene	ND	13	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	13	D2	
79-01-6	Trichloroethene	ND	6.7	D2	
75-69-4	Trichlorofluoromethane	ND	33	D2	
108-05-4	Vinyl acetate	ND	170	D2 L1 M2	
75-01-4	Vinyl chloride	ND	6.7	D2	
1330-20-7	Xylenes (total)	ND	67	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	87	70	127	D2	
2037-26-5	Toluene-d8	114	83	125	D2	
1868-53-7	Dibromofluoromethane	103	77	119	D2	
460-00-4	4-Bromofluorobenzene	113	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-37A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-006
Matrix:	WATER	**Lab WorkOrder:**	JRKEA1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 12:51
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 14:17
Sample Aliquot:	4 mL	**Instrument ID:**	R2
Dilution Factor:	5		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	D2	
71-55-6	1,1,1-Trichloroethane	ND	10	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	D2	
79-00-5	1,1,2-Trichloroethane	ND	5.0	D2	
75-34-3	1,1-Dichloroethane	ND	10	D2	
75-35-4	1,1-Dichloroethene	ND	10	D2	
563-58-6	1,1-Dichloropropene	ND	10	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	25	D2	
96-18-4	1,2,3-Trichloropropane	ND	50	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	25	D2	
95-63-6	1,2,4-Trimethylbenzene	**13**	10	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	25	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	10	D2	
95-50-1	1,2-Dichlorobenzene	ND	5.0	D2	
107-06-2	1,2-Dichloroethane	ND	5.0	D2	
78-87-5	1,2-Dichloropropane	ND	10	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	10	D2	
541-73-1	1,3-Dichlorobenzene	ND	5.0	D2	
142-28-9	1,3-Dichloropropane	ND	10	D2	
106-46-7	1,4-Dichlorobenzene	ND	5.0	D2	
594-20-7	2,2-Dichloropropane	ND	10	D2	
78-93-3	2-Butanone (MEK)	ND	50	D2	
95-49-8	2-Chlorotoluene	ND	25	D2	
591-78-6	2-Hexanone	ND	50	D2 R4	
106-43-4	4-Chlorotoluene	ND	25	D2	
108-10-1	4-Methyl-2-pentanone	ND	50	D2	
67-64-1	Acetone	ND	100	D2	
71-43-2	Benzene	**65**	5.0	D2	
108-86-1	Bromobenzene	ND	25	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-37A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-006
Matrix:	WATER	**Lab WorkOrder:**	JRKEA1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 12:51
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 14:17
Sample Aliquot:	4 mL	**Instrument ID:**	R2
Dilution Factor:	5		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	25	D2	
75-27-4	Bromodichloromethane	ND	5.0	D2	
75-25-2	Bromoform	ND	25	D2	
74-83-9	Bromomethane	ND	25	D2	
75-15-0	Carbon disulfide	ND	25	D2	
56-23-5	Carbon tetrachloride	ND	10	D2	
108-90-7	Chlorobenzene	ND	5.0	D2	
124-48-1	Chlorodibromomethane	ND	10	D2	
75-00-3	Chloroethane	ND	25	D2	
67-66-3	Chloroform	ND	10	D2	
74-87-3	Chloromethane	ND	25	D2	
156-59-2	cis-1,2-Dichloroethene	ND	10	D2 M2	
10061-01-5	cis-1,3-Dichloropropene	ND	10	D2	
74-95-3	Dibromomethane	ND	10	D2	
75-71-8	Dichlorodifluoromethane	ND	25	D2	
100-41-4	Ethylbenzene	**11**	10	D2	
87-68-3	Hexachlorobutadiene	ND	25	D2	
74-88-4	Iodomethane	ND	50	D2	
98-82-8	Isopropylbenzene	ND	10	D2	
1634-04-4	Methyl tert-butyl ether	ND	25	D2	
75-09-2	Methylene chloride	ND	25	D2	
91-20-3	Naphthalene	ND	10	D2	
104-51-8	n-Butylbenzene	ND	25	D2	
103-65-1	n-Propylbenzene	ND	10	D2	
99-87-6	p-Isopropyltoluene	ND	10	D2	
135-98-8	sec-Butylbenzene	ND	25	D2	
100-42-5	Styrene	ND	10	D2	
98-06-6	tert-Butylbenzene	ND	25	D2	
127-18-4	Tetrachloroethene	ND	5.0	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-37A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-006
Matrix:	WATER	**Lab WorkOrder:**	JRKEA1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 12:51
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 14:17
Sample Aliquot:	4 mL	**Instrument ID:**	R2
Dilution Factor:	5		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	10	D2	
156-60-5	trans-1,2-Dichloroethene	ND	10	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	10	D2	
79-01-6	Trichloroethene	ND	5.0	D2	
75-69-4	Trichlorofluoromethane	ND	25	D2	
108-05-4	Vinyl acetate	ND	120	D2 L1 M2	
75-01-4	Vinyl chloride	ND	5.0	D2	
1330-20-7	Xylenes (total)	ND	50	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	85	70	127	D2	
2037-26-5	Toluene-d8	109	83	125	D2	
1868-53-7	Dibromofluoromethane	97	77	119	D2	
460-00-4	4-Bromofluorobenzene	98	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-03107B
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-007
Matrix:	WATER	**Lab WorkOrder:**	JRKED1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 06:00
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 14:36
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10	R4	
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-03107B
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-007
Matrix:	WATER	**Lab WorkOrder:**	JRKED1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 06:00
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 14:36
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0	M2	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-03107B
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-007
Matrix:	WATER	**Lab WorkOrder:**	JRKED1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 06:00
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 14:36
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	L1 M2	
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	80	70	127		
2037-26-5	Toluene-d8	119	83	125		
1868-53-7	Dibromofluoromethane	100	77	119		
460-00-4	4-Bromofluorobenzene	103	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-41B-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-008
Matrix:	WATER	**Lab WorkOrder:**	JRKER1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 08:16
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 14:55
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**16**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10	R4	
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-41B-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-008
Matrix:	WATER	**Lab WorkOrder:**	JRKER1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 08:16
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 14:55
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	**4.9**	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	**50**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**7.3**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-41B-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-008
Matrix:	WATER	**Lab WorkOrder:**	JRKER1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 08:16
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 14:55
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**6.9**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	L1 M2	
75-01-4	Vinyl chloride	**5.8**	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	86	70	127		
2037-26-5	Toluene-d8	116	83	125		
1868-53-7	Dibromofluoromethane	106	77	119		
460-00-4	4-Bromofluorobenzene	107	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-40B-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-009
Matrix:	WATER	**Lab WorkOrder:**	JRKEX1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 09:07
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 15:14
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**5.4**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10	R4	
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-40B-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-009
Matrix:	WATER	**Lab WorkOrder:**	JRKEX1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 09:07
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 15:14
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0	M2	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**4.5**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-40B-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-009
Matrix:	WATER	**Lab WorkOrder:**	JRKEX1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 09:07
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 15:14
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**1.3**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	L1 M2	
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	93	70	127		
2037-26-5	Toluene-d8	104	83	125		
1868-53-7	Dibromofluoromethane	107	77	119		
460-00-4	4-Bromofluorobenzene	93	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-47B-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-013
Matrix:	WATER	**Lab WorkOrder:**	JRKFE1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 13:27
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 16:30
Sample Aliquot:	5 mL	**Instrument ID:**	R2
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	20	D2	
71-55-6	1,1,1-Trichloroethane	ND	8.0	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.0	D2	
79-00-5	1,1,2-Trichloroethane	ND	4.0	D2	
75-34-3	1,1-Dichloroethane	ND	8.0	D2	
75-35-4	1,1-Dichloroethene	ND	8.0	D2	
563-58-6	1,1-Dichloropropene	ND	8.0	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	20	D2	
96-18-4	1,2,3-Trichloropropane	ND	40	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	20	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	8.0	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	20	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	8.0	D2	
95-50-1	1,2-Dichlorobenzene	ND	4.0	D2	
107-06-2	1,2-Dichloroethane	ND	4.0	D2	
78-87-5	1,2-Dichloropropane	ND	8.0	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	8.0	D2	
541-73-1	1,3-Dichlorobenzene	ND	4.0	D2	
142-28-9	1,3-Dichloropropane	ND	8.0	D2	
106-46-7	1,4-Dichlorobenzene	ND	4.0	D2	
594-20-7	2,2-Dichloropropane	ND	8.0	D2	
78-93-3	2-Butanone (MEK)	ND	40	D2	
95-49-8	2-Chlorotoluene	ND	20	D2	
591-78-6	2-Hexanone	ND	40	D2 R4	
106-43-4	4-Chlorotoluene	ND	20	D2	
108-10-1	4-Methyl-2-pentanone	ND	40	D2	
67-64-1	Acetone	ND	80	D2	
71-43-2	Benzene	ND	4.0	D2	
108-86-1	Bromobenzene	ND	20	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-47B-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-013
Matrix:	WATER	**Lab WorkOrder:**	JRKFE1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 13:27
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 16:30
Sample Aliquot:	5 mL	**Instrument ID:**	R2
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	20	D2	
75-27-4	Bromodichloromethane	ND	4.0	D2	
75-25-2	Bromoform	ND	20	D2	
74-83-9	Bromomethane	ND	20	D2	
75-15-0	Carbon disulfide	ND	20	D2	
56-23-5	Carbon tetrachloride	ND	8.0	D2	
108-90-7	Chlorobenzene	ND	4.0	D2	
124-48-1	Chlorodibromomethane	ND	8.0	D2	
75-00-3	Chloroethane	ND	20	D2	
67-66-3	Chloroform	ND	8.0	D2	
74-87-3	Chloromethane	ND	20	D2	
156-59-2	cis-1,2-Dichloroethene	**25**	8.0	D2 M2	
10061-01-5	cis-1,3-Dichloropropene	ND	8.0	D2	
74-95-3	Dibromomethane	ND	8.0	D2	
75-71-8	Dichlorodifluoromethane	ND	20	D2	
100-41-4	Ethylbenzene	ND	8.0	D2	
87-68-3	Hexachlorobutadiene	ND	20	D2	
74-88-4	Iodomethane	ND	40	D2	
98-82-8	Isopropylbenzene	ND	8.0	D2	
1634-04-4	Methyl tert-butyl ether	ND	20	D2	
75-09-2	Methylene chloride	ND	20	D2	
91-20-3	Naphthalene	ND	8.0	D2	
104-51-8	n-Butylbenzene	ND	20	D2	
103-65-1	n-Propylbenzene	ND	8.0	D2	
99-87-6	p-Isopropyltoluene	ND	8.0	D2	
135-98-8	sec-Butylbenzene	ND	20	D2	
100-42-5	Styrene	ND	8.0	D2	
98-06-6	tert-Butylbenzene	ND	20	D2	
127-18-4	Tetrachloroethene	ND	4.0	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-47B-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-013
Matrix:	WATER	**Lab WorkOrder:**	JRKFE1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 13:27
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 16:30
Sample Aliquot:	5 mL	**Instrument ID:**	R2
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	8.0	D2	
156-60-5	trans-1,2-Dichloroethene	ND	8.0	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	8.0	D2	
79-01-6	Trichloroethene	**87**	4.0	D2	
75-69-4	Trichlorofluoromethane	ND	20	D2	
108-05-4	Vinyl acetate	ND	100	D2 L1 M2	
75-01-4	Vinyl chloride	ND	4.0	D2	
1330-20-7	Xylenes (total)	ND	40	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	79	70	127	D2	
2037-26-5	Toluene-d8	107	83	125	D2	
1868-53-7	Dibromofluoromethane	100	77	119	D2	
460-00-4	4-Bromofluorobenzene	94	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-26A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-014
Matrix:	WATER	**Lab WorkOrder:**	JRKFH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 12:29
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 16:49
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**3.7**	2.0		
75-35-4	1,1-Dichloroethene	**15**	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10	R4	
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-26A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-014
Matrix:	WATER	**Lab WorkOrder:**	JRKFH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 12:29
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 16:49
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0	M2	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**5.3**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-26A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-014
Matrix:	WATER	**Lab WorkOrder:**	JRKFH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 12:29
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 16:49
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**2.8**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	L1 M2	
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	92	70	127		
2037-26-5	Toluene-d8	111	83	125		
1868-53-7	Dibromofluoromethane	102	77	119		
460-00-4	4-Bromofluorobenzene	102	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-41A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-015
Matrix:	WATER	**Lab WorkOrder:**	JRKFL1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 07:40
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 17:08
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	33	D2	
71-55-6	1,1,1-Trichloroethane	ND	13	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.7	D2	
79-00-5	1,1,2-Trichloroethane	ND	6.7	D2	
75-34-3	1,1-Dichloroethane	**25**	13	D2	
75-35-4	1,1-Dichloroethene	ND	13	D2	
563-58-6	1,1-Dichloropropene	ND	13	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	33	D2	
96-18-4	1,2,3-Trichloropropane	ND	67	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	33	D2	
95-63-6	1,2,4-Trimethylbenzene	**20**	13	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	33	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	13	D2	
95-50-1	1,2-Dichlorobenzene	ND	6.7	D2	
107-06-2	1,2-Dichloroethane	ND	6.7	D2	
78-87-5	1,2-Dichloropropane	ND	13	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	13	D2	
541-73-1	1,3-Dichlorobenzene	ND	6.7	D2	
142-28-9	1,3-Dichloropropane	ND	13	D2	
106-46-7	1,4-Dichlorobenzene	ND	6.7	D2	
594-20-7	2,2-Dichloropropane	ND	13	D2	
78-93-3	2-Butanone (MEK)	ND	67	D2	
95-49-8	2-Chlorotoluene	ND	33	D2	
591-78-6	2-Hexanone	ND	67	D2 R4	
106-43-4	4-Chlorotoluene	ND	33	D2	
108-10-1	4-Methyl-2-pentanone	ND	67	D2	
67-64-1	Acetone	ND	130	D2	
71-43-2	Benzene	**83**	6.7	D2	
108-86-1	Bromobenzene	ND	33	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-41A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-015
Matrix:	WATER	**Lab WorkOrder:**	JRKFL1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 07:40
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 17:08
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	33	D2	
75-27-4	Bromodichloromethane	ND	6.7	D2	
75-25-2	Bromoform	ND	33	D2	
74-83-9	Bromomethane	ND	33	D2	
75-15-0	Carbon disulfide	ND	33	D2	
56-23-5	Carbon tetrachloride	ND	13	D2	
108-90-7	Chlorobenzene	ND	6.7	D2	
124-48-1	Chlorodibromomethane	ND	13	D2	
75-00-3	Chloroethane	ND	33	D2	
67-66-3	Chloroform	ND	13	D2	
74-87-3	Chloromethane	ND	33	D2	
156-59-2	cis-1,2-Dichloroethene	ND	13	D2 M2	
10061-01-5	cis-1,3-Dichloropropene	ND	13	D2	
74-95-3	Dibromomethane	ND	13	D2	
75-71-8	Dichlorodifluoromethane	ND	33	D2	
100-41-4	Ethylbenzene	**49**	13	D2	
87-68-3	Hexachlorobutadiene	ND	33	D2	
74-88-4	Iodomethane	ND	67	D2	
98-82-8	Isopropylbenzene	ND	13	D2	
1634-04-4	Methyl tert-butyl ether	ND	33	D2	
75-09-2	Methylene chloride	ND	33	D2	
91-20-3	Naphthalene	ND	13	D2	
104-51-8	n-Butylbenzene	ND	33	D2	
103-65-1	n-Propylbenzene	**15**	13	D2	
99-87-6	p-Isopropyltoluene	ND	13	D2	
135-98-8	sec-Butylbenzene	ND	33	D2	
100-42-5	Styrene	ND	13	D2	
98-06-6	tert-Butylbenzene	ND	33	D2	
127-18-4	Tetrachloroethene	ND	6.7	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-41A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-015
Matrix:	WATER	**Lab WorkOrder:**	JRKFL1AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 07:40
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 17:08
Sample Aliquot:	3 mL	**Instrument ID:**	R2
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	13	D2	
156-60-5	trans-1,2-Dichloroethene	ND	13	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	13	D2	
79-01-6	Trichloroethene	ND	6.7	D2	
75-69-4	Trichlorofluoromethane	ND	33	D2	
108-05-4	Vinyl acetate	ND	170	D2 L1 M2	
75-01-4	Vinyl chloride	**9.4**	6.7	D2	
1330-20-7	Xylenes (total)	ND	67	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	92	70	127	D2	
2037-26-5	Toluene-d8	110	83	125	D2	
1868-53-7	Dibromofluoromethane	106	77	119	D2	
460-00-4	4-Bromofluorobenzene	94	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7D020000-304B
Matrix:	WATER	**Lab WorkOrder:**	JR6601AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 08:35
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

Form 1 Prep Blank Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7D020000-304B
Matrix:	WATER	**Lab WorkOrder:**	JR6601AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 08:35
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7D020000-304B
Matrix:	WATER	**Lab WorkOrder:**	JR6601AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 08:35
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	90	70	127	
2037-26-5	Toluene-d8	115	83	125	
1868-53-7	Dibromofluoromethane	101	77	119	
460-00-4	4-Bromofluorobenzene	98	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK

Lot/SDG Number: D7C220299 **QC Batch ID:** 7092304

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
INTRA-LAB BLANK	JR6601AA	90	98	101	115					0
CHECK SAMPLE	JR6601AC	82	102	101	108					0
LAB MS/MSD MS	JRH1F1A1	99	111	107	112					0
LAB MS/MSD MSD	JRH1F1A2	93	100	102	104					0
ASE-111A-7A1	JRKD41AA	87	113	103	114					0
TB-032107A	JRKDN1AA	78	91	92	108					0
ASE-70A-7A1	JRKDQ1AA	81	103	95	110					0
PZ-1A-7A1	JRKDV1AA	84	101	99	109					0
PZ-1B-7A1	JRKDX1AA	84	95	100	111					0
PZ-1B-7A1 MS	JRKDX1AC	86	108	102	111					0
PZ-1B-7A1 MSD	JRKDX1AD	82	103	99	113					0
PZ-1B-7A1	JRKDX2AA	83	92	101	110					0
ASE-37A-7A1	JRKEA1AA	85	98	97	109					0
TB-03107B	JRKED1AA	80	103	100	119					0
ASE-41B-7A1	JRKER1AA	86	107	106	116					0
ASE-40B-7A1	JRKEX1AA	93	93	107	104					0
ASE-47B-7A1	JRKFE1AA	79	94	100	107					0
ASE-26A-7A1	JRKFH1AA	92	102	102	111					0
ASG-41A-7A1	JRKFL1AA	92	94	106	110					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7D020000-304C
Matrix:	WATER	**Lab WorkOrder:**	JR6601AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 07:57
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	4.41	88		72 - 117
Acetone	10.0	9.30	93		48 - 130
Ethylbenzene	5.00	4.97	99		78 - 118
Trichlorofluoromethane	5.00	5.14	103		63 - 135
Hexachlorobutadiene	5.00	5.08	102		73 - 123
2-Hexanone	10.0	8.28	83		57 - 121
Isopropylbenzene	5.00	4.18	84		71 - 111
p-Isopropyltoluene	5.00	4.92	98		76 - 113
Methylene chloride	5.00	4.05	81		71 - 119
4-Methyl-2-pentanone	10.0	8.37	84		65 - 118
Naphthalene	5.00	4.41	88		62 - 121
Benzene	5.00	4.58	92		77 - 118
2-Pentanone	10.0	7.83	78		42 - 115
n-Propylbenzene	5.00	4.46	89		76 - 116
Styrene	5.00	4.28	86		77 - 117
1,1,1,2-Tetrachloroethane	5.00	4.46	89		77 - 117
1,1,2,2-Tetrachloroethane	5.00	4.58	92		73 - 119
Tetrachloroethene	5.00	4.53	91		77 - 117
Toluene	5.00	4.52	90		73 - 120
1,2,3-Trichlorobenzene	5.00	4.61	92		66 - 123
1,2,4-Trichlorobenzene	5.00	4.48	90		73 - 121
1,1,1-Trichloroethane	5.00	5.00	100		78 - 118
1,1,2-Trichloroethane	5.00	4.45	89		76 - 116
Trichloroethene	5.00	4.67	93		78 - 122
1,2,3-Trichloropropane	5.00	3.64	73		72 - 120
1,2,4-Trimethylbenzene	5.00	5.10	102		77 - 117
1,3,5-Trimethylbenzene	5.00	4.82	96		77 - 117
Vinyl acetate	5.00	3.22	64		63 - 124
Vinyl chloride	5.00	4.38	88		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7D020000-304C
Matrix:	WATER	**Lab WorkOrder:**	JR6601AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 07:57
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	5.00	4.79	96		77 - 117
Xylenes (total)	15.0	14.0	94		77 - 117
Methyl tert-butyl ether	10.0	6.05	61		58 - 116
m-Xylene & p-Xylene	10.0	9.26	93		78 - 118
Bromobenzene	5.00	4.45	89		75 - 115
Bromochloromethane	5.00	4.35	87		78 - 118
Bromodichloromethane	5.00	4.69	94		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	4.55	91		65 - 117
1,2-Dibromoethane (EDB)	5.00	4.47	89		77 - 117
2-Butanone (MEK)	10.0	7.48	75		57 - 120
Bromoform	5.00	4.40	88		74 - 121
Bromomethane	5.00	4.05	81		42 - 154
n-Butylbenzene	5.00	4.80	96		76 - 117
sec-Butylbenzene	5.00	5.69	114		80 - 120
tert-Butylbenzene	5.00	4.89	98		76 - 116
Carbon disulfide	5.00	3.52	70		56 - 104
Carbon tetrachloride	5.00	5.24	105		80 - 120
Chlorobenzene	5.00	4.80	96		78 - 118
Chlorodibromomethane	5.00	4.53	91		76 - 116
Chloroethane	5.00	4.59	92		51 - 133
Chloroform	5.00	4.74	95		78 - 118
Chloromethane	5.00	3.96	79		46 - 142
2-Chlorotoluene	5.00	4.62	92		76 - 116
4-Chlorotoluene	5.00	4.79	96		78 - 118
Dibromomethane	5.00	4.80	96		77 - 117
1,2-Dichlorobenzene	5.00	4.42	88		76 - 116
1,3-Dichlorobenzene	5.00	4.45	89		75 - 115
1,4-Dichlorobenzene	5.00	4.52	90		77 - 117
Dichlorodifluoromethane	5.00	4.47	89		56 - 140

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7D020000-304C
Matrix:	WATER	**Lab WorkOrder:**	JR6601AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 07:57
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethane	5.00	4.85	97		77 - 117
1,2-Dichloroethane	5.00	4.87	97		74 - 120
1,1-Dichloroethene	5.00	4.82	96		68 - 133
cis-1,2-Dichloroethene	5.00	4.34	87		75 - 115
trans-1,2-Dichloroethene	5.00	4.62	92		80 - 120
1,2-Dichloroethene (total)	10.0	8.96	90		78 - 118
1,2-Dichloropropane	5.00	4.51	90		76 - 116
1,3-Dichloropropane	5.00	4.45	89		75 - 115
2,2-Dichloropropane	5.00	4.85	97		72 - 128
1,1-Dichloropropene	5.00	4.91	98		75 - 115
cis-1,3-Dichloropropene	5.00	4.63	93		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	82	70	127	
2037-26-5	Toluene-d8	108	83	125	
1868-53-7	Dibromofluoromethane	101	77	119	
460-00-4	4-Bromofluorobenzene	102	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220299	**MS Lab Sample ID:**	D7C220148-004S
Matrix:	WATER	**MS Lab WorkOrder:**	JRH1F1A1
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 11:40
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 10:10
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	5.00	0.17		5.73	115		77 - 117
1,1,1-Trichloroethane	5.00	0.16		5.76	115		78 - 118
1,1,2,2-Tetrachloroethane	5.00	0.20		5.77	115		73 - 119
1,1,2-Trichloroethane	5.00	0.32		4.98	100		76 - 116
1,1-Dichloroethane	5.00	0.16		5.06	101		77 - 117
1,1-Dichloroethene	5.00	0.14		5.71	114		68 - 133
1,1-Dichloropropene	5.00	0.15		5.10	102		75 - 115
1,2,3-Trichlorobenzene	5.00	0.18		4.51	90		66 - 123
1,2,3-Trichloropropane	5.00	0.27		5.12	102		72 - 120
1,2,4-Trichlorobenzene	5.00	0.32		4.70	94		73 - 121
1,2,4-Trimethylbenzene	5.00	0.14		5.09	102		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	5.00	1.5		5.04	101		65 - 117
1,2-Dibromoethane (EDB)	5.00	0.18		5.68	114		77 - 117
1,2-Dichlorobenzene	5.00	0.13		4.74	95		76 - 116
1,2-Dichloroethane	5.00	0.13		5.78	116		74 - 120
1,2-Dichloroethene (total)	10.0	0.15		10.1	101		78 - 118
1,2-Dichloropropane	5.00	0.13		4.82	96		76 - 116
1,3,5-Trimethylbenzene	5.00	0.14		5.08	102		77 - 117
1,3-Dichlorobenzene	5.00	0.16		4.51	90		75 - 115
1,3-Dichloropropane	5.00	0.15		4.91	98		75 - 115
1,4-Dichlorobenzene	5.00	0.16		4.65	93		77 - 117
2,2-Dichloropropane	5.00	0.20		5.86	117		72 - 128
2-Butanone (MEK)	10.0	1.8		9.18	92		57 - 120
2-Chlorotoluene	5.00	0.17		4.72	94		76 - 116
2-Hexanone	10.0	1.4		8.44	84		57 - 121
2-Pentanone	10.0	0.82		8.35	84		42 - 115
4-Chlorotoluene	5.00	0.17		4.45	89		78 - 118
4-Methyl-2-pentanone	10.0	0.49		7.98	80		65 - 118
Acetone	10.0	1.9		8.57	40		48 - 130
Benzene	5.00	0.16		4.89	98		77 - 118

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220299	**MS Lab Sample ID:**	D7C220148-004S
Matrix:	WATER	**MS Lab WorkOrder:**	JRH1F1A1
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 11:40
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 10:10
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Bromobenzene	5.00	0.17		4.05	81		75 - 115
Bromochloromethane	5.00	0.10		4.95	99		78 - 118
Bromodichloromethane	5.00	0.17		4.83	97		78 - 118
Bromoform	5.00	0.19		5.00	100		74 - 121
Bromomethane	5.00	0.21		5.53	111		42 - 154
Carbon disulfide	5.00	0.45		4.10	82		56 - 104
Carbon tetrachloride	5.00	0.19		6.04	121		80 - 120
Chlorobenzene	5.00	0.17		4.63	93		78 - 118
Chlorodibromomethane	5.00	0.17		5.22	104		76 - 116
Chloroethane	5.00	0.41		5.39	108		51 - 133
Chloroform	5.00	0.16		5.75	110		78 - 118
Chloromethane	5.00	0.30		5.10	102		46 - 142
cis-1,2-Dichloroethene	5.00	0.15		5.16	103		75 - 115
cis-1,3-Dichloropropene	5.00	0.16		5.23	105		76 - 116
Dibromomethane	5.00	0.17		5.37	107		77 - 117
Dichlorodifluoromethane	5.00	0.31		5.60	112		56 - 140
Ethylbenzene	5.00	0.16		5.58	112		78 - 118
Hexachlorobutadiene	5.00	0.12		5.47	109		73 - 123
Isopropylbenzene	5.00	0.19		4.84	97		71 - 111
m-Xylene & p-Xylene	10.0	0.34		9.22	92		78 - 118
Methyl tert-butyl ether	10.0	0.25		6.81	68		58 - 116
Methylene chloride	5.00	0.32		4.86	97		71 - 119
n-Butylbenzene	5.00	0.14		5.23	105		76 - 117
n-Propylbenzene	5.00	0.16		5.15	103		76 - 116
Naphthalene	5.00	0.22		4.61	92		62 - 121
o-Xylene	5.00	0.19		4.43	89		77 - 117
p-Isopropyltoluene	5.00	0.17		4.72	94		76 - 113
sec-Butylbenzene	5.00	0.17		5.46	109		80 - 120
Styrene	5.00	0.17		3.87	77		77 - 117
tert-Butylbenzene	5.00	0.16		4.66	93		76 - 116

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220299	**MS Lab Sample ID:**	D7C220148-004S
Matrix:	WATER	**MS Lab WorkOrder:**	JRH1F1A1
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 11:40
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 10:10
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Tetrachloroethene	5.00	0.20		4.60	92		77 - 117
Toluene	5.00	0.17		4.94	99		73 - 120
trans-1,2-Dichloroethene	5.00	0.15		4.94	99		80 - 120
trans-1,3-Dichloropropene	5.00	0.19		5.20	104		72 - 117
Trichloroethene	5.00	0.16		4.80	96		78 - 122
Trichlorofluoromethane	5.00	0.29		6.45	129		63 - 135
Vinyl acetate	5.00	0.94		4.12	82		63 - 124
Vinyl chloride	5.00	0.17		5.36	107		49 - 136
Xylenes (total)	15.0	0.19		13.7	91		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	99	70	127	
460-00-4	4-Bromofluorobenzene	111	78	118	
1868-53-7	Dibromofluoromethane	107	77	119	
2037-26-5	Toluene-d8	112	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PZ-1B-7A1
Lot/SDG Number:	D7C220299	**MS Lab Sample ID:**	D7C220299-004S
Matrix:	WATER	**MS Lab WorkOrder:**	JRKDX1AC
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:34
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 13:01
MS Sample Aliquot:	3 mL	**Instrument ID:**	R2
MS Dilution Factor:	6.66		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	33.3	1.1	D2	32.0	96	D2	77 - 117
1,1,1-Trichloroethane	33.3	1.1	D2	35.6	107	D2	78 - 118
1,1,2,2-Tetrachloroethane	33.3	1.3	D2	32.4	97	D2	73 - 119
1,1,2-Trichloroethane	33.3	2.1	D2	31.1	93	D2	76 - 116
1,1-Dichloroethane	33.3	1.1	D2	33.7	101	D2	77 - 117
1,1-Dichloroethene	33.3	47	D2	80.7	101	D2	68 - 133
1,1-Dichloropropene	33.3	1.0	D2	32.1	96	D2	75 - 115
1,2,3-Trichlorobenzene	33.3	1.2	D2	27.7	83	D2	66 - 123
1,2,3-Trichloropropane	33.3	1.8	D2	27.7	83	D2	72 - 120
1,2,4-Trichlorobenzene	33.3	2.1	D2	29.4	88	D2	73 - 121
1,2,4-Trimethylbenzene	33.3	0.93	D2	33.0	99	D2	77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	33.3	10	D2	29.8	89	D2	65 - 117
1,2-Dibromoethane (EDB)	33.3	1.2	D2	30.5	92	D2	77 - 117
1,2-Dichlorobenzene	33.3	0.87	D2	28.8	86	D2	76 - 116
1,2-Dichloroethane	33.3	0.87	D2	34.7	104	D2	74 - 120
1,2-Dichloroethene (total)	66.7	200		256	85	D2	78 - 118
1,2-Dichloropropane	33.3	0.87	D2	32.7	98	D2	76 - 116
1,3,5-Trimethylbenzene	33.3	0.93	D2	32.8	98	D2	77 - 117
1,3-Dichlorobenzene	33.3	1.1	D2	28.8	87	D2	75 - 115
1,3-Dichloropropane	33.3	1.0	D2	31.0	93	D2	75 - 115
1,4-Dichlorobenzene	33.3	1.1	D2	30.5	92	D2	77 - 117
2,2-Dichloropropane	33.3	1.3	D2	34.9	105	D2	72 - 128
2-Butanone (MEK)	66.7	12	D2	46.9	70	D2	57 - 120
2-Chlorotoluene	33.3	1.1	D2	33.3	100	D2	76 - 116
2-Hexanone	66.7	9.3	D2 R4	43.8	66	D2 R4	57 - 121
2-Pentanone	66.7	5.5		43.0	64	D2	42 - 115
4-Chlorotoluene	33.3	1.1	D2	30.9	93	D2	78 - 118
4-Methyl-2-pentanone	66.7	3.3	D2	49.5	74	D2	65 - 118
Acetone	66.7	13	D2	65.0	97	D2	48 - 130
Benzene	33.3	1.1	D2	32.8	98	D2	77 - 118

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PZ-1B-7A1
Lot/SDG Number:	D7C220299	**MS Lab Sample ID:**	D7C220299-004S
Matrix:	WATER	**MS Lab WorkOrder:**	JRKDX1AC
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:34
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 13:01
MS Sample Aliquot:	3 mL	**Instrument ID:**	R2
MS Dilution Factor:	6.66		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Bromobenzene	33.3	1.1	D2	29.8	90	D2	75 - 115
Bromochloromethane	33.3	0.67	D2	31.1	93	D2	78 - 118
Bromodichloromethane	33.3	1.1	D2	33.4	100	D2	78 - 118
Bromoform	33.3	1.3	D2	31.7	95	D2	74 - 121
Bromomethane	33.3	1.4	D2	27.3	82	D2	42 - 154
Carbon disulfide	33.3	3.0	D2	23.0	69	D2	56 - 104
Carbon tetrachloride	33.3	1.3	D2	36.6	110	D2	80 - 120
Chlorobenzene	33.3	1.1	D2	33.3	100	D2	78 - 118
Chlorodibromomethane	33.3	1.1	D2	32.5	98	D2	76 - 116
Chloroethane	33.3	2.7	D2	27.7	83	D2	51 - 133
Chloroform	33.3	1.1	D2	34.7	98	D2	78 - 118
Chloromethane	33.3	2.0	D2	27.6	83	D2	46 - 142
cis-1,2-Dichloroethene	33.3	200	D2 M2	221	67	D2 M2	75 - 115
cis-1,3-Dichloropropene	33.3	1.1	D2	32.3	97	D2	76 - 116
Dibromomethane	33.3	1.1	D2	33.6	101	D2	77 - 117
Dichlorodifluoromethane	33.3	2.1	D2	29.9	90	D2	56 - 140
Ethylbenzene	33.3	1.1	D2	32.9	99	D2	78 - 118
Hexachlorobutadiene	33.3	0.80	D2	34.8	104	D2	73 - 123
Isopropylbenzene	33.3	1.3	D2	30.0	90	D2	71 - 111
m-Xylene & p-Xylene	66.7	2.3		68.1	102	D2	78 - 118
Methyl tert-butyl ether	66.7	1.7	D2	41.4	62	D2	58 - 116
Methylene chloride	33.3	2.1	D2	32.1	96	D2	71 - 119
n-Butylbenzene	33.3	0.93	D2	31.6	95	D2	76 - 117
n-Propylbenzene	33.3	1.1	D2	30.7	92	D2	76 - 116
Naphthalene	33.3	1.5	D2	27.6	83	D2	62 - 121
o-Xylene	33.3	1.3		32.9	99	D2	77 - 117
p-Isopropyltoluene	33.3	1.1	D2	30.7	92	D2	76 - 113
sec-Butylbenzene	33.3	1.1	D2	34.6	104	D2	80 - 120
Styrene	33.3	1.1	D2	27.2	81	D2	77 - 117
tert-Butylbenzene	33.3	1.1	D2	30.9	93	D2	76 - 116

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PZ-1B-7A1
Lot/SDG Number:	D7C220299	**MS Lab Sample ID:**	D7C220299-004S
Matrix:	WATER	**MS Lab WorkOrder:**	JRKDX1AC
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:34
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 13:01
MS Sample Aliquot:	3 mL	**Instrument ID:**	R2
MS Dilution Factor:	6.66		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Tetrachloroethene	33.3	22	D2	53.2	93	D2	77 - 117
Toluene	33.3	1.1	D2	32.6	98	D2	73 - 120
trans-1,2-Dichloroethene	33.3	1.0	D2	34.2	103	D2	80 - 120
trans-1,3-Dichloropropene	33.3	1.3	D2	30.0	90	D2	72 - 117
Trichloroethene	33.3	440	D2	466	81	D2	78 - 122
Trichlorofluoromethane	33.3	1.9	D2	34.3	103	D2	63 - 135
Vinyl acetate	33.3	6.3	D2 L1 M2	19.3	58	D2 L1 M2	63 - 124
Vinyl chloride	33.3	1.1	D2	30.1	90	D2	49 - 136
Xylenes (total)	100	1.3	D2	101	101	D2	77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	86	70	127	D2
460-00-4	4-Bromofluorobenzene	108	78	118	D2
1868-53-7	Dibromofluoromethane	102	77	119	D2
2037-26-5	Toluene-d8	111	83	125	D2

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220299	**MSD Lab Sample ID:**	D7C220148-004D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRH1F1A2
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 11:40
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 10:29
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	5.00	0.17		4.48	90	24		77 - 117	20
1,1,1-Trichloroethane	5.00	0.16		5.29	106	8.6		78 - 118	20
1,1,2,2-Tetrachloroethane	5.00	0.20		4.65	93	22		73 - 119	20
1,1,2-Trichloroethane	5.00	0.32		4.55	91	8.9		76 - 116	21
1,1-Dichloroethane	5.00	0.16		5.01	100	0.99		77 - 117	21
1,1-Dichloroethene	5.00	0.14		5.54	111	2.9		68 - 133	20
1,1-Dichloropropene	5.00	0.15		4.75	95	7.2		75 - 115	21
1,2,3-Trichlorobenzene	5.00	0.18		5.04	101	11		66 - 123	29
1,2,3-Trichloropropane	5.00	0.27		4.50	90	13		72 - 120	23
1,2,4-Trichlorobenzene	5.00	0.32		4.97	99	5.4		73 - 121	25
1,2,4-Trimethylbenzene	5.00	0.14		4.89	98	3.8		77 - 117	20
1,2-Dibromo-3-chloroprop	5.00	1.5		4.69	94	7.1		65 - 117	22
1,2-Dibromoethane (EDB)	5.00	0.18		4.40	88	25		77 - 117	20
1,2-Dichlorobenzene	5.00	0.13		4.77	95	0.65		76 - 116	20
1,2-Dichloroethane	5.00	0.13		5.71	114	1.2		74 - 120	20
1,2-Dichloroethene (total)	10.0	0.15		9.27	93	8.6		78 - 118	20
1,2-Dichloropropane	5.00	0.13		4.98	100	3.2		76 - 116	20
1,3,5-Trimethylbenzene	5.00	0.14		4.84	97	4.6		77 - 117	20
1,3-Dichlorobenzene	5.00	0.16		4.70	94	4.1		75 - 115	20
1,3-Dichloropropane	5.00	0.15		4.48	90	9.1		75 - 115	20
1,4-Dichlorobenzene	5.00	0.16		4.49	90	3.5		77 - 117	23
2,2-Dichloropropane	5.00	0.20		5.17	103	13		72 - 128	24
2-Butanone (MEK)	10.0	1.8		8.36	84	9.4		57 - 120	32
2-Chlorotoluene	5.00	0.17		4.61	92	2.3		76 - 116	20
2-Hexanone	10.0	1.4		7.75	78	8.5		57 - 121	25

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220299	**MSD Lab Sample ID:**	D7C220148-004D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRH1F1A2
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 11:40
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 10:29
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Pentanone	10.0	0.82		8.11	81	2.9		42 - 115	26
4-Chlorotoluene	5.00	0.17		4.48	90	0.67		78 - 118	20
4-Methyl-2-pentanone	10.0	0.49		8.77	88	9.4		65 - 118	22
Acetone	10.0	1.9		8.27	37	3.6		48 - 130	41
Benzene	5.00	0.16		4.60	92	6.1		77 - 118	20
Bromobenzene	5.00	0.17		4.37	87	7.4		75 - 115	20
Bromochloromethane	5.00	0.10		4.91	98	0.81		78 - 118	20
Bromodichloromethane	5.00	0.17		5.18	104	7.1		78 - 118	20
Bromoform	5.00	0.19		4.56	91	9.2		74 - 121	21
Bromomethane	5.00	0.21		5.00	100	10		42 - 154	24
Carbon disulfide	5.00	0.45		4.19	84	2.0		56 - 104	20
Carbon tetrachloride	5.00	0.19		5.60	112	7.6		80 - 120	21
Chlorobenzene	5.00	0.17		4.63	93	0.020		78 - 118	20
Chlorodibromomethane	5.00	0.17		4.83	97	7.9		76 - 116	20
Chloroethane	5.00	0.41		5.35	107	0.76		51 - 133	25
Chloroform	5.00	0.16		5.42	103	5.8		78 - 118	20
Chloromethane	5.00	0.30		4.77	95	6.6		46 - 142	24
cis-1,2-Dichloroethene	5.00	0.15		4.65	93	11		75 - 115	20
cis-1,3-Dichloropropene	5.00	0.16		4.82	96	8.2		76 - 116	20
Dibromomethane	5.00	0.17		5.30	106	1.3		77 - 117	20
Dichlorodifluoromethane	5.00	0.31		5.00	100	11		56 - 140	24
Ethylbenzene	5.00	0.16		4.40	88	24		78 - 118	26
Hexachlorobutadiene	5.00	0.12		4.91	98	11		73 - 123	25
Isopropylbenzene	5.00	0.19		4.06	81	18		71 - 111	20
m-Xylene & p-Xylene	10.0	0.34		8.78	88	4.9		78 - 118	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220299	**MSD Lab Sample ID:**	D7C220148-004D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRH1F1A2
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 11:40
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 10:29
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R2
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Methyl tert-butyl ether	10.0	0.25		7.09	71	3.9		58 - 116	21
Methylene chloride	5.00	0.32		4.37	87	11		71 - 119	20
n-Butylbenzene	5.00	0.14		4.97	99	5.1		76 - 117	21
n-Propylbenzene	5.00	0.16		4.85	97	6.1		76 - 116	20
Naphthalene	5.00	0.22		5.02	100	8.4		62 - 121	32
o-Xylene	5.00	0.19		4.58	92	3.2		77 - 117	20
p-Isopropyltoluene	5.00	0.17		4.73	95	0.12		76 - 113	20
sec-Butylbenzene	5.00	0.17		5.41	108	1.0		80 - 120	21
Styrene	5.00	0.17		3.96	79	2.1		77 - 117	20
tert-Butylbenzene	5.00	0.16		4.90	98	4.9		76 - 116	21
Tetrachloroethene	5.00	0.20		4.18	84	9.6		77 - 117	20
Toluene	5.00	0.17		4.42	88	11		73 - 120	20
trans-1,2-Dichloroethene	5.00	0.15		4.62	92	6.6		80 - 120	24
trans-1,3-Dichloropropene	5.00	0.19		4.56	91	13		72 - 117	20
Trichloroethene	5.00	0.16		4.78	96	0.55		78 - 122	20
Trichlorofluoromethane	5.00	0.29		5.96	119	7.9		63 - 135	20
Vinyl acetate	5.00	0.94		4.20	84	1.9		63 - 124	24
Vinyl chloride	5.00	0.17		4.90	98	9.0		49 - 136	24
Xylenes (total)	15.0	0.19		13.4	89	2.2		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	93	70	127	
460-00-4	4-Bromofluorobenzene	100	78	118	
1868-53-7	Dibromofluoromethane	102	77	119	
2037-26-5	Toluene-d8	104	83	125	

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PZ-1B-7A1
Lot/SDG Number:	D7C220299	**MSD Lab Sample ID:**	D7C220299-004D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRKDX1AD
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:34
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 13:20
MSD Sample Aliquot:	3 mL	**Instrument ID:**	R2
MSD Dilution Factor:	6.66		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	33.3	1.1	D2	35.4	106	10	D2	77 - 117	20
1,1,1-Trichloroethane	33.3	1.1	D2	38.2	115	7.1	D2	78 - 118	20
1,1,2,2-Tetrachloroethane	33.3	1.3	D2	33.1	99	2.1	D2	73 - 119	20
1,1,2-Trichloroethane	33.3	2.1	D2	35.0	105	12	D2	76 - 116	21
1,1-Dichloroethane	33.3	1.1	D2	35.5	106	5.0	D2	77 - 117	21
1,1-Dichloroethene	33.3	47	D2	79.5	97	1.5	D2	68 - 133	20
1,1-Dichloropropene	33.3	1.0	D2	34.8	104	8.3	D2	75 - 115	21
1,2,3-Trichlorobenzene	33.3	1.2	D2	32.8	98	17	D2	66 - 123	29
1,2,3-Trichloropropane	33.3	1.8	D2	31.5	94	13	D2	72 - 120	23
1,2,4-Trichlorobenzene	33.3	2.1	D2	33.8	101	14	D2	73 - 121	25
1,2,4-Trimethylbenzene	33.3	0.93	D2	35.4	106	7.0	D2	77 - 117	20
1,2-Dibromo-3-chloroprop	33.3	10	D2	29.1	87	2.2	D2	65 - 117	22
1,2-Dibromoethane (EDB)	33.3	1.2	D2	33.7	101	10	D2	77 - 117	20
1,2-Dichlorobenzene	33.3	0.87	D2	33.2	100	14	D2	76 - 116	20
1,2-Dichloroethane	33.3	0.87	D2	35.3	106	1.8	D2	74 - 120	20
1,2-Dichloroethene (total)	66.7	200		255	84	0.26	D2	78 - 118	20
1,2-Dichloropropane	33.3	0.87	D2	32.8	98	0.14	D2	76 - 116	20
1,3,5-Trimethylbenzene	33.3	0.93	D2	35.2	105	7.0	D2	77 - 117	20
1,3-Dichlorobenzene	33.3	1.1	D2	32.4	97	11	D2	75 - 115	20
1,3-Dichloropropane	33.3	1.0	D2	30.9	93	0.44	D2	75 - 115	20
1,4-Dichlorobenzene	33.3	1.1	D2	32.4	97	6.0	D2	77 - 117	23
2,2-Dichloropropane	33.3	1.3	D2	36.3	109	3.9	D2	72 - 128	24
2-Butanone (MEK)	66.7	12	D2	49.8	75	5.9	D2	57 - 120	32
2-Chlorotoluene	33.3	1.1	D2	34.5	104	3.6	D2	76 - 116	20
2-Hexanone	66.7	9.3	D2 R4	58.9	88	29	D2 R4	57 - 121	25

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PZ-1B-7A1
Lot/SDG Number:	D7C220299	**MSD Lab Sample ID:**	D7C220299-004D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRKDX1AD
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:34
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 13:20
MSD Sample Aliquot:	3 mL	**Instrument ID:**	R2
MSD Dilution Factor:	6.66		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Pentanone	66.7	5.5		52.4	79	20	D2	42 - 115	26
4-Chlorotoluene	33.3	1.1	D2	33.3	100	7.6	D2	78 - 118	20
4-Methyl-2-pentanone	66.7	3.3	D2	57.1	86	14	D2	65 - 118	22
Acetone	66.7	13	D2	53.7	81	19	D2	48 - 130	41
Benzene	33.3	1.1	D2	33.9	102	3.3	D2	77 - 118	20
Bromobenzene	33.3	1.1	D2	31.5	95	5.4	D2	75 - 115	20
Bromochloromethane	33.3	0.67	D2	33.8	101	8.0	D2	78 - 118	20
Bromodichloromethane	33.3	1.1	D2	33.5	101	0.40	D2	78 - 118	20
Bromoform	33.3	1.3	D2	33.5	100	5.6	D2	74 - 121	21
Bromomethane	33.3	1.4	D2	28.5	85	4.2	D2	42 - 154	24
Carbon disulfide	33.3	3.0	D2	26.3	79	13	D2	56 - 104	20
Carbon tetrachloride	33.3	1.3	D2	37.9	114	3.4	D2	80 - 120	21
Chlorobenzene	33.3	1.1	D2	35.0	105	5.2	D2	78 - 118	20
Chlorodibromomethane	33.3	1.1	D2	34.6	104	6.2	D2	76 - 116	20
Chloroethane	33.3	2.7	D2	27.9	84	0.80	D2	51 - 133	25
Chloroform	33.3	1.1	D2	37.4	106	7.5	D2	78 - 118	20
Chloromethane	33.3	2.0	D2	28.4	85	2.7	D2	46 - 142	24
cis-1,2-Dichloroethene	33.3	200	D2 M2	219	59	1.1	D2 M2	75 - 115	20
cis-1,3-Dichloropropene	33.3	1.1	D2	34.4	103	6.2	D2	76 - 116	20
Dibromomethane	33.3	1.1	D2	34.3	103	2.0	D2	77 - 117	20
Dichlorodifluoromethane	33.3	2.1	D2	30.8	92	2.8	D2	56 - 140	24
Ethylbenzene	33.3	1.1	D2	34.9	105	5.9	D2	78 - 118	26
Hexachlorobutadiene	33.3	0.80	D2	36.2	109	4.0	D2	73 - 123	25
Isopropylbenzene	33.3	1.3	D2	32.8	98	9.0	D2	71 - 111	20
m-Xylene & p-Xylene	66.7	2.3		69.2	104	1.6	D2	78 - 118	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PZ-1B-7A1
Lot/SDG Number:	D7C220299	**MSD Lab Sample ID:**	D7C220299-004D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRKDX1AD
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:34
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/01/07 06:59
QC Batch ID:	7092304	**Date/Time Analyzed:**	04/01/07 13:20
MSD Sample Aliquot:	3 mL	**Instrument ID:**	R2
MSD Dilution Factor:	6.66		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Methyl tert-butyl ether	66.7	1.7	D2	42.9	64	3.3	D2	58 - 116	21
Methylene chloride	33.3	2.1	D2	31.8	95	0.75	D2	71 - 119	20
n-Butylbenzene	33.3	0.93	D2	37.5	112	17	D2	76 - 117	21
n-Propylbenzene	33.3	1.1	D2	34.7	104	12	D2	76 - 116	20
Naphthalene	33.3	1.5	D2	34.3	103	22	D2	62 - 121	32
o-Xylene	33.3	1.3		34.1	102	3.7	D2	77 - 117	20
p-Isopropyltoluene	33.3	1.1	D2	35.4	106	14	D2	76 - 113	20
sec-Butylbenzene	33.3	1.1	D2	37.3	112	7.4	D2	80 - 120	21
Styrene	33.3	1.1	D2	27.8	84	2.5	D2	77 - 117	20
tert-Butylbenzene	33.3	1.1	D2	37.9	114	21	D2	76 - 116	21
Tetrachloroethene	33.3	22	D2	56.8	104	6.7	D2	77 - 117	20
Toluene	33.3	1.1	D2	33.5	100	2.8	D2	73 - 120	20
trans-1,2-Dichloroethene	33.3	1.0	D2	36.1	108	5.3	D2	80 - 120	24
trans-1,3-Dichloropropene	33.3	1.3	D2	32.9	99	9.4	D2	72 - 117	20
Trichloroethene	33.3	440	D2	474	102	1.5	D2	78 - 122	20
Trichlorofluoromethane	33.3	1.9	D2	35.2	106	2.6	D2	63 - 135	20
Vinyl acetate	33.3	6.3	D2 L1 M2	21.8	65	12	D2 L1 M2	63 - 124	24
Vinyl chloride	33.3	1.1	D2	29.6	89	1.7	D2	49 - 136	24
Xylenes (total)	100	1.3	D2	103	103	2.3	D2	77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	82	70	127	D2
460-00-4	4-Bromofluorobenzene	103	78	118	D2
1868-53-7	Dibromofluoromethane	99	77	119	D2
2037-26-5	Toluene-d8	113	83	125	D2

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	RR7880.D
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7D020000-304B
Matrix:	WATER	**Lab Work Order:**	JR6601AA
Analysis Method:	8260B	**Date/Time Extracted:**	04/01/07 06:59
Extraction Method:	I25QK	**Date/Time Analyzed:**	04/01/07 08:35
QC Batch ID:	7092304	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
CHECK SAMPLE	JR6601AC C	RR7880.D	04/01/07	07:57
LAB MS/MSD MS	JRH1F1A1 S	RR7887.D	04/01/07	10:10
LAB MS/MSD MSD	JRH1F1A2 D	RR7888.D	04/01/07	10:29
ASE-111A-7A1	JRKD41AA	RR7899.D	04/01/07	13:58
TB-032107A	JRKDN1AA	RR7892.D	04/01/07	11:45
ASE-70A-7A1	JRKDQ1AA	RR7893.D	04/01/07	12:04
PZ-1A-7A1	JRKDV1AA	RR7910.D	04/01/07	17:27
PZ-1B-7A1	JRKDX1AA	RR7895.D	04/01/07	12:42
PZ-1B-7A1 MS	JRKDX1AC S	RR7896.D	04/01/07	13:01
PZ-1B-7A1 MSD	JRKDX1AD D	RR7897.D	04/01/07	13:20
PZ-1B-7A1	JRKDX2AA	RR7911.D	04/01/07	17:46
ASE-37A-7A1	JRKEA1AA	RR7900.D	04/01/07	14:17
TB-03107B	JRKED1AA	RR7901.D	04/01/07	14:36
ASE-41B-7A1	JRKER1AA	RR7902.D	04/01/07	14:55
ASE-40B-7A1	JRKEX1AA	RR7903.D	04/01/07	15:14
ASE-47B-7A1	JRKFE1AA	RR7907.D	04/01/07	16:30
ASE-26A-7A1	JRKFH1AA	RR7908.D	04/01/07	16:49
ASG-41A-7A1	JRKFL1AA	RR7909.D	04/01/07	17:08

STL

Volatile GC/MS

Lot ID: D7C220299

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 010 - 012

Batch: 7093407

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-105A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-010
Matrix:	WATER	**Lab WorkOrder:**	JRKE31AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 09:37
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 09:12
Sample Aliquot:	5 mL	**Instrument ID:**	R1
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	20		
71-55-6	1,1,1-Trichloroethane	ND	8.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.0		
79-00-5	1,1,2-Trichloroethane	ND	4.0		
75-34-3	1,1-Dichloroethane	**88**	8.0		
75-35-4	1,1-Dichloroethene	ND	8.0		
563-58-6	1,1-Dichloropropene	ND	8.0		
87-61-6	1,2,3-Trichlorobenzene	ND	20		
96-18-4	1,2,3-Trichloropropane	ND	40		
120-82-1	1,2,4-Trichlorobenzene	ND	20		
95-63-6	1,2,4-Trimethylbenzene	ND	8.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	20		
106-93-4	1,2-Dibromoethane (EDB)	ND	8.0		
95-50-1	1,2-Dichlorobenzene	ND	4.0		
107-06-2	1,2-Dichloroethane	ND	4.0		
78-87-5	1,2-Dichloropropane	ND	8.0		
108-67-8	1,3,5-Trimethylbenzene	ND	8.0		
541-73-1	1,3-Dichlorobenzene	ND	4.0		
142-28-9	1,3-Dichloropropane	ND	8.0		
106-46-7	1,4-Dichlorobenzene	ND	4.0		
594-20-7	2,2-Dichloropropane	ND	8.0		
78-93-3	2-Butanone (MEK)	ND	40		
95-49-8	2-Chlorotoluene	ND	20		
591-78-6	2-Hexanone	ND	40		
106-43-4	4-Chlorotoluene	ND	20		
108-10-1	4-Methyl-2-pentanone	ND	40		
67-64-1	Acetone	ND	80		
71-43-2	Benzene	**20**	4.0		
108-86-1	Bromobenzene	ND	20		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-105A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-010
Matrix:	WATER	**Lab WorkOrder:**	JRKE31AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 09:37
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 09:12
Sample Aliquot:	5 mL	**Instrument ID:**	R1
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	20		
75-27-4	Bromodichloromethane	ND	4.0		
75-25-2	Bromoform	ND	20		
74-83-9	Bromomethane	ND	20		
75-15-0	Carbon disulfide	ND	20		
56-23-5	Carbon tetrachloride	ND	8.0		
108-90-7	Chlorobenzene	ND	4.0		
124-48-1	Chlorodibromomethane	ND	8.0		
75-00-3	Chloroethane	ND	20		
67-66-3	Chloroform	ND	8.0		
74-87-3	Chloromethane	ND	20		
156-59-2	cis-1,2-Dichloroethene	ND	8.0		
10061-01-5	cis-1,3-Dichloropropene	ND	8.0		
74-95-3	Dibromomethane	ND	8.0		
75-71-8	Dichlorodifluoromethane	ND	20		
100-41-4	Ethylbenzene	ND	8.0		
87-68-3	Hexachlorobutadiene	ND	20		
74-88-4	Iodomethane	ND	40		
98-82-8	Isopropylbenzene	**9.0**	8.0		
1634-04-4	Methyl tert-butyl ether	ND	20		
75-09-2	Methylene chloride	ND	20		
91-20-3	Naphthalene	**47**	8.0		
104-51-8	n-Butylbenzene	ND	20		
103-65-1	n-Propylbenzene	ND	8.0		
99-87-6	p-Isopropyltoluene	ND	8.0		
135-98-8	sec-Butylbenzene	ND	20		
100-42-5	Styrene	ND	8.0		
98-06-6	tert-Butylbenzene	ND	20		
127-18-4	Tetrachloroethene	ND	4.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-105A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-010
Matrix:	WATER	**Lab WorkOrder:**	JRKE31AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 09:37
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 09:12
Sample Aliquot:	5 mL	**Instrument ID:**	R1
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	8.0		
156-60-5	trans-1,2-Dichloroethene	ND	8.0		
10061-02-6	trans-1,3-Dichloropropene	ND	8.0		
79-01-6	Trichloroethene	ND	4.0		
75-69-4	Trichlorofluoromethane	ND	20		
108-05-4	Vinyl acetate	ND	100		
75-01-4	Vinyl chloride	**12**	4.0		
1330-20-7	Xylenes (total)	ND	40		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	107	70	127		
2037-26-5	Toluene-d8	116	83	125		
1868-53-7	Dibromofluoromethane	104	77	119		
460-00-4	4-Bromofluorobenzene	106	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-108A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-011
Matrix:	WATER	**Lab WorkOrder:**	JRKE81AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:15
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 09:31
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**25**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	**6.1**	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-108A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-011
Matrix:	WATER	**Lab WorkOrder:**	JRKE81AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:15
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 09:31
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	**2.1**	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	**7.7**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**7.2**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-108A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-011
Matrix:	WATER	**Lab WorkOrder:**	JRKE81AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:15
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 09:31
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**2.5**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	**3.5**	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	111	70	127		
2037-26-5	Toluene-d8	117	83	125		
1868-53-7	Dibromofluoromethane	104	77	119		
460-00-4	4-Bromofluorobenzene	108	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-62A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-012
Matrix:	WATER	**Lab WorkOrder:**	JRKE91AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:55
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 09:50
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**9.4**	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-62A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-012
Matrix:	WATER	**Lab WorkOrder:**	JRKE91AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:55
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 09:50
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**2.6**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-62A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-012
Matrix:	WATER	**Lab WorkOrder:**	JRKE91AA
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:55
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 09:50
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**1.3**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	111	70	127		
2037-26-5	Toluene-d8	116	83	125		
1868-53-7	Dibromofluoromethane	103	77	119		
460-00-4	4-Bromofluorobenzene	104	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7D030000-407B
Matrix:	WATER	**Lab WorkOrder:**	JTAAF1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 08:53
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	L1
75-01-4	Vinyl chloride	0.17	0.17	1.0	

Form 1 Prep Blank Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7D030000-407B
Matrix:	WATER	**Lab WorkOrder:**	JTAAF1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 08:53
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7D030000-407B
Matrix:	WATER	**Lab WorkOrder:**	JTAAF1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 08:53
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	117	70	127	
2037-26-5	Toluene-d8	112	83	125	
1868-53-7	Dibromofluoromethane	106	77	119	
460-00-4	4-Bromofluorobenzene	101	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK

Lot/SDG Number: D7C220299 **QC Batch ID:** 7093407

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
PL-105A-7A1	JRKE31AA	107	106	104	116					0
ASE-108A-7A1	JRKE81AA	111	108	104	117					0
ASE-62A-7A1	JRKE91AA	111	104	103	116					0
LAB MS/MSD MS	JRM9V1AD	110	111	115	115					0
LAB MS/MSD MSD	JRM9V1AE	116	117	113	115					0
INTRA-LAB BLANK	JTAAF1AA	117	101	106	112					0
CHECK SAMPLE	JTAAF1AC	117	111	109	117					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7D030000-407C
Matrix:	WATER	**Lab WorkOrder:**	JTAAF1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 08:15
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	5.47	109		72 - 117
Acetone	10.0	10.5	105		48 - 130
Ethylbenzene	5.00	5.17	103		78 - 118
Trichlorofluoromethane	5.00	4.18	84		63 - 135
Hexachlorobutadiene	5.00	5.01	100		73 - 123
2-Hexanone	10.0	10.9	109		57 - 121
Isopropylbenzene	5.00	4.95	99		71 - 111
p-Isopropyltoluene	5.00	5.34	107		76 - 113
Methylene chloride	5.00	4.70	94		71 - 119
4-Methyl-2-pentanone	10.0	11.2	112		65 - 118
Naphthalene	5.00	4.92	98		62 - 121
Benzene	5.00	4.93	99		77 - 118
2-Pentanone	10.0	9.27	93		42 - 115
n-Propylbenzene	5.00	5.53	111		76 - 116
Styrene	5.00	4.82	96		77 - 117
1,1,1,2-Tetrachloroethane	5.00	5.02	100		77 - 117
1,1,2,2-Tetrachloroethane	5.00	4.38	88		73 - 119
Tetrachloroethene	5.00	5.09	102		77 - 117
Toluene	5.00	5.15	103		73 - 120
1,2,3-Trichlorobenzene	5.00	5.87	117		66 - 123
1,2,4-Trichlorobenzene	5.00	5.25	105		73 - 121
1,1,1-Trichloroethane	5.00	4.85	97		78 - 118
1,1,2-Trichloroethane	5.00	5.10	102		76 - 116
Trichloroethene	5.00	5.18	104		78 - 122
1,2,3-Trichloropropane	5.00	4.66	93		72 - 120
1,2,4-Trimethylbenzene	5.00	5.78	116		77 - 117
1,3,5-Trimethylbenzene	5.00	5.66	113		77 - 117
Vinyl acetate	5.00	6.47	129		63 - 124
Vinyl chloride	5.00	4.15	83		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7D030000-407C
Matrix:	WATER	**Lab WorkOrder:**	JTAAF1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 08:15
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	5.00	5.46	109		77 - 117
Xylenes (total)	15.0	16.1	107		77 - 117
Methyl tert-butyl ether	10.0	8.70	87		58 - 116
m-Xylene & p-Xylene	10.0	10.6	106		78 - 118
Bromobenzene	5.00	5.19	104		75 - 115
Bromochloromethane	5.00	4.89	98		78 - 118
Bromodichloromethane	5.00	4.99	100		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	4.14	83		65 - 117
1,2-Dibromoethane (EDB)	5.00	5.02	100		77 - 117
2-Butanone (MEK)	10.0	9.31	93		57 - 120
Bromoform	5.00	4.44	89		74 - 121
Bromomethane	5.00	3.49	70		42 - 154
n-Butylbenzene	5.00	5.84	117		76 - 117
sec-Butylbenzene	5.00	5.48	110		80 - 120
tert-Butylbenzene	5.00	5.48	110		76 - 116
Carbon disulfide	5.00	3.24	65		56 - 104
Carbon tetrachloride	5.00	4.84	97		80 - 120
Chlorobenzene	5.00	5.06	101		78 - 118
Chlorodibromomethane	5.00	4.99	100		76 - 116
Chloroethane	5.00	4.01	80		51 - 133
2-Chloroethyl vinyl ether	5.00	3.59	72		17 - 150
Chloroform	5.00	4.89	98		78 - 118
Chloromethane	5.00	4.11	82		46 - 142
2-Chlorotoluene	5.00	5.47	109		76 - 116
4-Chlorotoluene	5.00	5.43	109		78 - 118
Dibromomethane	5.00	4.85	97		77 - 117
1,2-Dichlorobenzene	5.00	5.31	106		76 - 116
1,3-Dichlorobenzene	5.00	5.23	105		75 - 115
1,4-Dichlorobenzene	5.00	5.32	106		77 - 117

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7D030000-407C
Matrix:	WATER	**Lab WorkOrder:**	JTAAF1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 08:15
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Dichlorodifluoromethane	5.00	4.39	88		56 - 140
1,1-Dichloroethane	5.00	5.02	100		77 - 117
1,2-Dichloroethane	5.00	5.18	104		74 - 120
1,1-Dichloroethene	5.00	4.64	93		68 - 133
cis-1,2-Dichloroethene	5.00	4.81	96		75 - 115
trans-1,2-Dichloroethene	5.00	5.09	102		80 - 120
1,2-Dichloroethene (total)	10.0	9.90	99		78 - 118
1,2-Dichloropropane	5.00	5.13	103		76 - 116
1,3-Dichloropropane	5.00	5.08	102		75 - 115
2,2-Dichloropropane	5.00	4.90	98		72 - 128
1,1-Dichloropropene	5.00	4.91	98		75 - 115
cis-1,3-Dichloropropene	5.00	4.46	89		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	117	70	127	
2037-26-5	Toluene-d8	117	83	125	
1868-53-7	Dibromofluoromethane	109	77	119	
460-00-4	4-Bromofluorobenzene	111	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220299	**MS Lab Sample ID:**	D7C230305-014S
Matrix:	WATER	**MS Lab WorkOrder:**	JRM9V1AD
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 14:38
MS Sample Aliquot:	2 mL	**Instrument ID:**	R1
MS Dilution Factor:	10		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	50.0	1.7		46.7	93	D2	77 - 117
1,1,1-Trichloroethane	50.0	1.6		46.0	92	D2	78 - 118
1,1,2,2-Tetrachloroethane	50.0	2.0		44.8	90	D2	73 - 119
1,1,2-Trichloroethane	50.0	3.2		65.6	131	D2 M1	76 - 116
1,1-Dichloroethane	50.0	1.6		64.7	98	D2	77 - 117
1,1-Dichloroethene	50.0	1.4		45.4	91	D2	68 - 133
1,1-Dichloropropene	50.0	1.5		53.3	107	D2	75 - 115
1,2,3-Trichlorobenzene	50.0	1.8		45.3	91	D2	66 - 123
1,2,3-Trichloropropane	50.0	2.7		40.7	81	D2	72 - 120
1,2,4-Trichlorobenzene	50.0	3.2		45.2	90	D2	73 - 121
1,2,4-Trimethylbenzene	50.0	53		107	107	D2	77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	50.0	15		49.2	98	D2	65 - 117
1,2-Dibromoethane (EDB)	50.0	1.8		47.3	95	D2	77 - 117
1,2-Dichlorobenzene	50.0	1.3		45.0	90	D2	76 - 116
1,2-Dichloroethane	50.0	1.3		61.2	122	D2 M1	74 - 120
1,2-Dichloroethene (total)	100	1.5		102	97	D2	78 - 118
1,2-Dichloropropane	50.0	1.3		51.6	103	D2	76 - 116
1,3,5-Trimethylbenzene	50.0	1.4		69.1	120	D2 M1	77 - 117
1,3-Dichlorobenzene	50.0	1.6		43.5	87	D2	75 - 115
1,3-Dichloropropane	50.0	1.5		44.1	88	D2	75 - 115
1,4-Dichlorobenzene	50.0	1.6		44.5	89	D2	77 - 117
2,2-Dichloropropane	50.0	2.0		47.3	95	D2	72 - 128
2-Butanone (MEK)	100	18		64.3	64	D2	57 - 120
2-Chloroethyl vinyl ether	50.0	7.4		7.4	0.0	D2 M2	17 - 150
2-Chlorotoluene	50.0	1.7		47.9	96	D2	76 - 116
2-Hexanone	100	14		89.9	90	D2	57 - 121
2-Pentanone	100	8.2		87.9	88	D2	42 - 115
4-Chlorotoluene	50.0	1.7		46.6	93	D2	78 - 118
4-Methyl-2-pentanone	100	4.9		96.4	96	D2	65 - 118
Acetone	100	19		77.0	77	D2	48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220299	**MS Lab Sample ID:**	D7C230305-014S
Matrix:	WATER	**MS Lab WorkOrder:**	JRM9V1AD
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 14:38
MS Sample Aliquot:	2 mL	**Instrument ID:**	R1
MS Dilution Factor:	10		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	50.0	330		382	95	D2 M2	77 - 118
Bromobenzene	50.0	1.7		45.7	91	D2	75 - 115
Bromochloromethane	50.0	1.0		45.9	92	D2	78 - 118
Bromodichloromethane	50.0	1.7		47.6	95	D2	78 - 118
Bromoform	50.0	1.9		38.0	76	D2	74 - 121
Bromomethane	50.0	2.1		31.0	62	D2	42 - 154
Carbon disulfide	50.0	4.5		29.8	60	D2	56 - 104
Carbon tetrachloride	50.0	1.9		47.4	95	D2	80 - 120
Chlorobenzene	50.0	1.7		46.3	93	D2	78 - 118
Chlorodibromomethane	50.0	1.7		44.9	90	D2	76 - 116
Chloroethane	50.0	4.1		40.2	80	D2	51 - 133
Chloroform	50.0	1.6		48.6	97	D2	78 - 118
Chloromethane	50.0	3.0		39.7	79	D2	46 - 142
cis-1,2-Dichloroethene	50.0	1.5		53.7	98	D2	75 - 115
cis-1,3-Dichloropropene	50.0	1.6		42.0	84	D2	76 - 116
Dibromomethane	50.0	1.7		46.2	92	D2	77 - 117
Dichlorodifluoromethane	50.0	3.1		42.6	85	D2	56 - 140
Ethylbenzene	50.0	48		98.5	101	D2	78 - 118
Hexachlorobutadiene	50.0	1.2		43.7	87	D2	73 - 123
Isopropylbenzene	50.0	1.9		54.8	95	D2	71 - 111
m-Xylene & p-Xylene	100	53		153	100	D2	78 - 118
Methyl tert-butyl ether	100	66		152	86	D2	58 - 116
Methylene chloride	50.0	3.2		46.0	92	D2	71 - 119
n-Butylbenzene	50.0	1.4		53.4	101	D2	76 - 117
n-Propylbenzene	50.0	1.6		56.5	99	D2	76 - 116
Naphthalene	50.0	46		80.2	68	D2	62 - 121
o-Xylene	50.0	1.9		53.1	100	D2	77 - 117
p-Isopropyltoluene	50.0	0.17		48.2	88	D2	76 - 113
sec-Butylbenzene	50.0	1.7		54.4	99	D2	80 - 120
Styrene	50.0	1.7		42.2	84	D2	77 - 117

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220299	**MS Lab Sample ID:**	D7C230305-014S
Matrix:	WATER	**MS Lab WorkOrder:**	JRM9V1AD
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 14:38
MS Sample Aliquot:	2 mL	**Instrument ID:**	R1
MS Dilution Factor:	10		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
tert-Butylbenzene	50.0	1.6		54.5	109	D2	76 - 116
Tetrachloroethene	50.0	2.0		48.8	98	D2	77 - 117
Toluene	50.0	1.7		49.8	100	D2	73 - 120
trans-1,2-Dichloroethene	50.0	1.5		48.2	96	D2	80 - 120
trans-1,3-Dichloropropene	50.0	1.9		51.4	103	D2	72 - 117
Trichloroethene	50.0	13		63.1	101	D2	78 - 122
Trichlorofluoromethane	50.0	2.9		41.7	83	D2	63 - 135
Vinyl acetate	50.0	9.4		62.0	124	D2 M1	63 - 124
Vinyl chloride	50.0	1.7		40.5	81	D2	49 - 136
Xylenes (total)	150	1.9		206	100	D2	77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	110	70	127	D2
460-00-4	4-Bromofluorobenzene	111	78	118	D2
1868-53-7	Dibromofluoromethane	115	77	119	D2
2037-26-5	Toluene-d8	115	83	125	D2

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220299	**MSD Lab Sample ID:**	D7C230305-014D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRM9V1AE
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 14:57
MSD Sample Aliquot:	2 mL	**Instrument ID:**	R1
MSD Dilution Factor:	10		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	50.0	1.7		49.6	99	5.9	D2	77 - 117	20
1,1,1-Trichloroethane	50.0	1.6		48.8	98	6.1	D2	78 - 118	20
1,1,2,2-Tetrachloroethane	50.0	2.0		47.0	94	4.8	D2 M1	73 - 119	20
1,1,2-Trichloroethane	50.0	3.2		68.2	136	3.9	D2 M1	76 - 116	21
1,1-Dichloroethane	50.0	1.6		66.0	100	2.0	D2	77 - 117	21
1,1-Dichloroethene	50.0	1.4		50.1	100	9.8	D2	68 - 133	20
1,1-Dichloropropene	50.0	1.5		54.0	108	1.2	D2	75 - 115	21
1,2,3-Trichlorobenzene	50.0	1.8		53.7	107	17	D2	66 - 123	29
1,2,3-Trichloropropane	50.0	2.7		42.6	85	4.4	D2	72 - 120	23
1,2,4-Trichlorobenzene	50.0	3.2		51.6	103	13	D2	73 - 121	25
1,2,4-Trimethylbenzene	50.0	53		104	101	2.7	D2	77 - 117	20
1,2-Dibromo-3-chloroprop	50.0	15		52.9	106	7.1	D2	65 - 117	22
1,2-Dibromoethane (EDB)	50.0	1.8		51.4	103	8.4	D2	77 - 117	20
1,2-Dichlorobenzene	50.0	1.3		47.5	95	5.4	D2	76 - 116	20
1,2-Dichloroethane	50.0	1.3		64.7	129	5.5	D2 M1	74 - 120	20
1,2-Dichloroethene (total)	100	1.5		106	101	3.7	D2	78 - 118	20
1,2-Dichloropropane	50.0	1.3		53.8	108	4.2	D2	76 - 116	20
1,3,5-Trimethylbenzene	50.0	1.4		66.4	115	4.0	D2 M1	77 - 117	20
1,3-Dichlorobenzene	50.0	1.6		45.9	92	5.4	D2	75 - 115	20
1,3-Dichloropropane	50.0	1.5		48.5	97	9.6	D2	75 - 115	20
1,4-Dichlorobenzene	50.0	1.6		46.4	93	4.2	D2	77 - 117	23
2,2-Dichloropropane	50.0	2.0		50.3	101	6.2	D2	72 - 128	24
2-Butanone (MEK)	100	18		83.6	84	26	D2	57 - 120	32
2-Chloroethyl vinyl ether	50.0	7.4		7.4	0.0	0.0	D2 M2	17 - 150	31
2-Chlorotoluene	50.0	1.7		48.4	97	0.99	D2	76 - 116	20

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220299	**MSD Lab Sample ID:**	D7C230305-014D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRM9V1AE
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 14:57
MSD Sample Aliquot:	2 mL	**Instrument ID:**	R1
MSD Dilution Factor:	10		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Hexanone	100	14		100	100	11	D2	57 - 121	25
2-Pentanone	100	8.2		101	101	14	D2	42 - 115	26
4-Chlorotoluene	50.0	1.7		47.5	95	1.9	D2	78 - 118	20
4-Methyl-2-pentanone	100	4.9		106	106	9.1	D2	65 - 118	22
Acetone	100	19		78.6	79	2.0	D2	48 - 130	41
Benzene	50.0	330		361	55	5.4	D2 M2	77 - 118	20
Bromobenzene	50.0	1.7		47.1	94	3.0	D2	75 - 115	20
Bromochloromethane	50.0	1.0		53.0	106	14	D2	78 - 118	20
Bromodichloromethane	50.0	1.7		50.8	102	6.4	D2	78 - 118	20
Bromoform	50.0	1.9		44.5	89	16	D2	74 - 121	21
Bromomethane	50.0	2.1		35.4	71	13	D2	42 - 154	24
Carbon disulfide	50.0	4.5		31.9	64	6.8	D2	56 - 104	20
Carbon tetrachloride	50.0	1.9		49.4	99	4.2	D2	80 - 120	21
Chlorobenzene	50.0	1.7		50.0	100	7.6	D2	78 - 118	20
Chlorodibromomethane	50.0	1.7		49.4	99	9.5	D2	76 - 116	20
Chloroethane	50.0	4.1		42.9	86	6.4	D2	51 - 133	25
Chloroform	50.0	1.6		49.8	100	2.4	D2	78 - 118	20
Chloromethane	50.0	3.0		42.2	84	6.0	D2	46 - 142	24
cis-1,2-Dichloroethene	50.0	1.5		54.5	100	1.5	D2	75 - 115	20
cis-1,3-Dichloropropene	50.0	1.6		44.4	89	5.5	D2	76 - 116	20
Dibromomethane	50.0	1.7		49.3	99	6.4	D2	77 - 117	20
Dichlorodifluoromethane	50.0	3.1		41.1	82	3.7	D2	56 - 140	24
Ethylbenzene	50.0	48		98.6	102	0.12	D2	78 - 118	26
Hexachlorobutadiene	50.0	1.2		44.4	89	1.6	D2	73 - 123	25
Isopropylbenzene	50.0	1.9		57.5	101	4.9	D2	71 - 111	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C220299	**MSD Lab Sample ID:**	D7C230305-014D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRM9V1AE
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 14:57
MSD Sample Aliquot:	2 mL	**Instrument ID:**	R1
MSD Dilution Factor:	10		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
m-Xylene & p-Xylene	100	53		155	102	1.4	D2	78 - 118	20
Methyl tert-butyl ether	100	66		158	92	4.2	D2	58 - 116	21
Methylene chloride	50.0	3.2		51.7	103	12	D2	71 - 119	20
n-Butylbenzene	50.0	1.4		56.2	106	5.0	D2	76 - 117	21
n-Propylbenzene	50.0	1.6		57.5	101	1.6	D2	76 - 116	20
Naphthalene	50.0	46		89.1	86	11	D2	62 - 121	32
o-Xylene	50.0	1.9		56.9	108	7.0	D2	77 - 117	20
p-Isopropyltoluene	50.0	0.17		49.6	91	2.9	D2	76 - 113	20
sec-Butylbenzene	50.0	1.7		55.0	100	1.1	D2	80 - 120	21
Styrene	50.0	1.7		45.8	92	8.0	D2	77 - 117	20
tert-Butylbenzene	50.0	1.6		56.5	113	3.6	D2	76 - 116	21
Tetrachloroethene	50.0	2.0		50.5	101	3.5	D2	77 - 117	20
Toluene	50.0	1.7		51.2	102	2.7	D2	73 - 120	20
trans-1,2-Dichloroethene	50.0	1.5		51.3	103	6.2	D2	80 - 120	24
trans-1,3-Dichloropropene	50.0	1.9		54.0	108	5.0	D2	72 - 117	20
Trichloroethene	50.0	13		65.2	105	3.2	D2	78 - 122	20
Trichlorofluoromethane	50.0	2.9		44.4	89	6.4	D2	63 - 135	20
Vinyl acetate	50.0	9.4		63.6	127	2.5	D2 M1 L1	63 - 124	24
Vinyl chloride	50.0	1.7		41.8	84	3.1	D2	49 - 136	24
Xylenes (total)	150	1.9		212	104	2.9	D2	77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	116	70	127	D2
460-00-4	4-Bromofluorobenzene	117	78	118	D2
1868-53-7	Dibromofluoromethane	113	77	119	D2
2037-26-5	Toluene-d8	115	83	125	D2

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	R3482.D
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7D030000-407B
Matrix:	WATER	**Lab Work Order:**	JTAAF1AA
Analysis Method:	8260B	**Date/Time Extracted:**	04/02/07 06:27
Extraction Method:	I25QK	**Date/Time Analyzed:**	04/02/07 08:53
QC Batch ID:	7093407	**Instrument ID:**	R1

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
PL-105A-7A1	JRKE31AA	R3482.D	04/02/07	09:12
ASE-108A-7A1	JRKE81AA	R3483.D	04/02/07	09:31
ASE-62A-7A1	JRKE91AA	R3484.D	04/02/07	09:50
LAB MS/MSD MS	JRM9V1AD S	R3499.D	04/02/07	14:38
LAB MS/MSD MSD	JRM9V1AE D	R3500.D	04/02/07	14:57
CHECK SAMPLE	JTAAF1AC C	R3479.D	04/02/07	08:15

STL

Semivolatile GC

Lot ID: D7C220299

Client: CH2M Hill

Method: SW846 8015B DRO

Associated Samples: 005

Batch: 7081435

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-111A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-005
Matrix:	WATER	**Lab WorkOrder:**	JRKD41AC
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 14:11
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/22/07 15
QC Batch ID:	7081435	**Date/Time Analyzed:**	03/28/07 06:02
Sample Aliquot:	1050 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.075**	0.032	0.25	E4	J
Q2210	TPH C10-C32	**0.076**	0.032	0.25	E4	J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50	E8	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	110	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220000-435B
Matrix:	WATER	**Lab WorkOrder:**	JRKLC1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/22/07 15:30
QC Batch ID:	7081435	**Date/Time Analyzed:**	03/27/07 21:53
Sample Aliquot:	1000 mL	**Instrument ID:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1767	Diesel Range Organics (C10-C28)	0.032	0.032	0.25	
Q1770	TPH quantitated as Motor Oil(C24-C36)	0.056	0.056	0.50	
Q2210	TPH C10-C32	0.032	0.032	0.25	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	116	48	117	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09KI

Lot/SDG Number: D7C220299 **QC Batch ID:** 7081435

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-111A-7A1	JRKD41AC	110								0
INTRA-LAB BLANK	JRKLC1AA	116								0
CHECK SAMPLE	JRKLC1AC	98								0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	o-Terphenyl	50	115

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220000-435C
Matrix:	WATER	**Lab WorkOrder:**	JRKLC1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/22/07 15:30
QC Batch ID:	7081435	**Date/Time Analyzed:**	03/27/07 22:20
Sample Aliquot:	1000 mL	**Instrument ID:**	Z2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Diesel Range Organics	2.00	1.70	85		54 - 115
Diesel Range Organics (C10-C28)	2.00	1.70	85		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	98	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	048F4801.
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220000-435B
Matrix:	WATER	**Lab Work Order:**	JRKLC1AA
Analysis Method:	8015B	**Date/Time Extracted:**	03/22/07 15:30
Extraction Method:	I09KI	**Date/Time Analyzed:**	03/27/07 21:53
QC Batch ID:	7081435	**Instrument ID:**	Z2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASB-111A-7A1	JRKD41AC	048F4801.	03/28/07	06:02
CHECK SAMPLE	JRKLC1AC C	031F3101.	03/27/07	22:20

STL

Semivolatile GC

Lot ID: D7C220299

Client: CH2M Hill

Method: SW846 8015B DRO

Associated Samples: 006, 010 -012, 015

Batch: 7086097

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-37A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-006
Matrix:	WATER	**Lab WorkOrder:**	JRKEA1AC
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 12:51
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/27/07 08
QC Batch ID:	7086097	**Date/Time Analyzed:**	03/28/07 21:24
Sample Aliquot:	988 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.20**	0.032	0.25	E4	J
Q2210	TPH C10-C32	**0.20**	0.032	0.25	E4	J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50	E8	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	99	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-105A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-010
Matrix:	WATER	**Lab WorkOrder:**	JRKE31AC
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 09:37
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/27/07 08
QC Batch ID:	7086097	**Date/Time Analyzed:**	03/28/07 22:01
Sample Aliquot:	921 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.81**	0.032	0.25		
Q2210	TPH C10-C32	**0.81**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	102	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-108A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-011
Matrix:	WATER	**Lab WorkOrder:**	JRKE81AC
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:15
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/27/07 08
QC Batch ID:	7086097	**Date/Time Analyzed:**	03/28/07 22:38
Sample Aliquot:	892 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.12**	0.032	0.25	E4	J
Q2210	TPH C10-C32	**0.14**	0.032	0.25	E4	J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50	E8	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	101	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-62A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-012
Matrix:	WATER	**Lab WorkOrder:**	JRKE91AC
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 10:55
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/27/07 08
QC Batch ID:	7086097	**Date/Time Analyzed:**	03/28/07 23:14
Sample Aliquot:	982 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	100	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-41A-7A1
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C220299-015
Matrix:	WATER	**Lab WorkOrder:**	JRKFL1AC
% Moisture:	N/A	**Date/Time Collected:**	03/21/07 07:40
Basis:	Wet	**Date/Time Received:**	03/22/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/27/07 08
QC Batch ID:	7086097	**Date/Time Analyzed:**	03/28/07 23:51
Sample Aliquot:	926 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**2.1**	0.032	0.25		
Q2210	TPH C10-C32	**2.1**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	103	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C270000-097B
Matrix:	WATER	**Lab WorkOrder:**	JRRL81AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/27/07 08:00
QC Batch ID:	7086097	**Date/Time Analyzed:**	03/28/07 20:10
Sample Aliquot:	1000 mL	**Instrument ID:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1767	Diesel Range Organics (C10-C28)	0.032	0.032	0.25	
Q1770	TPH quantitated as Motor Oil(C24-C36)	0.056	0.056	0.50	
Q2210	TPH C10-C32	0.032	0.032	0.25	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	98	48	117	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09KI

Lot/SDG Number: D7C220299 **QC Batch ID:** 7086097

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
PL-105A-7A1	JRKE31AC	102								0
ASE-108A-7A1	JRKE81AC	101								0
ASE-62A-7A1	JRKE91AC	100								0
ASE-37A-7A1	JRKEA1AC	99								0
ASG-41A-7A1	JRKFL1AC	103								0
INTRA-LAB BLANK	JRRL81AA	98								0
CHECK SAMPLE	JRRL81AC	74								0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	o-Terphenyl	50	115

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C270000-097C
Matrix:	WATER	**Lab WorkOrder:**	JRRL81AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/27/07 08:00
QC Batch ID:	7086097	**Date/Time Analyzed:**	03/28/07 20:47
Sample Aliquot:	1000 mL	**Instrument ID:**	U
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Diesel Range Organics	2.00	1.67	84		54 - 115
TPH C10 - C36	2.00	1.66	83		57 - 115
TPH C10 - C28	2.00	1.67	84		57 - 115
Diesel Range Organics (C10-C28)	2.00	1.67	84		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	74	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	009B0901.
Lot/SDG Number:	D7C220299	**Lab Sample ID:**	D7C270000-097B
Matrix:	WATER	**Lab Work Order:**	JRRL81AA
Analysis Method:	8015B	**Date/Time Extracted:**	03/27/07 08:00
Extraction Method:	I09KI	**Date/Time Analyzed:**	03/28/07 20:10
QC Batch ID:	7086097	**Instrument ID:**	U

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
PL-105A-7A1	JRKE31AC	009B0901.	03/28/07	22:01
ASE-108A-7A1	JRKE81AC	010B1001.	03/28/07	22:38
ASE-62A-7A1	JRKE91AC	011B1101.	03/28/07	23:14
ASE-37A-7A1	JRKEA1AC	008B0801.	03/28/07	21:24
ASG-41A-7A1	JRKFL1AC	012B1201.	03/28/07	23:51
CHECK SAMPLE	JRRL81AC C	007B0701.	03/28/07	20:47

2.0 MB
3/22/07

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC # : 37380_070321A
Page 1 of 1

Lab Use Only
Project No:
Job No:

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: Mike Wiese
Project Number:
Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐

NNM
TAT

Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

	Sample Identification: Location ID	Field Sample ID	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS / MSD	Filtered Sample	Unfiltered Sample	SW8015 (GRO/HRO)	SW8260	Lab Sample Numbers
1	Trip Blank	TB-032107A	Mar 21 2007	0800	BLKWATER	WATER	23	X			X		X	
2	~~ASE-72A~~	~~ASE-72A-7A1~~	~~Mar 21 2007~~		~~GW~~	~~WATER~~	~~3~~	~~X~~			~~X~~		~~X~~	
3	~~ASE-72B~~	~~ASE-72B-7A1~~	~~Mar 21 2007~~		~~GW~~	~~WATER~~	~~3~~	~~X~~			~~X~~		~~X~~	
4	ASE-70A	ASE-70A-7A1	Mar 21 2007	0921	GW	WATER	3	X			X		X	
5	PZ-1A	PZ-1A-7A1	Mar 21 2007	1002	GW	WATER	3	X			X		X	
6	PZ-1B	PZ-1B-7A1	Mar 21 2007	1034	GW	WATER	9	X	X		X		X	
7	ASE-111A	ASE-111A-7A1	Mar 21 2007	1411	GW	WATER	5	X			X	X	X	
8	~~ASE-115A~~	~~ASE-115A-7A1~~	~~Mar 21 2007~~		~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~	
9	~~FIELDQC~~	~~PL-516-7A1~~	~~Mar 21 2007~~		~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~	
10	ASE-37A	ASE-37A-7A1	Mar 21 2007	1251	GW	WATER	5	X			X	X	X	
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														

Special Instructions: Standard TAT 10 days.

Relinquished by:	Company:	Date/Time:	Received by:	Company:
MFW	H+A	03/21/07 1700		FED EX
		3/22/07 0845		SFR

1.4 AB IR2
3/22/07

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC # : 37380_070322B
Page 1 of 1
Lab Use Only
Project No:
Job No:

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: ~~Mike Wiese~~ Rich Randall
Project Number:
Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐

Normal TAT

	Location ID	Field Sample ID	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS/MSD	Filtered Sample	Unfiltered Sample	SW8015	SW8260	Lab Sample Numbers
1	TRIP BLANK	TB-032207B 3-21	Mar 22 2007	0600	BLKWATER	WATER	2	X			X		X	
2	ASE-41B	ASE-41B-7A1	Mar 22 2007	0816	GW	WATER	3	X			X		X	
3	ASE-40B	ASE-40B-7A1	Mar 22 2007	0907	GW	WATER	3	X			X		X	
4	PL-105A	PL-105A-7A1	Mar 22 2007	0937	GW	WATER	5	X			X	X	X	
5	ASE-108A	ASE-108A-7A1	Mar 22 2007	1015	GW	WATER	5	X			X	X	X	
6	ASE-62A	ASE-62A-7A1	Mar 22 2007	1055	GW	WATER	5	X			X	X	X	
7	ASE-47B	ASE-47B-7A1	Mar 22 2007	1327	GW	WATER	3	X			X		X	
8	ASE-26A	ASE-26A-7A1 3.21	Mar 22 2007	1229	GW	WATER	3	X			X		X	
9	~~ASE-65A~~	~~ASE-65A-7A1~~	~~Mar 22 2007~~	~~—~~	~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~	
10	~~FIELDQC~~	~~PL-515-7A1~~	~~Mar 22 2007~~		~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~	
11														
12	A5541A	A5541A -7A1	3.21	0740	GW	WTR	5	X			X	X	X	
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														

Special Instructions: Standard TAT 10 days.

Relinquished by:	Company:	Date/Time:	Received by:	Company:
NJW	HA	03/21/07 1700		Fed Ex
		3/22/07 0845		STL

STL Denver

Sample Receiving Checklist

Lot #: D7C220299 Date/Time Received: 3.22.07 0845

Company Name & Sampling Site: Ca M Hill

PM to Complete This Section: *Yes* *No* *Yes* *No*

Residual chlorine check required: ☐ ☐ Quarantined : ☐ ☐

Quote #: 69074

Special Instructions:

122

Time Zone:

• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): 1 2

Temperatures (°C): 2.8 1.4

N/A	*Yes*	*No*		*Initials*
☐	☑	☐	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	kp
	☑	☐	2. Chain of custody present? If no, document on CUR.	
	☐	☑	3. Bottles broken and/or are leaking? If yes, document on CUR.	
	☐	☑	4. Multiphasic samples obvious? If yes, document on CUR.	
	☑	☐	5. Proper container & preservatives used? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR.	
☑	☐	☐	6. pH of all samples checked and meet requirements? If no, document on CUR.	
	☑	☐	7. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.	
	☑	☐	8. Did chain of custody agree with labels ID and samples received? If no, document on CUR.	
☐	☑	☐	9. Were VOA samples without headspace? If no, document on CUR.	
☐	☑	☐	10. Were VOA vials preserved? Preservative ☑HCl ☐4±2°C ☐Sodium Thiosulfate ☐ Ascorbic Acid	
	☐	☑	11. Did samples require preservation with sodium thiosulfate?	
☑	☐	☐	12. If yes to #11, did the samples contain residual chlorine? If yes, document on CUR.	
☑	☐	☐	13. Sediment present in dissolved/filtered bottles? If yes, document on CUR.	
☑	☑	☐	14. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☐	☑	15. Receipt date(s) > 48 hours past the collection date(s)? If yes, notify PA/PM.	
	☐	☑	16. Are analyses with short holding times requested?	
	☐	☑	17. Was a quick Turn Around (TAT) requested?	

STL Denver

Sample Receiving Checklist

Lot # D7C110299

Login Checks:

N/A	Yes	No		Initials
	☑	☐	18. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.	KH
☐	☑	☐	19. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☑	☐	20. Did the chain of custody includes "received by" and "relinquished" by signatures, dates, and times?	
☐	☑	☐	21. Were special log in instructions read and followed?	
☑	☐	☐	22. Were AFCEE metals logged for refrigerated storage?	
	☑	☐	23. Were tests logged checked against the COC? Which samples were confirmed? 1	
☑	☐	☐	24. Was a Rush form completed for quick TAT?	
☑	☐	☐	25. Was a Short Hold form completed for any short holds?	
	☐	☑	26. Is "Strict ICOC" required?	
	☐	☑	27. Were special archiving instructions indicated in the General Comments? If so, what were they?	

Labeling and Storage Checks:

				Initials
☑	☐	☐	28. Was the subcontract COC signed and sent with samples to bottle prep?	GD
	☑	☐	29. Were sample labels double-checked by a second person?	
☑	☐	☐	30. Were sample bottles and COC double checked for dissolved/filtered metals by a second person?	
	☑	☐	31. Did the sample ID, Date, and Time from label match what was logged?	
☑	☐	☐	32. Were stickers for special archiving instructions affixed to each box and to the ICOC? See #27	
☑	☐	☐	33. Were AFCEE metals stored refrigerated?	
☑	☐	☐	34. Were "Strict ICOC" copies given to satellite storage areas?	

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR).

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ANALYTICAL REPORT

Sky Harbor

Lot #: D7C230305

Daniel Moore

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St Louis, MO 63102

STL DENVER

Karen Kuoppala
Project Manager

April 24, 2007

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	

- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **QC by Method**
- **Chain-of-Custody**

Case Narrative
Lot D7C230305

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted.

The test results presented in this report meet all requirements of NELAC, and any exceptions are noted. This report shall not be reproduced, except in full, without written permission from the laboratory.

Sample Receiving
Eighteen and two trip blanks were received at STL Denver on March 23, 2007. The samples were received in good condition at temperatures of 2.1°C, 3.6°C, 3.1°C, and 3.8°C.

Triple volume was received for sample ASE-52A-7A1. A MS/MSD was not requested on the chain of custody, but the laboratory logged one based on the volume received. The client was notified on April 26, 2007.

GCMS Volatiles – SW846 8260B
Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to analytes present above the linear calibration range, samples D7C230305-002 through 007, 010, 012, and 014 through 018 were analyzed at a dilution. Due to the presence of non-target interfering compounds, sample D7C230305-011 was analyzed at a dilution. The reporting limits have been adjusted relative to the dilution required. Associated results have been flagged "D2" or "D1" as per the Arizona DHS.

Surrogate 4-bromofluorobenzene was recovered above the QC limits in sample D7C230305-012 due to matrix interference. There was obvious chromatographic matrix interference, so the sample was not re-analyzed. Associated results have been flagged "S1" as per the Arizona DHS.

The LCS associated with batches 7093407 and 7094142 exhibited a percent recovery above the QC limit for vinyl acetate. This is an indicator that data may be biased high. As no detectable concentrations of this compound are present in the associated samples, corrective action is deemed unnecessary. Associated results have been flagged "L1" as per the Arizona DHS.

The MS/MSD associated with batch 7093407 was performed on D7C230305-014 and exhibited spike compound recoveries outside the control limits for multiple compounds. Associated results have been flagged "M1", "M2", "M3", or "R5" as appropriate as per the Arizona DHS.

The MS/MSD associated with batch 7094142 was performed on D7C230305-007 and exhibited spike compound recoveries outside the control limits for multiple compounds. Associated results have been flagged "M1", "M2", "M3", or "R5" as appropriate as per the Arizona DHS.

GC Semivolatiles Diesel Range Organics – SW846 8015B

The requested carbon ranges for DRO include the range from C10 to C32. The summation of C10 to C28 and C24 to C36 were used to calculate the reported results for C10 to C32.

The MS/MSD associated with batch 7086095 was performed on D7C230305-014 and was in control. Associated results have been flagged "M1", "M2", "M3", or "R5" as appropriate as per the Arizona DHS.

Quality Control Definitions of Terms

Term	Definition
Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. A LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. An LCSD is a second Laboratory Control Sample.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MSs/MSDs are carried throughout the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.
Sample Duplicate	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative of the precision for other samples in the batch.
Method Detection Limit "MDL"	The method detection limit is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from replicate analyses of low level standards in a typical representative matrix.
Reporting Limit "RL"	The STL reporting limit is normally the lowest level at which measurements become quantitatively meaningful, ie., the quantitation limit, which is approximately three times the MDL. Some projects require RLs that are less than the quantitation limit to achieve particular maximum contaminant levels (MCLs) or relevant and appropriate requirements (ARARs), but RLs cannot be less than the statistically determined MDL.

Quality Control Definitions of Qualifiers

Qualifier	Definition
*	Surrogate or Relative Percent Difference (RPD) is outside control limits.
a	Spiked analyte recovery is outside control limits.
B	Organics: Method blank contamination. The associated method blank contains the target analyte at a reportable level. Inorganics: Estimated result. Result is less than the RL
COL	More than 40% difference between the primary and confirmation detector results. The lower of the two results is reported.
DIL	The concentration is estimated or not reported due to dilution.
E	Estimated result. Result concentration exceeds the calibration range.
G	Inorganics: Elevated reporting limit. The reporting limit is elevated due to matrix interference.
J	Organics: Estimated result. Result is less than RL Inorganics: Method blank contamination. The associated method blank contains the target analyte at a reportable level.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present
N	Spiked analyte recovery is outside stated control limits.
NC	The recovery and/or RPD were not calculated.
ND	The analyte was not detected at the MDL concentration and with a measurable degree of confidence can be said not to be present at or above the RL concentration.
p	Relative percent difference (RPD) is outside stated control limits.
Q	Elevated reporting limit. The reporting limit is elevated due to high analyte levels.
V	General Chemistry: Elevated reporting limit due to limited sample volume.
Wa	Post digestion spike recovery fell between 40-85% due to matrix interference.
Wb	Post digestion spike recovery fell between 115-150% due to matrix interference.
I	Percent recovery is estimated since the results exceeded the calibration range.
T1	A tentatively identified compound that did not generate a spectral match of 80% or greater. Typically called "unknown"
T2	A tentatively identified compound with a spectral match of 80% or better
T3	A tentatively identified compound that was calibrated for by the lab, but not on the client target analyte list.
IC	Diluted due to high inorganic chloride.

Arizona Data Qualifiers
Revision 2.0

Qualifier	Definition
B1	Target analyte detected in method blank at or above the method reporting limit.
B2	Non-target analyte detected in method blank and sample, producing interference.
B3	Target analyte detected in calibration blank at or above the method reporting limit.
B4	Target analyte detected in blank at/above method acceptance criteria.
B5	Target analyte detected in method blank at or above the method reporting limit, but below trigger level or **MCL**.
B6	Target analyte detected in calibration blank at or above the method reporting limit, but below trigger level or **MCL**.
B7	Target analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10x above the concentration found in the method blank.
C1	Confirmatory analysis not performed as required by the method.
C3	Qualitative confirmation performed.
C4	Confirmatory analysis was past holding time.
C5	Confirmatory analysis was past holding time. Original result not confirmed.
C6	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the higher value was reported as there was no obvious chromatographic interference.
C7	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic interference.
D1	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analytes.
D3	Sample dilution required due to insufficient sample.
D4	Minimum reporting level (MRL) adjusted to reflect sample amount received and analyzed.
E1	Concentration estimated. Analyte exceeded calibration range. Reanalysis is not possible due to insufficient sample.
E2	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to sample matrix.
E3	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL).
E5	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL), but not confirmed by alternate analysis.
E6	Concentration estimated. Internal standard recoveries did not meet method acceptance criteria.
E7	Concentration estimated. Internal standard recoveries did not meet lab acceptance criteria.
E8	Analyte reported to MDL per project specifications. Target analyte was not detected in the sample.

Qualifier	Definition
H1	Sample analysis performed past holding time.
H2	Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
H3	Sample was received and analyzed past holding time.
H4	Sample was extracted past required extraction holding time, but analyzed within analysis holding time.
L1	The associated blank spike recovery was above lab acceptance limits.
L2	The associated blank spike recovery was below lab acceptance limits.
L3	The associated blank spike recovery was above method acceptance limits.
L4	The associated blank spike recovery was below method acceptance limits.
M1	Matrix spike recovery was high; the method control sample recovery was acceptable.
M2	Matrix spike recovery was low; the method control sample recovery was acceptable.
M3	The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to spike level. The method control sample recovery was acceptable.
M4	The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
M5	Analyte concentration was determined by the Method of Standard Addition (MSA).
M6	Matrix spike recovery was high. Data reported per ADEQ policy 0154.000.
M7	Matrix spike recovery was low. Data reported per ADEQ policy 0154.000.
Q1	Sample integrity was not maintained. See case narrative.
Q2	Sample received with head space.
Q3	Sample received with improper chemical preservation.
Q4	Sample received and analyzed without chemical preservation.
Q5	Sample received with inadequate chemical preservation, but preserved by the laboratory.
Q6	Sample was received above recommended temperature.
Q7	Sample inadequately dechlorinated.
Q8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
Q9	Insufficient sample received to meet method QC requirements.
Q10	Sample received in inappropriate sample container.
Q11	Sample is heterogeneous. Sample homogeneity could not be readily achieved using routine laboratory practices.

Qualifier	Definition
R1	RPD exceeded the method control limit. See case narrative.
R2	RPD exceeded the laboratory control limit. See case narrative.
R4	MS/MSD RPD exceeded the method control limit. Recovery met acceptance criteria.
R5	MS/MSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R6	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R8	Sample RPD exceeded the method control limit.
R9	Sample RPD exceeded the laboratory control limit.
R10	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic problems.
R11	The RPD calculation for MS/MSD does not provide useful information due to the varying sample weights when Encore samplers/methanol field preserved samples are used.
S1	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits.
S3	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits. No target analytes were detected in the sample.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.
S5	Surrogate recovery was below laboratory acceptance limits, but within method acceptance limits.
S6	Surrogate recovery was below laboratory and method acceptance limits. Re-extraction and/or reanalysis confirm low recovery caused by matrix effect.
S7	Surrogate recovery was below laboratory and method acceptance limits. Unable to confirm matrix effect.
S8	The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The method control sample recovery was acceptable.
S10	Surrogate recovery was above laboratory and method acceptance limits. See case narrative.
S11	Surrogate recovery was high. Data reported per ADEQ policy 0154.000.
S12	Surrogate recovery was low. Data reported per ADEQ policy 0154.000.
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.
V2	CCV recovery was above method acceptance limits. This target analyte was detected in the sample. The sample could not be reanalyzed due to insufficient sample.
V3	CCV recovery was above method acceptance limits. This target analyte was detected in the sample, but the sample was not reanalyzed. See case narrative.
V4	CCV recovery was below method acceptance limits. The sample could not be reanalyzed due to insufficient sample.

Qualifier	Definition
V5	CCV recovery after a group of samples was above acceptance limits. This target analyte was not detected in the sample. Acceptance per EPA Method 8000B.
V6	Data reported from one-point calibration criteria per ADEQ policy 0155.000.
V7	Calibration verification recovery was above the method control limits for this analyte; however the average % difference or % drift for all the analytes met method criteria.
V8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
W1	The % RSD for this compound was above 20%. The average % RSD for all compounds in the calibration met the 20% criteria as specified in EPA Method 8000B.
W2	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA Method 8260B/8270C

EXECUTIVE SUMMARY - Detection Highlights

D7C230305

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-92A-7A1 03/22/07 06:21 002				
Diesel Range Organics (C10-C28)	0.94	0.25	mg/L	SW846 8015B
TPH C10-C32	0.95	0.25	mg/L	SW846 8015B
Benzene	35	20	ug/L	SW846 8260B
Methyl tert-butyl ether	400	100	ug/L	SW846 8260B
PL-517-7AI 03/22/07 06:31 003				
Diesel Range Organics (C10-C28)	0.80	0.25	mg/L	SW846 8015B
TPH C10-C32	0.81	0.25	mg/L	SW846 8015B
Benzene	38	20	ug/L	SW846 8260B
Methyl tert-butyl ether	450	100	ug/L	SW846 8260B
ASE-91A-7AI 03/22/07 07:57 004				
Diesel Range Organics (C10-C28)	0.95	0.25	mg/L	SW846 8015B
TPH C10-C32	0.95	0.25	mg/L	SW846 8015B
Benzene	51	2.0	ug/L	SW846 8260B
Chloroethane	29	10	ug/L	SW846 8260B
1,1-Dichloroethane	120	4.0	ug/L	SW846 8260B
Vinyl chloride	11	2.0	ug/L	SW846 8260B
Isopropylbenzene	14	4.0	ug/L	SW846 8260B
n-Propylbenzene	11	4.0	ug/L	SW846 8260B
Methyl tert-butyl ether	51	10	ug/L	SW846 8260B
Naphthalene	26	4.0	ug/L	SW846 8260B
ASE-55A-7AI 03/22/07 08:43 005				
Diesel Range Organics (C10-C28)	1.4	0.25	mg/L	SW846 8015B
TPH C10-C32	1.4	0.25	mg/L	SW846 8015B
Benzene	14	4.0	ug/L	SW846 8260B
1,1-Dichloroethane	150	8.0	ug/L	SW846 8260B
Vinyl chloride	21	4.0	ug/L	SW846 8260B
Isopropylbenzene	23	8.0	ug/L	SW846 8260B
n-Propylbenzene	23	8.0	ug/L	SW846 8260B
Naphthalene	56	8.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

D7C230305

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-64A-7AI 03/22/07 10:03 006				
Diesel Range Organics (C10-C28)	0.70	0.25	mg/L	SW846 8015B
TPH C10-C32	0.70	0.25	mg/L	SW846 8015B
Benzene	58	10	ug/L	SW846 8260B
Ethylbenzene	220	20	ug/L	SW846 8260B
Xylenes (total)	240	100	ug/L	SW846 8260B
Isopropylbenzene	60	20	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	47	20	ug/L	SW846 8260B
n-Propylbenzene	26	20	ug/L	SW846 8260B
Naphthalene	73	20	ug/L	SW846 8260B
ASE-63A-7AI 03/22/07 10:46 007				
Diesel Range Organics (C10-C28)	0.56	0.25	mg/L	SW846 8015B
TPH C10-C32	0.57	0.25	mg/L	SW846 8015B
Benzene	4300	100	ug/L	SW846 8260B
Ethylbenzene	910	200	ug/L	SW846 8260B
Naphthalene	200	200	ug/L	SW846 8260B
PL-519-7AI 03/22/07 11:05 008				
Chlorodibromomethane	3.4	2.0	ug/L	SW846 8260B
Bromodichloromethane	7.6	1.0	ug/L	SW846 8260B
Chloroform	10	2.0	ug/L	SW846 8260B
ASE-68A-7A1 03/22/07 11:45 010				
Diesel Range Organics (C10-C28)	0.61	0.25	mg/L	SW846 8015B
TPH C10-C32	0.62	0.25	mg/L	SW846 8015B
Benzene	8.7	6.7	ug/L	SW846 8260B
1,1-Dichloroethane	27	13	ug/L	SW846 8260B
cis-1,2-Dichloroethene	15	13	ug/L	SW846 8260B
Vinyl chloride	22	6.7	ug/L	SW846 8260B
Methyl tert-butyl ether	150	33	ug/L	SW846 8260B
ASE-20A-7A1 03/22/07 11:07 011				
Diesel Range Organics (C10-C28)	0.52	0.25	mg/L	SW846 8015B
TPH C10-C32	0.52	0.25	mg/L	SW846 8015B
Benzene	6.7	2.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

D7C230305

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-20A-7A1 03/22/07 11:07 011				
1,1-Dichloroethane	21	4.0	ug/L	SW846 8260B
Ethylbenzene	21	4.0	ug/L	SW846 8260B
Trichloroethene	2.2	2.0	ug/L	SW846 8260B
Vinyl chloride	11	2.0	ug/L	SW846 8260B
Isopropylbenzene	9.8	4.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	13	4.0	ug/L	SW846 8260B
n-Propylbenzene	9.1	4.0	ug/L	SW846 8260B
Methyl tert-butyl ether	11	10	ug/L	SW846 8260B
Naphthalene	23	4.0	ug/L	SW846 8260B
ASE-51A-7A1 03/22/07 10:12 012				
Diesel Range Organics (C10-C28)	17	0.25	mg/L	SW846 8015B
TPH C10-C32	17	0.25	mg/L	SW846 8015B
Benzene	100	20	ug/L	SW846 8260B
Ethylbenzene	170	40	ug/L	SW846 8260B
Isopropylbenzene	40	40	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	100	40	ug/L	SW846 8260B
n-Propylbenzene	47	40	ug/L	SW846 8260B
Naphthalene	360	40	ug/L	SW846 8260B
ASE-53A-7A1 03/22/07 08:40 013				
Diesel Range Organics (C10-C28)	0.048 J	0.25	mg/L	SW846 8015B
TPH C10-C32	0.051 J	0.25	mg/L	SW846 8015B
Benzene	7.0	1.0	ug/L	SW846 8260B
Tetrachloroethene	1.8	1.0	ug/L	SW846 8260B
Trichloroethene	10	1.0	ug/L	SW846 8260B
Naphthalene	3.1	2.0	ug/L	SW846 8260B
ASE-52A-7A1 03/22/07 09:27 014				
Diesel Range Organics (C10-C28)	0.81	0.25	mg/L	SW846 8015B
TPH C10-C32	0.81	0.25	mg/L	SW846 8015B
Benzene	330	10	ug/L	SW846 8260B
Ethylbenzene	48	20	ug/L	SW846 8260B
Trichloroethene	13	10	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	53	20	ug/L	SW846 8260B
Methyl tert-butyl ether	66	50	ug/L	SW846 8260B
Naphthalene	46	20	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7C230305

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-56A-7A1 03/22/07 12:25 015				
Diesel Range Organics (C10-C28)	2.6	0.25	mg/L	SW846 8015B
TPH C10-C32	2.6	0.25	mg/L	SW846 8015B
Benzene	530	40	ug/L	SW846 8260B
Naphthalene	260	80	ug/L	SW846 8260B
ASE-57A-7A1 03/22/07 13:07 016				
Diesel Range Organics (C10-C28)	8.4	0.25	mg/L	SW846 8015B
TPH C10-C32	8.4	0.25	mg/L	SW846 8015B
Benzene	660	20	ug/L	SW846 8260B
Isopropylbenzene	63	40	ug/L	SW846 8260B
n-Propylbenzene	75	40	ug/L	SW846 8260B
Naphthalene	440	40	ug/L	SW846 8260B
PL-518-7A1 03/22/07 13:17 017				
Diesel Range Organics (C10-C28)	8.0	0.25	mg/L	SW846 8015B
TPH C10-C32	8.0	0.25	mg/L	SW846 8015B
Benzene	660	20	ug/L	SW846 8260B
Isopropylbenzene	61	40	ug/L	SW846 8260B
n-Propylbenzene	70	40	ug/L	SW846 8260B
Naphthalene	470	40	ug/L	SW846 8260B
ASE-33A-7A1 03/22/07 07:45 018				
cis-1,2-Dichloroethene	20	4.0	ug/L	SW846 8260B
Tetrachloroethene	2.5	2.0	ug/L	SW846 8260B
Trichloroethene	66	2.0	ug/L	SW846 8260B
ASE-65A-7A1 03/22/07 07:10 019				
cis-1,2-Dichloroethene	2.2	2.0	ug/L	SW846 8260B
Trichloroethene	6.5	1.0	ug/L	SW846 8260B
Naphthalene	2.1	2.0	ug/L	SW846 8260B
PL-515-7A1 03/22/07 07:20 020				
cis-1,2-Dichloroethene	2.2	2.0	ug/L	SW846 8260B
Trichloroethene	6.8	1.0	ug/L	SW846 8260B

METHODS SUMMARY

D7C230305

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3510
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7C230305

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 8015B	Heather Dybas	038161
SW846 8260B	Greg Meier	006004

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7C230305

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JRM7Q	001	TB-032207B	03/22/07	06:00
JRM77	002	ASE-92A-7A1	03/22/07	06:21
JRM8A	003	PL-517-7AI	03/22/07	06:31
JRM8D	004	ASE-91A-7AI	03/22/07	07:57
JRM8K	005	ASE-55A-7AI	03/22/07	08:43
JRM8N	006	ASE-64A-7AI	03/22/07	10:03
JRM8R	007	ASE-63A-7AI	03/22/07	10:46
JRM8V	008	PL-519-7AI	03/22/07	11:05
JRM9A	009	TB-032207A	03/22/07	06:16
JRM9G	010	ASE-68A-7A1	03/22/07	11:45
JRM9L	011	ASE-20A-7A1	03/22/07	11:07
JRM9N	012	ASE-51A-7A1	03/22/07	10:12
JRM9R	013	ASE-53A-7A1	03/22/07	08:40
JRM9V	014	ASE-52A-7A1	03/22/07	09:27
JRNAR	015	ASE-56A-7A1	03/22/07	12:25
JRNAW	016	ASE-57A-7A1	03/22/07	13:07
JRNA2	017	PL-518-7A1	03/22/07	13:17
JRNA6	018	ASE-33A-7A1	03/22/07	07:45
JRNCJ	019	ASE-65A-7A1	03/22/07	07:10
JRNCK	020	PL-515-7A1	03/22/07	07:20

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

D7C230305

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		7093407	7094022
002	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7093407	7094022
003	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7093407	7094022
004	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7093407	7094022
005	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7093407	7094022
006	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7093407	7094022
007	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7094142	7094132
008	WATER	SW846 8260B		7093407	7094022
009	WATER	SW846 8260B		7093407	7094022
010	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7094142	7094132
011	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7094142	7094132
012	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7094142	7094132
013	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7094142	7094132
014	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7093407	7094022
015	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7094142	7094132

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D7C230305

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
016	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7094142	7094132
017	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7094142	7094132
018	WATER	SW846 8260B		7094142	7094132
019	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7094142	7094132
020	WATER	SW846 8015B		7086095	7086053
	WATER	SW846 8260B		7094142	7094132

STL

Volatile GC/MS

Lot ID: D7C230305

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 001 - 006, 008, 009, 014

Batch: 7093407

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-032207B
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-001
Matrix:	WATER	**Lab WorkOrder:**	JRM7Q1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 06:00
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 13:38
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	M1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0	M1	
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	M1	
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0	M2	
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-032207B
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-001
Matrix:	WATER	**Lab WorkOrder:**	JRM7Q1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 06:00
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 13:38
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-032207B
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-001
Matrix:	WATER	**Lab WorkOrder:**	JRM7Q1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 06:00
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 13:38
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	M1 L1	
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	117	70	127		
2037-26-5	Toluene-d8	113	83	125		
1868-53-7	Dibromofluoromethane	113	77	119		
460-00-4	4-Bromofluorobenzene	104	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-92A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-002
Matrix:	WATER	**Lab WorkOrder:**	JRM771AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 06:21
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 13:19
Sample Aliquot:	1 mL	**Instrument ID:**	R1
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	D2	
71-55-6	1,1,1-Trichloroethane	ND	40	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	D2	
79-00-5	1,1,2-Trichloroethane	ND	20	D2 M1	
75-34-3	1,1-Dichloroethane	ND	40	D2	
75-35-4	1,1-Dichloroethene	ND	40	D2	
563-58-6	1,1-Dichloropropene	ND	40	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	100	D2	
96-18-4	1,2,3-Trichloropropane	ND	200	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	100	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	40	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	100	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	40	D2	
95-50-1	1,2-Dichlorobenzene	ND	20	D2	
107-06-2	1,2-Dichloroethane	ND	20	D2 M1	
78-87-5	1,2-Dichloropropane	ND	40	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	40	D2 M1	
541-73-1	1,3-Dichlorobenzene	ND	20	D2	
142-28-9	1,3-Dichloropropane	ND	40	D2	
106-46-7	1,4-Dichlorobenzene	ND	20	D2	
594-20-7	2,2-Dichloropropane	ND	40	D2	
78-93-3	2-Butanone (MEK)	ND	200	D2	
95-49-8	2-Chlorotoluene	ND	100	D2	
591-78-6	2-Hexanone	ND	200	D2	
106-43-4	4-Chlorotoluene	ND	100	D2	
108-10-1	4-Methyl-2-pentanone	ND	200	D2	
67-64-1	Acetone	ND	400	D2	
71-43-2	Benzene	**35**	20	D2 M2	
108-86-1	Bromobenzene	ND	100	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-92A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-002
Matrix:	WATER	**Lab WorkOrder:**	JRM771AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 06:21
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 13:19
Sample Aliquot:	1 mL	**Instrument ID:**	R1
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	100	D2	
75-27-4	Bromodichloromethane	ND	20	D2	
75-25-2	Bromoform	ND	100	D2	
74-83-9	Bromomethane	ND	100	D2	
75-15-0	Carbon disulfide	ND	100	D2	
56-23-5	Carbon tetrachloride	ND	40	D2	
108-90-7	Chlorobenzene	ND	20	D2	
124-48-1	Chlorodibromomethane	ND	40	D2	
75-00-3	Chloroethane	ND	100	D2	
67-66-3	Chloroform	ND	40	D2	
74-87-3	Chloromethane	ND	100	D2	
156-59-2	cis-1,2-Dichloroethene	ND	40	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	40	D2	
74-95-3	Dibromomethane	ND	40	D2	
75-71-8	Dichlorodifluoromethane	ND	100	D2	
100-41-4	Ethylbenzene	ND	40	D2	
87-68-3	Hexachlorobutadiene	ND	100	D2	
74-88-4	Iodomethane	ND	200	D2	
98-82-8	Isopropylbenzene	ND	40	D2	
1634-04-4	Methyl tert-butyl ether	**400**	100	D2	
75-09-2	Methylene chloride	ND	100	D2	
91-20-3	Naphthalene	ND	40	D2	
104-51-8	n-Butylbenzene	ND	100	D2	
103-65-1	n-Propylbenzene	ND	40	D2	
99-87-6	p-Isopropyltoluene	ND	40	D2	
135-98-8	sec-Butylbenzene	ND	100	D2	
100-42-5	Styrene	ND	40	D2	
98-06-6	tert-Butylbenzene	ND	100	D2	
127-18-4	Tetrachloroethene	ND	20	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-92A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-002
Matrix:	WATER	**Lab WorkOrder:**	JRM771AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 06:21
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 13:19
Sample Aliquot:	1 mL	**Instrument ID:**	R1
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	40	D2	
156-60-5	trans-1,2-Dichloroethene	ND	40	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	40	D2	
79-01-6	Trichloroethene	ND	20	D2	
75-69-4	Trichlorofluoromethane	ND	100	D2	
108-05-4	Vinyl acetate	ND	500	D2 M1 L1	
75-01-4	Vinyl chloride	ND	20	D2	
1330-20-7	Xylenes (total)	ND	200	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	111	70	127	D2	
2037-26-5	Toluene-d8	110	83	125	D2	
1868-53-7	Dibromofluoromethane	109	77	119	D2	
460-00-4	4-Bromofluorobenzene	106	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-517-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-003
Matrix:	WATER	**Lab WorkOrder:**	JRM8A1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 06:31
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 14:15
Sample Aliquot:	1 mL	**Instrument ID:**	R1
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	D2	
71-55-6	1,1,1-Trichloroethane	ND	40	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	D2	
79-00-5	1,1,2-Trichloroethane	ND	20	D2 M1	
75-34-3	1,1-Dichloroethane	ND	40	D2	
75-35-4	1,1-Dichloroethene	ND	40	D2	
563-58-6	1,1-Dichloropropene	ND	40	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	100	D2	
96-18-4	1,2,3-Trichloropropane	ND	200	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	100	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	40	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	100	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	40	D2	
95-50-1	1,2-Dichlorobenzene	ND	20	D2	
107-06-2	1,2-Dichloroethane	ND	20	D2 M1	
78-87-5	1,2-Dichloropropane	ND	40	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	40	D2 M1	
541-73-1	1,3-Dichlorobenzene	ND	20	D2	
142-28-9	1,3-Dichloropropane	ND	40	D2	
106-46-7	1,4-Dichlorobenzene	ND	20	D2	
594-20-7	2,2-Dichloropropane	ND	40	D2	
78-93-3	2-Butanone (MEK)	ND	200	D2	
95-49-8	2-Chlorotoluene	ND	100	D2	
591-78-6	2-Hexanone	ND	200	D2	
106-43-4	4-Chlorotoluene	ND	100	D2	
108-10-1	4-Methyl-2-pentanone	ND	200	D2	
67-64-1	Acetone	ND	400	D2	
71-43-2	Benzene	**38**	20	D2 M2	
108-86-1	Bromobenzene	ND	100	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-517-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-003
Matrix:	WATER	**Lab WorkOrder:**	JRM8A1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 06:31
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 14:15
Sample Aliquot:	1 mL	**Instrument ID:**	R1
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	100	D2	
75-27-4	Bromodichloromethane	ND	20	D2	
75-25-2	Bromoform	ND	100	D2	
74-83-9	Bromomethane	ND	100	D2	
75-15-0	Carbon disulfide	ND	100	D2	
56-23-5	Carbon tetrachloride	ND	40	D2	
108-90-7	Chlorobenzene	ND	20	D2	
124-48-1	Chlorodibromomethane	ND	40	D2	
75-00-3	Chloroethane	ND	100	D2	
67-66-3	Chloroform	ND	40	D2	
74-87-3	Chloromethane	ND	100	D2	
156-59-2	cis-1,2-Dichloroethene	ND	40	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	40	D2	
74-95-3	Dibromomethane	ND	40	D2	
75-71-8	Dichlorodifluoromethane	ND	100	D2	
100-41-4	Ethylbenzene	ND	40	D2	
87-68-3	Hexachlorobutadiene	ND	100	D2	
74-88-4	Iodomethane	ND	200	D2	
98-82-8	Isopropylbenzene	ND	40	D2	
1634-04-4	Methyl tert-butyl ether	**450**	100	D2	
75-09-2	Methylene chloride	ND	100	D2	
91-20-3	Naphthalene	ND	40	D2	
104-51-8	n-Butylbenzene	ND	100	D2	
103-65-1	n-Propylbenzene	ND	40	D2	
99-87-6	p-Isopropyltoluene	ND	40	D2	
135-98-8	sec-Butylbenzene	ND	100	D2	
100-42-5	Styrene	ND	40	D2	
98-06-6	tert-Butylbenzene	ND	100	D2	
127-18-4	Tetrachloroethene	ND	20	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-517-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-003
Matrix:	WATER	**Lab WorkOrder:**	JRM8A1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 06:31
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 14:15
Sample Aliquot:	1 mL	**Instrument ID:**	R1
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	40	D2	
156-60-5	trans-1,2-Dichloroethene	ND	40	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	40	D2	
79-01-6	Trichloroethene	ND	20	D2	
75-69-4	Trichlorofluoromethane	ND	100	D2	
108-05-4	Vinyl acetate	ND	500	D2 M1 L1	
75-01-4	Vinyl chloride	ND	20	D2	
1330-20-7	Xylenes (total)	ND	200	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	116	70	127	D2	
2037-26-5	Toluene-d8	116	83	125	D2	
1868-53-7	Dibromofluoromethane	111	77	119	D2	
460-00-4	4-Bromofluorobenzene	102	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-91A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-004
Matrix:	WATER	**Lab WorkOrder:**	JRM8D1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 07:57
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 15:34
Sample Aliquot:	10 mL	**Instrument ID:**	R1
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	D2	
71-55-6	1,1,1-Trichloroethane	ND	4.0	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	D2	
79-00-5	1,1,2-Trichloroethane	ND	2.0	D2 M1	
75-34-3	1,1-Dichloroethane	**120**	4.0	D2	
75-35-4	1,1-Dichloroethene	ND	4.0	D2	
563-58-6	1,1-Dichloropropene	ND	4.0	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	10	D2	
96-18-4	1,2,3-Trichloropropane	ND	20	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	10	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	4.0	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	10	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	4.0	D2	
95-50-1	1,2-Dichlorobenzene	ND	2.0	D2	
107-06-2	1,2-Dichloroethane	ND	2.0	D2 M1	
78-87-5	1,2-Dichloropropane	ND	4.0	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	4.0	D2 M1	
541-73-1	1,3-Dichlorobenzene	ND	2.0	D2	
142-28-9	1,3-Dichloropropane	ND	4.0	D2	
106-46-7	1,4-Dichlorobenzene	ND	2.0	D2	
594-20-7	2,2-Dichloropropane	ND	4.0	D2	
78-93-3	2-Butanone (MEK)	ND	20	D2	
95-49-8	2-Chlorotoluene	ND	10	D2	
591-78-6	2-Hexanone	ND	20	D2	
106-43-4	4-Chlorotoluene	ND	10	D2	
108-10-1	4-Methyl-2-pentanone	ND	20	D2	
67-64-1	Acetone	ND	40	D2	
71-43-2	Benzene	**51**	2.0	D2 M2	
108-86-1	Bromobenzene	ND	10	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-91A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-004
Matrix:	WATER	**Lab WorkOrder:**	JRM8D1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 07:57
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 15:34
Sample Aliquot:	10 mL	**Instrument ID:**	R1
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	10	D2	
75-27-4	Bromodichloromethane	ND	2.0	D2	
75-25-2	Bromoform	ND	10	D2	
74-83-9	Bromomethane	ND	10	D2	
75-15-0	Carbon disulfide	ND	10	D2	
56-23-5	Carbon tetrachloride	ND	4.0	D2	
108-90-7	Chlorobenzene	ND	2.0	D2	
124-48-1	Chlorodibromomethane	ND	4.0	D2	
75-00-3	Chloroethane	**29**	10	D2	
67-66-3	Chloroform	ND	4.0	D2	
74-87-3	Chloromethane	ND	10	D2	
156-59-2	cis-1,2-Dichloroethene	ND	4.0	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	4.0	D2	
74-95-3	Dibromomethane	ND	4.0	D2	
75-71-8	Dichlorodifluoromethane	ND	10	D2	
100-41-4	Ethylbenzene	ND	4.0	D2	
87-68-3	Hexachlorobutadiene	ND	10	D2	
74-88-4	Iodomethane	ND	20	D2	
98-82-8	Isopropylbenzene	**14**	4.0	D2	
1634-04-4	Methyl tert-butyl ether	**51**	10	D2	
75-09-2	Methylene chloride	ND	10	D2	
91-20-3	Naphthalene	**26**	4.0	D2	
104-51-8	n-Butylbenzene	ND	10	D2	
103-65-1	n-Propylbenzene	**11**	4.0	D2	
99-87-6	p-Isopropyltoluene	ND	4.0	D2	
135-98-8	sec-Butylbenzene	ND	10	D2	
100-42-5	Styrene	ND	4.0	D2	
98-06-6	tert-Butylbenzene	ND	10	D2	
127-18-4	Tetrachloroethene	ND	2.0	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-91A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-004
Matrix:	WATER	**Lab WorkOrder:**	JRM8D1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 07:57
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 15:34
Sample Aliquot:	10 mL	**Instrument ID:**	R1
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	4.0	D2	
156-60-5	trans-1,2-Dichloroethene	ND	4.0	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	4.0	D2	
79-01-6	Trichloroethene	ND	2.0	D2	
75-69-4	Trichlorofluoromethane	ND	10	D2	
108-05-4	Vinyl acetate	ND	50	D2 M1 L1	
75-01-4	Vinyl chloride	11	2.0	D2	
1330-20-7	Xylenes (total)	ND	20	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	108	70	127	D2	
2037-26-5	Toluene-d8	117	83	125	D2	
1868-53-7	Dibromofluoromethane	106	77	119	D2	
460-00-4	4-Bromofluorobenzene	114	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-55A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-005
Matrix:	WATER	**Lab WorkOrder:**	JRM8K1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 08:43
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 15:53
Sample Aliquot:	5 mL	**Instrument ID:**	R1
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	20	D2	
71-55-6	1,1,1-Trichloroethane	ND	8.0	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.0	D2	
79-00-5	1,1,2-Trichloroethane	ND	4.0	D2 M1	
75-34-3	1,1-Dichloroethane	**150**	8.0	D2	
75-35-4	1,1-Dichloroethene	ND	8.0	D2	
563-58-6	1,1-Dichloropropene	ND	8.0	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	20	D2	
96-18-4	1,2,3-Trichloropropane	ND	40	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	20	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	8.0	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	20	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	8.0	D2	
95-50-1	1,2-Dichlorobenzene	ND	4.0	D2	
107-06-2	1,2-Dichloroethane	ND	4.0	D2 M1	
78-87-5	1,2-Dichloropropane	ND	8.0	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	8.0	D2 M1	
541-73-1	1,3-Dichlorobenzene	ND	4.0	D2	
142-28-9	1,3-Dichloropropane	ND	8.0	D2	
106-46-7	1,4-Dichlorobenzene	ND	4.0	D2	
594-20-7	2,2-Dichloropropane	ND	8.0	D2	
78-93-3	2-Butanone (MEK)	ND	40	D2	
95-49-8	2-Chlorotoluene	ND	20	D2	
591-78-6	2-Hexanone	ND	40	D2	
106-43-4	4-Chlorotoluene	ND	20	D2	
108-10-1	4-Methyl-2-pentanone	ND	40	D2	
67-64-1	Acetone	ND	80	D2	
71-43-2	Benzene	**14**	4.0	D2 M2	
108-86-1	Bromobenzene	ND	20	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-55A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-005
Matrix:	WATER	**Lab WorkOrder:**	JRM8K1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 08:43
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 15:53
Sample Aliquot:	5 mL	**Instrument ID:**	R1
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	20	D2	
75-27-4	Bromodichloromethane	ND	4.0	D2	
75-25-2	Bromoform	ND	20	D2	
74-83-9	Bromomethane	ND	20	D2	
75-15-0	Carbon disulfide	ND	20	D2	
56-23-5	Carbon tetrachloride	ND	8.0	D2	
108-90-7	Chlorobenzene	ND	4.0	D2	
124-48-1	Chlorodibromomethane	ND	8.0	D2	
75-00-3	Chloroethane	ND	20	D2	
67-66-3	Chloroform	ND	8.0	D2	
74-87-3	Chloromethane	ND	20	D2	
156-59-2	cis-1,2-Dichloroethene	ND	8.0	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	8.0	D2	
74-95-3	Dibromomethane	ND	8.0	D2	
75-71-8	Dichlorodifluoromethane	ND	20	D2	
100-41-4	Ethylbenzene	ND	8.0	D2	
87-68-3	Hexachlorobutadiene	ND	20	D2	
74-88-4	Iodomethane	ND	40	D2	
98-82-8	Isopropylbenzene	**23**	8.0	D2	
1634-04-4	Methyl tert-butyl ether	ND	20	D2	
75-09-2	Methylene chloride	ND	20	D2	
91-20-3	Naphthalene	**56**	8.0	D2	
104-51-8	n-Butylbenzene	ND	20	D2	
103-65-1	n-Propylbenzene	**23**	8.0	D2	
99-87-6	p-Isopropyltoluene	ND	8.0	D2	
135-98-8	sec-Butylbenzene	ND	20	D2	
100-42-5	Styrene	ND	8.0	D2	
98-06-6	tert-Butylbenzene	ND	20	D2	
127-18-4	Tetrachloroethene	ND	4.0	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-55A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-005
Matrix:	WATER	**Lab WorkOrder:**	JRM8K1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 08:43
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 15:53
Sample Aliquot:	5 mL	**Instrument ID:**	R1
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	8.0	D2	
156-60-5	trans-1,2-Dichloroethene	ND	8.0	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	8.0	D2	
79-01-6	Trichloroethene	ND	4.0	D2	
75-69-4	Trichlorofluoromethane	ND	20	D2	
108-05-4	Vinyl acetate	ND	100	D2 M1 L1	
75-01-4	Vinyl chloride	**21**	4.0	D2	
1330-20-7	Xylenes (total)	ND	40	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	112	70	127	D2	
2037-26-5	Toluene-d8	116	83	125	D2	
1868-53-7	Dibromofluoromethane	110	77	119	D2	
460-00-4	4-Bromofluorobenzene	114	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-64A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-006
Matrix:	WATER	**Lab WorkOrder:**	JRM8N1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:03
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 16:12
Sample Aliquot:	2 mL	**Instrument ID:**	R1
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	D2	
71-55-6	1,1,1-Trichloroethane	ND	20	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	D2	
79-00-5	1,1,2-Trichloroethane	ND	10	D2 M1	
75-34-3	1,1-Dichloroethane	ND	20	D2	
75-35-4	1,1-Dichloroethene	ND	20	D2	
563-58-6	1,1-Dichloropropene	ND	20	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	50	D2	
96-18-4	1,2,3-Trichloropropane	ND	100	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	50	D2	
95-63-6	1,2,4-Trimethylbenzene	**47**	20	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	50	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	20	D2	
95-50-1	1,2-Dichlorobenzene	ND	10	D2	
107-06-2	1,2-Dichloroethane	ND	10	D2 M1	
78-87-5	1,2-Dichloropropane	ND	20	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	20	D2 M1	
541-73-1	1,3-Dichlorobenzene	ND	10	D2	
142-28-9	1,3-Dichloropropane	ND	20	D2	
106-46-7	1,4-Dichlorobenzene	ND	10	D2	
594-20-7	2,2-Dichloropropane	ND	20	D2	
78-93-3	2-Butanone (MEK)	ND	100	D2	
95-49-8	2-Chlorotoluene	ND	50	D2	
591-78-6	2-Hexanone	ND	100	D2	
106-43-4	4-Chlorotoluene	ND	50	D2	
108-10-1	4-Methyl-2-pentanone	ND	100	D2	
67-64-1	Acetone	ND	200	D2	
71-43-2	Benzene	**58**	10	D2 M2	
108-86-1	Bromobenzene	ND	50	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-64A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-006
Matrix:	WATER	**Lab WorkOrder:**	JRM8N1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:03
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 16:12
Sample Aliquot:	2 mL	**Instrument ID:**	R1
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	50	D2	
75-27-4	Bromodichloromethane	ND	10	D2	
75-25-2	Bromoform	ND	50	D2	
74-83-9	Bromomethane	ND	50	D2	
75-15-0	Carbon disulfide	ND	50	D2	
56-23-5	Carbon tetrachloride	ND	20	D2	
108-90-7	Chlorobenzene	ND	10	D2	
124-48-1	Chlorodibromomethane	ND	20	D2	
75-00-3	Chloroethane	ND	50	D2	
67-66-3	Chloroform	ND	20	D2	
74-87-3	Chloromethane	ND	50	D2	
156-59-2	cis-1,2-Dichloroethene	ND	20	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	20	D2	
74-95-3	Dibromomethane	ND	20	D2	
75-71-8	Dichlorodifluoromethane	ND	50	D2	
100-41-4	Ethylbenzene	**220**	20	D2	
87-68-3	Hexachlorobutadiene	ND	50	D2	
74-88-4	Iodomethane	ND	100	D2	
98-82-8	Isopropylbenzene	**60**	20	D2	
1634-04-4	Methyl tert-butyl ether	ND	50	D2	
75-09-2	Methylene chloride	ND	50	D2	
91-20-3	Naphthalene	**73**	20	D2	
104-51-8	n-Butylbenzene	ND	50	D2	
103-65-1	n-Propylbenzene	**26**	20	D2	
99-87-6	p-Isopropyltoluene	ND	20	D2	
135-98-8	sec-Butylbenzene	ND	50	D2	
100-42-5	Styrene	ND	20	D2	
98-06-6	tert-Butylbenzene	ND	50	D2	
127-18-4	Tetrachloroethene	ND	10	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-64A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-006
Matrix:	WATER	**Lab WorkOrder:**	JRM8N1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:03
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 16:12
Sample Aliquot:	2 mL	**Instrument ID:**	R1
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	20	D2	
156-60-5	trans-1,2-Dichloroethene	ND	20	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	20	D2	
79-01-6	Trichloroethene	ND	10	D2	
75-69-4	Trichlorofluoromethane	ND	50	D2	
108-05-4	Vinyl acetate	ND	250	D2 M1 L1	
75-01-4	Vinyl chloride	ND	10	D2	
1330-20-7	Xylenes (total)	**240**	100	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	113	70	127	D2	
2037-26-5	Toluene-d8	113	83	125	D2	
1868-53-7	Dibromofluoromethane	110	77	119	D2	
460-00-4	4-Bromofluorobenzene	111	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-519-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-008
Matrix:	WATER	**Lab WorkOrder:**	JRM8V1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 11:05
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 16:49
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	M1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0	M1	
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	M1	
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0	M2	
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-519-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-008
Matrix:	WATER	**Lab WorkOrder:**	JRM8V1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 11:05
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 16:49
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	**7.6**	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	**3.4**	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	**10**	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-519-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-008
Matrix:	WATER	**Lab WorkOrder:**	JRM8V1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 11:05
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 16:49
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	M1 L1	
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	116	70	127		
2037-26-5	Toluene-d8	114	83	125		
1868-53-7	Dibromofluoromethane	114	77	119		
460-00-4	4-Bromofluorobenzene	114	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-032207A
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-009
Matrix:	WATER	**Lab WorkOrder:**	JRM9A1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 06:16
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 17:08
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0	M1	
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0	M1	
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	M1	
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0	M2	
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-032207A
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-009
Matrix:	WATER	**Lab WorkOrder:**	JRM9A1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 06:16
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 17:08
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-032207A
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-009
Matrix:	WATER	**Lab WorkOrder:**	JRM9A1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 06:16
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 17:08
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	M1 L1	
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	119	70	127		
2037-26-5	Toluene-d8	112	83	125		
1868-53-7	Dibromofluoromethane	114	77	119		
460-00-4	4-Bromofluorobenzene	110	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-52A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-014
Matrix:	WATER	**Lab WorkOrder:**	JRM9V1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 13:56
Sample Aliquot:	2 mL	**Instrument ID:**	R1
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	D2	
71-55-6	1,1,1-Trichloroethane	ND	20	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	D2	
79-00-5	1,1,2-Trichloroethane	ND	10	D2 M1	
75-34-3	1,1-Dichloroethane	ND	20	D2	
75-35-4	1,1-Dichloroethene	ND	20	D2	
563-58-6	1,1-Dichloropropene	ND	20	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	50	D2	
96-18-4	1,2,3-Trichloropropane	ND	100	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	50	D2	
95-63-6	1,2,4-Trimethylbenzene	**53**	20	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	50	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	20	D2	
95-50-1	1,2-Dichlorobenzene	ND	10	D2	
107-06-2	1,2-Dichloroethane	ND	10	D2 M1	
78-87-5	1,2-Dichloropropane	ND	20	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	20	D2 M1	
541-73-1	1,3-Dichlorobenzene	ND	10	D2	
142-28-9	1,3-Dichloropropane	ND	20	D2	
106-46-7	1,4-Dichlorobenzene	ND	10	D2	
594-20-7	2,2-Dichloropropane	ND	20	D2	
78-93-3	2-Butanone (MEK)	ND	100	D2	
95-49-8	2-Chlorotoluene	ND	50	D2	
591-78-6	2-Hexanone	ND	100	D2	
106-43-4	4-Chlorotoluene	ND	50	D2	
108-10-1	4-Methyl-2-pentanone	ND	100	D2	
67-64-1	Acetone	ND	200	D2	
71-43-2	Benzene	**330**	10	D2 M2	
108-86-1	Bromobenzene	ND	50	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-52A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-014
Matrix:	WATER	**Lab WorkOrder:**	JRM9V1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 13:56
Sample Aliquot:	2 mL	**Instrument ID:**	R1
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	50	D2	
75-27-4	Bromodichloromethane	ND	10	D2	
75-25-2	Bromoform	ND	50	D2	
74-83-9	Bromomethane	ND	50	D2	
75-15-0	Carbon disulfide	ND	50	D2	
56-23-5	Carbon tetrachloride	ND	20	D2	
108-90-7	Chlorobenzene	ND	10	D2	
124-48-1	Chlorodibromomethane	ND	20	D2	
75-00-3	Chloroethane	ND	50	D2	
67-66-3	Chloroform	ND	20	D2	
74-87-3	Chloromethane	ND	50	D2	
156-59-2	cis-1,2-Dichloroethene	ND	20	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	20	D2	
74-95-3	Dibromomethane	ND	20	D2	
75-71-8	Dichlorodifluoromethane	ND	50	D2	
100-41-4	Ethylbenzene	**48**	20	D2	
87-68-3	Hexachlorobutadiene	ND	50	D2	
74-88-4	Iodomethane	ND	100	D2	
98-82-8	Isopropylbenzene	ND	20	D2	
1634-04-4	Methyl tert-butyl ether	**66**	50	D2	
75-09-2	Methylene chloride	ND	50	D2	
91-20-3	Naphthalene	**46**	20	D2	
104-51-8	n-Butylbenzene	ND	50	D2	
103-65-1	n-Propylbenzene	ND	20	D2	
99-87-6	p-Isopropyltoluene	ND	10	D2	
135-98-8	sec-Butylbenzene	ND	50	D2	
100-42-5	Styrene	ND	20	D2	
98-06-6	tert-Butylbenzene	ND	50	D2	
127-18-4	Tetrachloroethene	ND	10	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-52A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-014
Matrix:	WATER	**Lab WorkOrder:**	JRM9V1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 13:56
Sample Aliquot:	2 mL	**Instrument ID:**	R1
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	20	D2	
156-60-5	trans-1,2-Dichloroethene	ND	20	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	20	D2	
79-01-6	Trichloroethene	**13**	10	D2	
75-69-4	Trichlorofluoromethane	ND	50	D2	
108-05-4	Vinyl acetate	ND	250	D2 M1 L1	
75-01-4	Vinyl chloride	ND	10	D2	
1330-20-7	Xylenes (total)	ND	100	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	116	70	127	D2	
2037-26-5	Toluene-d8	115	83	125	D2	
1868-53-7	Dibromofluoromethane	113	77	119	D2	
460-00-4	4-Bromofluorobenzene	105	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7D030000-407B
Matrix:	WATER	**Lab WorkOrder:**	JTAAF1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 08:53
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	1.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	L1
75-01-4	Vinyl chloride	0.17	0.17	1.0	

Form 1 Prep Blank Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7D030000-407B
Matrix:	WATER	**Lab WorkOrder:**	JTAAF1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 08:53
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

Form 1 Prep Blank Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7D030000-407B
Matrix:	WATER	**Lab WorkOrder:**	JTAAF1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 08:53
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	117	70	127	
2037-26-5	Toluene-d8	112	83	125	
1868-53-7	Dibromofluoromethane	106	77	119	
460-00-4	4-Bromofluorobenzene	101	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK

Lot/SDG Number: D7C230305 **QC Batch ID:** 7093407

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-92A-7A1	JRM771AA	111	106	109	110					0
TB-032207B	JRM7Q1AA	117	104	113	113					0
PL-517-7AI	JRM8A1AA	116	102	111	116					0
ASE-91A-7AI	JRM8D1AA	108	114	106	117					0
ASE-55A-7AI	JRM8K1AA	112	114	110	116					0
ASE-64A-7AI	JRM8N1AA	113	111	110	113					0
PL-519-7AI	JRM8V1AA	116	114	114	114					0
TB-032207A	JRM9A1AA	119	110	114	112					0
ASE-52A-7A1	JRM9V1AA	116	105	113	115					0
ASE-52A-7A1 MS	JRM9V1AD	110	111	115	115					0
ASE-52A-7A1 MSD	JRM9V1AE	116	117	113	115					0
INTRA-LAB BLANK	JTAAF1AA	117	101	106	112					0
CHECK SAMPLE	JTAAF1AC	117	111	109	117					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7D030000-407C
Matrix:	WATER	**Lab WorkOrder:**	JTAAF1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 08:15
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	5.47	109		72 - 117
Acetone	10.0	10.5	105		48 - 130
Ethylbenzene	5.00	5.17	103		78 - 118
Trichlorofluoromethane	5.00	4.18	84		63 - 135
Hexachlorobutadiene	5.00	5.01	100		73 - 123
2-Hexanone	10.0	10.9	109		57 - 121
Isopropylbenzene	5.00	4.95	99		71 - 111
p-Isopropyltoluene	5.00	5.34	107		76 - 113
Methylene chloride	5.00	4.70	94		71 - 119
4-Methyl-2-pentanone	10.0	11.2	112		65 - 118
Naphthalene	5.00	4.92	98		62 - 121
Benzene	5.00	4.93	99		77 - 118
2-Pentanone	10.0	9.27	93		42 - 115
n-Propylbenzene	5.00	5.53	111		76 - 116
Styrene	5.00	4.82	96		77 - 117
1,1,1,2-Tetrachloroethane	5.00	5.02	100		77 - 117
1,1,2,2-Tetrachloroethane	5.00	4.38	88		73 - 119
Tetrachloroethene	5.00	5.09	102		77 - 117
Toluene	5.00	5.15	103		73 - 120
1,2,3-Trichlorobenzene	5.00	5.87	117		66 - 123
1,2,4-Trichlorobenzene	5.00	5.25	105		73 - 121
1,1,1-Trichloroethane	5.00	4.85	97		78 - 118
1,1,2-Trichloroethane	5.00	5.10	102		76 - 116
Trichloroethene	5.00	5.18	104		78 - 122
1,2,3-Trichloropropane	5.00	4.66	93		72 - 120
1,2,4-Trimethylbenzene	5.00	5.78	116		77 - 117
1,3,5-Trimethylbenzene	5.00	5.66	113		77 - 117
Vinyl acetate	5.00	6.47	129		63 - 124
Vinyl chloride	5.00	4.15	83		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7D030000-407C
Matrix:	WATER	**Lab WorkOrder:**	JTAAF1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 08:15
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	5.00	5.46	109		77 - 117
Xylenes (total)	15.0	16.1	107		77 - 117
Methyl tert-butyl ether	10.0	8.70	87		58 - 116
m-Xylene & p-Xylene	10.0	10.6	106		78 - 118
Bromobenzene	5.00	5.19	104		75 - 115
Bromochloromethane	5.00	4.89	98		78 - 118
Bromodichloromethane	5.00	4.99	100		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	4.14	83		65 - 117
1,2-Dibromoethane (EDB)	5.00	5.02	100		77 - 117
2-Butanone (MEK)	10.0	9.31	93		57 - 120
Bromoform	5.00	4.44	89		74 - 121
Bromomethane	5.00	3.49	70		42 - 154
n-Butylbenzene	5.00	5.84	117		76 - 117
sec-Butylbenzene	5.00	5.48	110		80 - 120
tert-Butylbenzene	5.00	5.48	110		76 - 116
Carbon disulfide	5.00	3.24	65		56 - 104
Carbon tetrachloride	5.00	4.84	97		80 - 120
Chlorobenzene	5.00	5.06	101		78 - 118
Chlorodibromomethane	5.00	4.99	100		76 - 116
Chloroethane	5.00	4.01	80		51 - 133
2-Chloroethyl vinyl ether	5.00	3.59	72		17 - 150
Chloroform	5.00	4.89	98		78 - 118
Chloromethane	5.00	4.11	82		46 - 142
2-Chlorotoluene	5.00	5.47	109		76 - 116
4-Chlorotoluene	5.00	5.43	109		78 - 118
Dibromomethane	5.00	4.85	97		77 - 117
1,2-Dichlorobenzene	5.00	5.31	106		76 - 116
1,3-Dichlorobenzene	5.00	5.23	105		75 - 115
1,4-Dichlorobenzene	5.00	5.32	106		77 - 117

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7D030000-407C
Matrix:	WATER	**Lab WorkOrder:**	JTAAF1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 08:15
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Dichlorodifluoromethane	5.00	4.39	88		56 - 140
1,1-Dichloroethane	5.00	5.02	100		77 - 117
1,2-Dichloroethane	5.00	5.18	104		74 - 120
1,1-Dichloroethene	5.00	4.64	93		68 - 133
cis-1,2-Dichloroethene	5.00	4.81	96		75 - 115
trans-1,2-Dichloroethene	5.00	5.09	102		80 - 120
1,2-Dichloroethene (total)	10.0	9.90	99		78 - 118
1,2-Dichloropropane	5.00	5.13	103		76 - 116
1,3-Dichloropropane	5.00	5.08	102		75 - 115
2,2-Dichloropropane	5.00	4.90	98		72 - 128
1,1-Dichloropropene	5.00	4.91	98		75 - 115
cis-1,3-Dichloropropene	5.00	4.46	89		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	117	70	127	
2037-26-5	Toluene-d8	117	83	125	
1868-53-7	Dibromofluoromethane	109	77	119	
460-00-4	4-Bromofluorobenzene	111	78	118	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-52A-7A1
Lot/SDG Number:	D7C230305	**MS Lab Sample ID:**	D7C230305-014S
Matrix:	WATER	**MS Lab WorkOrder:**	JRM9V1AD
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 14:38
MS Sample Aliquot:	2 mL	**Instrument ID:**	R1
MS Dilution Factor:	10		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	50.0	1.7	D2	46.7	93	D2	77 - 117
1,1,1-Trichloroethane	50.0	1.6	D2	46.0	92	D2	78 - 118
1,1,2,2-Tetrachloroethane	50.0	2.0	D2	44.8	90	D2	73 - 119
1,1,2-Trichloroethane	50.0	3.2	D2 M1	65.6	131	D2 M1	76 - 116
1,1-Dichloroethane	50.0	1.6	D2	64.7	98	D2	77 - 117
1,1-Dichloroethene	50.0	1.4	D2	45.4	91	D2	68 - 133
1,1-Dichloropropene	50.0	1.5	D2	53.3	107	D2	75 - 115
1,2,3-Trichlorobenzene	50.0	1.8	D2	45.3	91	D2	66 - 123
1,2,3-Trichloropropane	50.0	2.7	D2	40.7	81	D2	72 - 120
1,2,4-Trichlorobenzene	50.0	3.2	D2	45.2	90	D2	73 - 121
1,2,4-Trimethylbenzene	50.0	53	D2	107	107	D2	77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	50.0	15	D2	49.2	98	D2	65 - 117
1,2-Dibromoethane (EDB)	50.0	1.8	D2	47.3	95	D2	77 - 117
1,2-Dichlorobenzene	50.0	1.3	D2	45.0	90	D2	76 - 116
1,2-Dichloroethane	50.0	1.3	D2 M1	61.2	122	D2 M1	74 - 120
1,2-Dichloroethene (total)	100	1.5		102	97	D2	78 - 118
1,2-Dichloropropane	50.0	1.3	D2	51.6	103	D2	76 - 116
1,3,5-Trimethylbenzene	50.0	1.4	D2 M1	69.1	120	D2 M1	77 - 117
1,3-Dichlorobenzene	50.0	1.6	D2	43.5	87	D2	75 - 115
1,3-Dichloropropane	50.0	1.5	D2	44.1	88	D2	75 - 115
1,4-Dichlorobenzene	50.0	1.6	D2	44.5	89	D2	77 - 117
2,2-Dichloropropane	50.0	2.0	D2	47.3	95	D2	72 - 128
2-Butanone (MEK)	100	18	D2	64.3	64	D2	57 - 120
2-Chloroethyl vinyl ether	50.0	7.4		7.4	0.0	D2 M2	17 - 150
2-Chlorotoluene	50.0	1.7	D2	47.9	96	D2	76 - 116
2-Hexanone	100	14	D2	89.9	90	D2	57 - 121
2-Pentanone	100	8.2		87.9	88	D2	42 - 115
4-Chlorotoluene	50.0	1.7	D2	46.6	93	D2	78 - 118
4-Methyl-2-pentanone	100	4.9	D2	96.4	96	D2	65 - 118
Acetone	100	19	D2	77.0	77	D2	48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-52A-7A1
Lot/SDG Number:	D7C230305	**MS Lab Sample ID:**	D7C230305-014S
Matrix:	WATER	**MS Lab WorkOrder:**	JRM9V1AD
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 14:38
MS Sample Aliquot:	2 mL	**Instrument ID:**	R1
MS Dilution Factor:	10		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	50.0	330	D2 M2	382	95	D2 M2	77 - 118
Bromobenzene	50.0	1.7	D2	45.7	91	D2	75 - 115
Bromochloromethane	50.0	1.0	D2	45.9	92	D2	78 - 118
Bromodichloromethane	50.0	1.7	D2	47.6	95	D2	78 - 118
Bromoform	50.0	1.9	D2	38.0	76	D2	74 - 121
Bromomethane	50.0	2.1	D2	31.0	62	D2	42 - 154
Carbon disulfide	50.0	4.5	D2	29.8	60	D2	56 - 104
Carbon tetrachloride	50.0	1.9	D2	47.4	95	D2	80 - 120
Chlorobenzene	50.0	1.7	D2	46.3	93	D2	78 - 118
Chlorodibromomethane	50.0	1.7	D2	44.9	90	D2	76 - 116
Chloroethane	50.0	4.1	D2	40.2	80	D2	51 - 133
Chloroform	50.0	1.6	D2	48.6	97	D2	78 - 118
Chloromethane	50.0	3.0	D2	39.7	79	D2	46 - 142
cis-1,2-Dichloroethene	50.0	1.5	D2	53.7	98	D2	75 - 115
cis-1,3-Dichloropropene	50.0	1.6	D2	42.0	84	D2	76 - 116
Dibromomethane	50.0	1.7	D2	46.2	92	D2	77 - 117
Dichlorodifluoromethane	50.0	3.1	D2	42.6	85	D2	56 - 140
Ethylbenzene	50.0	48	D2	98.5	101	D2	78 - 118
Hexachlorobutadiene	50.0	1.2	D2	43.7	87	D2	73 - 123
Isopropylbenzene	50.0	1.9	D2	54.8	95	D2	71 - 111
m-Xylene & p-Xylene	100	53		153	100	D2	78 - 118
Methyl tert-butyl ether	100	66	D2	152	86	D2	58 - 116
Methylene chloride	50.0	3.2	D2	46.0	92	D2	71 - 119
n-Butylbenzene	50.0	1.4	D2	53.4	101	D2	76 - 117
n-Propylbenzene	50.0	1.6	D2	56.5	99	D2	76 - 116
Naphthalene	50.0	46	D2	80.2	68	D2	62 - 121
o-Xylene	50.0	1.9		53.1	100	D2	77 - 117
p-Isopropyltoluene	50.0	0.17	D2	48.2	88	D2	76 - 113
sec-Butylbenzene	50.0	1.7	D2	54.4	99	D2	80 - 120
Styrene	50.0	1.7	D2	42.2	84	D2	77 - 117

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-52A-7A1
Lot/SDG Number:	D7C230305	**MS Lab Sample ID:**	D7C230305-014S
Matrix:	WATER	**MS Lab WorkOrder:**	JRM9V1AD
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 14:38
MS Sample Aliquot:	2 mL	**Instrument ID:**	R1
MS Dilution Factor:	10		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
tert-Butylbenzene	50.0	1.6	D2	54.5	109	D2	76 - 116
Tetrachloroethene	50.0	2.0	D2	48.8	98	D2	77 - 117
Toluene	50.0	1.7	D2	49.8	100	D2	73 - 120
trans-1,2-Dichloroethene	50.0	1.5	D2	48.2	96	D2	80 - 120
trans-1,3-Dichloropropene	50.0	1.9	D2	51.4	103	D2	72 - 117
Trichloroethene	50.0	13	D2	63.1	101	D2	78 - 122
Trichlorofluoromethane	50.0	2.9	D2	41.7	83	D2	63 - 135
Vinyl acetate	50.0	9.4	D2 M1 L1	62.0	124	D2 M1	63 - 124
Vinyl chloride	50.0	1.7	D2	40.5	81	D2	49 - 136
Xylenes (total)	150	1.9	D2	206	100	D2	77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	110	70	127	D2
460-00-4	4-Bromofluorobenzene	111	78	118	D2
1868-53-7	Dibromofluoromethane	115	77	119	D2
2037-26-5	Toluene-d8	115	83	125	D2

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-52A-7A1
Lot/SDG Number:	D7C230305	**MSD Lab Sample ID:**	D7C230305-014D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRM9V1AE
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 14:57
MSD Sample Aliquot:	2 mL	**Instrument ID:**	R1
MSD Dilution Factor:	10		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	50.0	1.7	D2	49.6	99	5.9	D2	77 - 117	20
1,1,1-Trichloroethane	50.0	1.6	D2	48.8	98	6.1	D2	78 - 118	20
1,1,2,2-Tetrachloroethane	50.0	2.0	D2	47.0	94	4.8	D2 M1	73 - 119	20
1,1,2-Trichloroethane	50.0	3.2	D2 M1	68.2	136	3.9	D2 M1	76 - 116	21
1,1-Dichloroethane	50.0	1.6	D2	66.0	100	2.0	D2	77 - 117	21
1,1-Dichloroethene	50.0	1.4	D2	50.1	100	9.8	D2	68 - 133	20
1,1-Dichloropropene	50.0	1.5	D2	54.0	108	1.2	D2	75 - 115	21
1,2,3-Trichlorobenzene	50.0	1.8	D2	53.7	107	17	D2	66 - 123	29
1,2,3-Trichloropropane	50.0	2.7	D2	42.6	85	4.4	D2	72 - 120	23
1,2,4-Trichlorobenzene	50.0	3.2	D2	51.6	103	13	D2	73 - 121	25
1,2,4-Trimethylbenzene	50.0	53	D2	104	101	2.7	D2	77 - 117	20
1,2-Dibromo-3-chloroprop	50.0	15	D2	52.9	106	7.1	D2	65 - 117	22
1,2-Dibromoethane (EDB)	50.0	1.8	D2	51.4	103	8.4	D2	77 - 117	20
1,2-Dichlorobenzene	50.0	1.3	D2	47.5	95	5.4	D2	76 - 116	20
1,2-Dichloroethane	50.0	1.3	D2 M1	64.7	129	5.5	D2 M1	74 - 120	20
1,2-Dichloroethene (total)	100	1.5		106	101	3.7	D2	78 - 118	20
1,2-Dichloropropane	50.0	1.3	D2	53.8	108	4.2	D2	76 - 116	20
1,3,5-Trimethylbenzene	50.0	1.4	D2 M1	66.4	115	4.0	D2 M1	77 - 117	20
1,3-Dichlorobenzene	50.0	1.6	D2	45.9	92	5.4	D2	75 - 115	20
1,3-Dichloropropane	50.0	1.5	D2	48.5	97	9.6	D2	75 - 115	20
1,4-Dichlorobenzene	50.0	1.6	D2	46.4	93	4.2	D2	77 - 117	23
2,2-Dichloropropane	50.0	2.0	D2	50.3	101	6.2	D2	72 - 128	24
2-Butanone (MEK)	100	18	D2	83.6	84	26	D2	57 - 120	32
2-Chloroethyl vinyl ether	50.0	7.4		7.4	0.0	0.0	D2 M2	17 - 150	31
2-Chlorotoluene	50.0	1.7	D2	48.4	97	0.99	D2	76 - 116	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-52A-7A1
Lot/SDG Number:	D7C230305	**MSD Lab Sample ID:**	D7C230305-014D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRM9V1AE
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 14:57
MSD Sample Aliquot:	2 mL	**Instrument ID:**	R1
MSD Dilution Factor:	10		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Hexanone	100	14	D2	100	100	11	D2	57 - 121	25
2-Pentanone	100	8.2		101	101	14	D2	42 - 115	26
4-Chlorotoluene	50.0	1.7	D2	47.5	95	1.9	D2	78 - 118	20
4-Methyl-2-pentanone	100	4.9	D2	106	106	9.1	D2	65 - 118	22
Acetone	100	19	D2	78.6	79	2.0	D2	48 - 130	41
Benzene	50.0	330	D2 M2	361	55	5.4	D2 M2	77 - 118	20
Bromobenzene	50.0	1.7	D2	47.1	94	3.0	D2	75 - 115	20
Bromochloromethane	50.0	1.0	D2	53.0	106	14	D2	78 - 118	20
Bromodichloromethane	50.0	1.7	D2	50.8	102	6.4	D2	78 - 118	20
Bromoform	50.0	1.9	D2	44.5	89	16	D2	74 - 121	21
Bromomethane	50.0	2.1	D2	35.4	71	13	D2	42 - 154	24
Carbon disulfide	50.0	4.5	D2	31.9	64	6.8	D2	56 - 104	20
Carbon tetrachloride	50.0	1.9	D2	49.4	99	4.2	D2	80 - 120	21
Chlorobenzene	50.0	1.7	D2	50.0	100	7.6	D2	78 - 118	20
Chlorodibromomethane	50.0	1.7	D2	49.4	99	9.5	D2	76 - 116	20
Chloroethane	50.0	4.1	D2	42.9	86	6.4	D2	51 - 133	25
Chloroform	50.0	1.6	D2	49.8	100	2.4	D2	78 - 118	20
Chloromethane	50.0	3.0	D2	42.2	84	6.0	D2	46 - 142	24
cis-1,2-Dichloroethene	50.0	1.5	D2	54.5	100	1.5	D2	75 - 115	20
cis-1,3-Dichloropropene	50.0	1.6	D2	44.4	89	5.5	D2	76 - 116	20
Dibromomethane	50.0	1.7	D2	49.3	99	6.4	D2	77 - 117	20
Dichlorodifluoromethane	50.0	3.1	D2	41.1	82	3.7	D2	56 - 140	24
Ethylbenzene	50.0	48	D2	98.6	102	0.12	D2	78 - 118	26
Hexachlorobutadiene	50.0	1.2	D2	44.4	89	1.6	D2	73 - 123	25
Isopropylbenzene	50.0	1.9	D2	57.5	101	4.9	D2	71 - 111	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-52A-7A1
Lot/SDG Number:	D7C230305	**MSD Lab Sample ID:**	D7C230305-014D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRM9V1AE
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/02/07 06:27
QC Batch ID:	7093407	**Date/Time Analyzed:**	04/02/07 14:57
MSD Sample Aliquot:	2 mL	**Instrument ID:**	R1
MSD Dilution Factor:	10		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
m-Xylene & p-Xylene	100	53		155	102	1.4	D2	78 - 118	20
Methyl tert-butyl ether	100	66	D2	158	92	4.2	D2	58 - 116	21
Methylene chloride	50.0	3.2	D2	51.7	103	12	D2	71 - 119	20
n-Butylbenzene	50.0	1.4	D2	56.2	106	5.0	D2	76 - 117	21
n-Propylbenzene	50.0	1.6	D2	57.5	101	1.6	D2	76 - 116	20
Naphthalene	50.0	46	D2	89.1	86	11	D2	62 - 121	32
o-Xylene	50.0	1.9		56.9	108	7.0	D2	77 - 117	20
p-Isopropyltoluene	50.0	0.17	D2	49.6	91	2.9	D2	76 - 113	20
sec-Butylbenzene	50.0	1.7	D2	55.0	100	1.1	D2	80 - 120	21
Styrene	50.0	1.7	D2	45.8	92	8.0	D2	77 - 117	20
tert-Butylbenzene	50.0	1.6	D2	56.5	113	3.6	D2	76 - 116	21
Tetrachloroethene	50.0	2.0	D2	50.5	101	3.5	D2	77 - 117	20
Toluene	50.0	1.7	D2	51.2	102	2.7	D2	73 - 120	20
trans-1,2-Dichloroethene	50.0	1.5	D2	51.3	103	6.2	D2	80 - 120	24
trans-1,3-Dichloropropene	50.0	1.9	D2	54.0	108	5.0	D2	72 - 117	20
Trichloroethene	50.0	13	D2	65.2	105	3.2	D2	78 - 122	20
Trichlorofluoromethane	50.0	2.9	D2	44.4	89	6.4	D2	63 - 135	20
Vinyl acetate	50.0	9.4	D2 M1 L1	63.6	127	2.5	D2 M1 L1	63 - 124	24
Vinyl chloride	50.0	1.7	D2	41.8	84	3.1	D2	49 - 136	24
Xylenes (total)	150	1.9	D2	212	104	2.9	D2	77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	116	70	127	D2
460-00-4	4-Bromofluorobenzene	117	78	118	D2
1868-53-7	Dibromofluoromethane	113	77	119	D2
2037-26-5	Toluene-d8	115	83	125	D2

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	R3495.D
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7D030000-407B
Matrix:	WATER	**Lab Work Order:**	JTAAF1AA
Analysis Method:	8260B	**Date/Time Extracted:**	04/02/07 06:27
Extraction Method:	I25QK	**Date/Time Analyzed:**	04/02/07 08:53
QC Batch ID:	7093407	**Instrument ID:**	R1

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-92A-7A1	JRM771AA	R3495.D	04/02/07	13:19
TB-032207B	JRM7Q1AA	R3496.D	04/02/07	13:38
PL-517-7AI	JRM8A1AA	R3498.D	04/02/07	14:15
ASE-91A-7AI	JRM8D1AA	R3502.D	04/02/07	15:34
ASE-55A-7AI	JRM8K1AA	R3503.D	04/02/07	15:53
ASE-64A-7AI	JRM8N1AA	R3504.D	04/02/07	16:12
PL-519-7AI	JRM8V1AA	R3506.D	04/02/07	16:49
TB-032207A	JRM9A1AA	R3507.D	04/02/07	17:08
ASE-52A-7A1	JRM9V1AA	R3497.D	04/02/07	13:56
ASE-52A-7A1 MS	JRM9V1AD S	R3499.D	04/02/07	14:38
ASE-52A-7A1 MSD	JRM9V1AE D	R3500.D	04/02/07	14:57
CHECK SAMPLE	JTAAF1AC C	R3479.D	04/02/07	08:15

STL

Volatile GC/MS

Lot ID: D7C230305

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 007, 010 - 013, 015 - 020

Batch: 7094142

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-63A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-007
Matrix:	WATER	**Lab WorkOrder:**	JRM8R1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:46
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 10:53
Sample Aliquot:	0.2 mL	**Instrument ID:**	R1
Dilution Factor:	100		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	500	D2	
71-55-6	1,1,1-Trichloroethane	ND	200	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	D2	
79-00-5	1,1,2-Trichloroethane	ND	100	D2	
75-34-3	1,1-Dichloroethane	ND	200	D2	
75-35-4	1,1-Dichloroethene	ND	200	D2	
563-58-6	1,1-Dichloropropene	ND	200	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	500	D2	
96-18-4	1,2,3-Trichloropropane	ND	1000	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	500	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	200	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	500	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	200	D2	
95-50-1	1,2-Dichlorobenzene	ND	100	D2	
107-06-2	1,2-Dichloroethane	ND	100	D2	
78-87-5	1,2-Dichloropropane	ND	200	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	200	D2	
541-73-1	1,3-Dichlorobenzene	ND	100	D2	
142-28-9	1,3-Dichloropropane	ND	200	D2	
106-46-7	1,4-Dichlorobenzene	ND	100	D2	
594-20-7	2,2-Dichloropropane	ND	200	D2	
78-93-3	2-Butanone (MEK)	ND	1000	D2	
95-49-8	2-Chlorotoluene	ND	500	D2	
591-78-6	2-Hexanone	ND	1000	D2	
106-43-4	4-Chlorotoluene	ND	500	D2	
108-10-1	4-Methyl-2-pentanone	ND	1000	D2	
67-64-1	Acetone	ND	2000	D2	
71-43-2	Benzene	**4300**	100	D2 M2	
108-86-1	Bromobenzene	ND	500	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-63A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-007
Matrix:	WATER	**Lab WorkOrder:**	JRM8R1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:46
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 10:53
Sample Aliquot:	0.2 mL	**Instrument ID:**	R1
Dilution Factor:	100		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	500	D2	
75-27-4	Bromodichloromethane	ND	100	D2	
75-25-2	Bromoform	ND	500	D2	
74-83-9	Bromomethane	ND	500	D2	
75-15-0	Carbon disulfide	ND	500	D2	
56-23-5	Carbon tetrachloride	ND	200	D2	
108-90-7	Chlorobenzene	ND	100	D2	
124-48-1	Chlorodibromomethane	ND	200	D2	
75-00-3	Chloroethane	ND	500	D2	
67-66-3	Chloroform	ND	200	D2	
74-87-3	Chloromethane	ND	500	D2	
156-59-2	cis-1,2-Dichloroethene	ND	200	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	200	D2	
74-95-3	Dibromomethane	ND	200	D2	
75-71-8	Dichlorodifluoromethane	ND	500	D2	
100-41-4	Ethylbenzene	**910**	200	D2	
87-68-3	Hexachlorobutadiene	ND	500	D2	
74-88-4	Iodomethane	ND	1000	D2	
98-82-8	Isopropylbenzene	ND	200	D2	
1634-04-4	Methyl tert-butyl ether	ND	500	D2	
75-09-2	Methylene chloride	ND	500	D2 R4	
91-20-3	Naphthalene	**200**	200	D2	
104-51-8	n-Butylbenzene	ND	500	D2	
103-65-1	n-Propylbenzene	ND	200	D2	
99-87-6	p-Isopropyltoluene	ND	100	D2	
135-98-8	sec-Butylbenzene	ND	500	D2	
100-42-5	Styrene	ND	200	D2	
98-06-6	tert-Butylbenzene	ND	500	D2	
127-18-4	Tetrachloroethene	ND	100	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-63A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-007
Matrix:	WATER	**Lab WorkOrder:**	JRM8R1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:46
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 10:53
Sample Aliquot:	0.2 mL	**Instrument ID:**	R1
Dilution Factor:	100		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	200	D2	
156-60-5	trans-1,2-Dichloroethene	ND	200	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	200	D2	
79-01-6	Trichloroethene	ND	100	D2	
75-69-4	Trichlorofluoromethane	ND	500	D2	
108-05-4	Vinyl acetate	ND	2500	D2 M1 L1	
75-01-4	Vinyl chloride	ND	100	D2	
1330-20-7	Xylenes (total)	ND	1000	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	107	70	127	D2	
2037-26-5	Toluene-d8	117	83	125	D2	
1868-53-7	Dibromofluoromethane	103	77	119	D2	
460-00-4	4-Bromofluorobenzene	107	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-68A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-010
Matrix:	WATER	**Lab WorkOrder:**	JRM9G1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 11:45
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 12:08
Sample Aliquot:	3 mL	**Instrument ID:**	R1
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	33	D2	
71-55-6	1,1,1-Trichloroethane	ND	13	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.7	D2	
79-00-5	1,1,2-Trichloroethane	ND	6.7	D2	
75-34-3	1,1-Dichloroethane	**27**	13	D2	
75-35-4	1,1-Dichloroethene	ND	13	D2	
563-58-6	1,1-Dichloropropene	ND	13	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	33	D2	
96-18-4	1,2,3-Trichloropropane	ND	67	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	33	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	13	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	33	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	13	D2	
95-50-1	1,2-Dichlorobenzene	ND	6.7	D2	
107-06-2	1,2-Dichloroethane	ND	6.7	D2 M1 R9	
78-87-5	1,2-Dichloropropane	ND	13	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	13	D2	
541-73-1	1,3-Dichlorobenzene	ND	6.7	D2	
142-28-9	1,3-Dichloropropane	ND	13	D2	
106-46-7	1,4-Dichlorobenzene	ND	6.7	D2	
594-20-7	2,2-Dichloropropane	ND	13	D2	
78-93-3	2-Butanone (MEK)	ND	67	D2	
95-49-8	2-Chlorotoluene	ND	33	D2	
591-78-6	2-Hexanone	ND	67	D2	
106-43-4	4-Chlorotoluene	ND	33	D2	
108-10-1	4-Methyl-2-pentanone	ND	67	D2	
67-64-1	Acetone	ND	130	D2	
71-43-2	Benzene	**8.7**	6.7	D2 M2	
108-86-1	Bromobenzene	ND	33	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-68A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-010
Matrix:	WATER	**Lab WorkOrder:**	JRM9G1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 11:45
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 12:08
Sample Aliquot:	3 mL	**Instrument ID:**	R1
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	33	D2	
75-27-4	Bromodichloromethane	ND	6.7	D2	
75-25-2	Bromoform	ND	33	D2	
74-83-9	Bromomethane	ND	33	D2	
75-15-0	Carbon disulfide	ND	33	D2	
56-23-5	Carbon tetrachloride	ND	13	D2	
108-90-7	Chlorobenzene	ND	6.7	D2	
124-48-1	Chlorodibromomethane	ND	13	D2	
75-00-3	Chloroethane	ND	33	D2	
67-66-3	Chloroform	ND	13	D2	
74-87-3	Chloromethane	ND	33	D2	
156-59-2	cis-1,2-Dichloroethene	**15**	13	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	13	D2	
74-95-3	Dibromomethane	ND	13	D2	
75-71-8	Dichlorodifluoromethane	ND	33	D2	
100-41-4	Ethylbenzene	ND	13	D2	
87-68-3	Hexachlorobutadiene	ND	33	D2	
74-88-4	Iodomethane	ND	67	D2	
98-82-8	Isopropylbenzene	ND	13	D2	
1634-04-4	Methyl tert-butyl ether	**150**	33	D2	
75-09-2	Methylene chloride	ND	33	D2 R4	
91-20-3	Naphthalene	ND	13	D2	
104-51-8	n-Butylbenzene	ND	33	D2	
103-65-1	n-Propylbenzene	ND	13	D2	
99-87-6	p-Isopropyltoluene	ND	13	D2	
135-98-8	sec-Butylbenzene	ND	33	D2	
100-42-5	Styrene	ND	13	D2	
98-06-6	tert-Butylbenzene	ND	33	D2	
127-18-4	Tetrachloroethene	ND	6.7	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-68A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-010
Matrix:	WATER	**Lab WorkOrder:**	JRM9G1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 11:45
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 12:08
Sample Aliquot:	3 mL	**Instrument ID:**	R1
Dilution Factor:	6.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	13	D2	
156-60-5	trans-1,2-Dichloroethene	ND	13	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	13	D2	
79-01-6	Trichloroethene	ND	6.7	D2	
75-69-4	Trichlorofluoromethane	ND	33	D2	
108-05-4	Vinyl acetate	ND	170	D2 M1 L1	
75-01-4	Vinyl chloride	**22**	6.7	D2	
1330-20-7	Xylenes (total)	ND	67	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	117	70	127	D2	
2037-26-5	Toluene-d8	117	83	125	D2	
1868-53-7	Dibromofluoromethane	106	77	119	D2	
460-00-4	4-Bromofluorobenzene	112	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-20A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-011
Matrix:	WATER	**Lab WorkOrder:**	JRM9L1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 11:07
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 12:33
Sample Aliquot:	10 mL	**Instrument ID:**	R1
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	D1	
71-55-6	1,1,1-Trichloroethane	ND	4.0	D1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	D1	
79-00-5	1,1,2-Trichloroethane	ND	2.0	D1	
75-34-3	1,1-Dichloroethane	**21**	4.0	D1	
75-35-4	1,1-Dichloroethene	ND	4.0	D1	
563-58-6	1,1-Dichloropropene	ND	4.0	D1	
87-61-6	1,2,3-Trichlorobenzene	ND	10	D1	
96-18-4	1,2,3-Trichloropropane	ND	20	D1	
120-82-1	1,2,4-Trichlorobenzene	ND	10	D1	
95-63-6	1,2,4-Trimethylbenzene	**13**	4.0	D1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	10	D1	
106-93-4	1,2-Dibromoethane (EDB)	ND	4.0	D1	
95-50-1	1,2-Dichlorobenzene	ND	2.0	D1	
107-06-2	1,2-Dichloroethane	ND	2.0	D1 M1 R9	
78-87-5	1,2-Dichloropropane	ND	4.0	D1	
108-67-8	1,3,5-Trimethylbenzene	ND	4.0	D1	
541-73-1	1,3-Dichlorobenzene	ND	2.0	D1	
142-28-9	1,3-Dichloropropane	ND	4.0	D1	
106-46-7	1,4-Dichlorobenzene	ND	2.0	D1	
594-20-7	2,2-Dichloropropane	ND	4.0	D1	
78-93-3	2-Butanone (MEK)	ND	20	D1	
95-49-8	2-Chlorotoluene	ND	10	D1	
591-78-6	2-Hexanone	ND	20	D1	
106-43-4	4-Chlorotoluene	ND	10	D1	
108-10-1	4-Methyl-2-pentanone	ND	20	D1	
67-64-1	Acetone	ND	40	D1	
71-43-2	Benzene	**6.7**	2.0	D1 M2	
108-86-1	Bromobenzene	ND	10	D1	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-20A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-011
Matrix:	WATER	**Lab WorkOrder:**	JRM9L1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 11:07
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 12:33
Sample Aliquot:	10 mL	**Instrument ID:**	R1
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	10	D1	
75-27-4	Bromodichloromethane	ND	2.0	D1	
75-25-2	Bromoform	ND	10	D1	
74-83-9	Bromomethane	ND	10	D1	
75-15-0	Carbon disulfide	ND	10	D1	
56-23-5	Carbon tetrachloride	ND	4.0	D1	
108-90-7	Chlorobenzene	ND	2.0	D1	
124-48-1	Chlorodibromomethane	ND	4.0	D1	
75-00-3	Chloroethane	ND	10	D1	
67-66-3	Chloroform	ND	4.0	D1	
74-87-3	Chloromethane	ND	10	D1	
156-59-2	cis-1,2-Dichloroethene	ND	4.0	D1	
10061-01-5	cis-1,3-Dichloropropene	ND	4.0	D1	
74-95-3	Dibromomethane	ND	4.0	D1	
75-71-8	Dichlorodifluoromethane	ND	10	D1	
100-41-4	Ethylbenzene	**21**	4.0	D1	
87-68-3	Hexachlorobutadiene	ND	10	D1	
74-88-4	Iodomethane	ND	20	D1	
98-82-8	Isopropylbenzene	**9.8**	4.0	D1	
1634-04-4	Methyl tert-butyl ether	**11**	10	D1	
75-09-2	Methylene chloride	ND	10	D1 R4	
91-20-3	Naphthalene	**23**	4.0	D1	
104-51-8	n-Butylbenzene	ND	10	D1	
103-65-1	n-Propylbenzene	**9.1**	4.0	D1	
99-87-6	p-Isopropyltoluene	ND	4.0	D1	
135-98-8	sec-Butylbenzene	ND	10	D1	
100-42-5	Styrene	ND	4.0	D1	
98-06-6	tert-Butylbenzene	ND	10	D1	
127-18-4	Tetrachloroethene	ND	2.0	D1	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-20A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-011
Matrix:	WATER	**Lab WorkOrder:**	JRM9L1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 11:07
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 12:33
Sample Aliquot:	10 mL	**Instrument ID:**	R1
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	4.0	D1	
156-60-5	trans-1,2-Dichloroethene	ND	4.0	D1	
10061-02-6	trans-1,3-Dichloropropene	ND	4.0	D1	
79-01-6	Trichloroethene	**2.2**	2.0	D1	
75-69-4	Trichlorofluoromethane	ND	10	D1	
108-05-4	Vinyl acetate	ND	50	D1 M1 L1	
75-01-4	Vinyl chloride	**11**	2.0	D1	
1330-20-7	Xylenes (total)	ND	20	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	114	70	127	D1	
2037-26-5	Toluene-d8	119	83	125	D1	
1868-53-7	Dibromofluoromethane	108	77	119	D1	
460-00-4	4-Bromofluorobenzene	113	78	118	D1	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-51A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-012
Matrix:	WATER	**Lab WorkOrder:**	JRM9N1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:12
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 12:51
Sample Aliquot:	1 mL	**Instrument ID:**	R1
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	D2 S1	
71-55-6	1,1,1-Trichloroethane	ND	40	D2 S1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	D2 S1	
79-00-5	1,1,2-Trichloroethane	ND	20	D2 S1	
75-34-3	1,1-Dichloroethane	ND	40	D2 S1	
75-35-4	1,1-Dichloroethene	ND	40	D2 S1	
563-58-6	1,1-Dichloropropene	ND	40	D2 S1	
87-61-6	1,2,3-Trichlorobenzene	ND	100	D2 S1	
96-18-4	1,2,3-Trichloropropane	ND	200	D2 S1	
120-82-1	1,2,4-Trichlorobenzene	ND	100	D2 S1	
95-63-6	1,2,4-Trimethylbenzene	**100**	40	D2 S1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	100	D2 S1	
106-93-4	1,2-Dibromoethane (EDB)	ND	40	D2 S1	
95-50-1	1,2-Dichlorobenzene	ND	20	D2 S1	
107-06-2	1,2-Dichloroethane	ND	20	D2 S1	
78-87-5	1,2-Dichloropropane	ND	40	D2 S1	
108-67-8	1,3,5-Trimethylbenzene	ND	40	D2 S1	
541-73-1	1,3-Dichlorobenzene	ND	20	D2 S1	
142-28-9	1,3-Dichloropropane	ND	40	D2 S1	
106-46-7	1,4-Dichlorobenzene	ND	20	D2 S1	
594-20-7	2,2-Dichloropropane	ND	40	D2 S1	
78-93-3	2-Butanone (MEK)	ND	200	D2 S1	
95-49-8	2-Chlorotoluene	ND	100	D2 S1	
591-78-6	2-Hexanone	ND	200	D2 S1	
106-43-4	4-Chlorotoluene	ND	100	D2 S1	
108-10-1	4-Methyl-2-pentanone	ND	200	D2 S1	
67-64-1	Acetone	ND	400	D2 S1	
71-43-2	Benzene	**100**	20	D2 S1 M2	
108-86-1	Bromobenzene	ND	100	D2 S1	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-51A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-012
Matrix:	WATER	**Lab WorkOrder:**	JRM9N1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:12
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 12:51
Sample Aliquot:	1 mL	**Instrument ID:**	R1
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	100	D2 S1	
75-27-4	Bromodichloromethane	ND	20	D2 S1	
75-25-2	Bromoform	ND	100	D2 S1	
74-83-9	Bromomethane	ND	100	D2 S1	
75-15-0	Carbon disulfide	ND	100	D2 S1	
56-23-5	Carbon tetrachloride	ND	40	D2 S1	
108-90-7	Chlorobenzene	ND	20	D2 S1	
124-48-1	Chlorodibromomethane	ND	40	D2 S1	
75-00-3	Chloroethane	ND	100	D2 S1	
67-66-3	Chloroform	ND	40	D2 S1	
74-87-3	Chloromethane	ND	100	D2 S1	
156-59-2	cis-1,2-Dichloroethene	ND	40	D2 S1	
10061-01-5	cis-1,3-Dichloropropene	ND	40	D2 S1	
74-95-3	Dibromomethane	ND	40	D2 S1	
75-71-8	Dichlorodifluoromethane	ND	100	D2 S1	
100-41-4	Ethylbenzene	**170**	40	D2 S1	
87-68-3	Hexachlorobutadiene	ND	100	D2 S1	
74-88-4	Iodomethane	ND	200	D2 S1	
98-82-8	Isopropylbenzene	**40**	40	D2 S1	
1634-04-4	Methyl tert-butyl ether	ND	100	D2 S1	
75-09-2	Methylene chloride	ND	100	D2 S1 R4	
91-20-3	Naphthalene	**360**	40	D2 S1	
104-51-8	n-Butylbenzene	ND	100	D2 S1	
103-65-1	n-Propylbenzene	**47**	40	D2 S1	
99-87-6	p-Isopropyltoluene	ND	40	D2 S1	
135-98-8	sec-Butylbenzene	ND	100	D2 S1	
100-42-5	Styrene	ND	40	D2 S1	
98-06-6	tert-Butylbenzene	ND	100	D2 S1	
127-18-4	Tetrachloroethene	ND	20	D2 S1	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-51A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-012
Matrix:	WATER	**Lab WorkOrder:**	JRM9N1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:12
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 12:51
Sample Aliquot:	1 mL	**Instrument ID:**	R1
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	40	D2 S1	
156-60-5	trans-1,2-Dichloroethene	ND	40	D2 S1	
10061-02-6	trans-1,3-Dichloropropene	ND	40	D2 S1	
79-01-6	Trichloroethene	ND	20	D2 S1	
75-69-4	Trichlorofluoromethane	ND	100	D2 S1	
108-05-4	Vinyl acetate	ND	500	D2 S1 M1 L1	
75-01-4	Vinyl chloride	ND	20	D2 S1	
1330-20-7	Xylenes (total)	ND	200	D2 S1	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	115	70	127	D2 S1	
2037-26-5	Toluene-d8	120	83	125	D2 S1	
1868-53-7	Dibromofluoromethane	108	77	119	D2 S1	
460-00-4	4-Bromofluorobenzene	120	78	118	D2 S1	*

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-53A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-013
Matrix:	WATER	**Lab WorkOrder:**	JRM9R1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 08:40
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 13:10
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	**7.0**	1.0	M2	
108-86-1	Bromobenzene	ND	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-53A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-013
Matrix:	WATER	**Lab WorkOrder:**	JRM9R1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 08:40
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 13:10
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0	R4	
91-20-3	Naphthalene	**3.1**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.8**	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-53A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-013
Matrix:	WATER	**Lab WorkOrder:**	JRM9R1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 08:40
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 13:10
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**10**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	M1 L1	
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	115	70	127		
2037-26-5	Toluene-d8	124	83	125		
1868-53-7	Dibromofluoromethane	107	77	119		
460-00-4	4-Bromofluorobenzene	109	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-56A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-015
Matrix:	WATER	**Lab WorkOrder:**	JRNAR1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 12:25
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 14:26
Sample Aliquot:	0.5 mL	**Instrument ID:**	R1
Dilution Factor:	40		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	200	D2	
71-55-6	1,1,1-Trichloroethane	ND	80	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	40	D2	
79-00-5	1,1,2-Trichloroethane	ND	40	D2	
75-34-3	1,1-Dichloroethane	ND	80	D2	
75-35-4	1,1-Dichloroethene	ND	80	D2	
563-58-6	1,1-Dichloropropene	ND	80	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	200	D2	
96-18-4	1,2,3-Trichloropropane	ND	400	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	200	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	80	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	200	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	80	D2	
95-50-1	1,2-Dichlorobenzene	ND	40	D2	
107-06-2	1,2-Dichloroethane	ND	40	D2 M1 R9	
78-87-5	1,2-Dichloropropane	ND	80	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	80	D2	
541-73-1	1,3-Dichlorobenzene	ND	40	D2	
142-28-9	1,3-Dichloropropane	ND	80	D2	
106-46-7	1,4-Dichlorobenzene	ND	40	D2	
594-20-7	2,2-Dichloropropane	ND	80	D2	
78-93-3	2-Butanone (MEK)	ND	400	D2	
95-49-8	2-Chlorotoluene	ND	200	D2	
591-78-6	2-Hexanone	ND	400	D2	
106-43-4	4-Chlorotoluene	ND	200	D2	
108-10-1	4-Methyl-2-pentanone	ND	400	D2	
67-64-1	Acetone	ND	800	D2	
71-43-2	Benzene	**530**	40	D2 M2	
108-86-1	Bromobenzene	ND	200	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-56A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-015
Matrix:	WATER	**Lab WorkOrder:**	JRNAR1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 12:25
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 14:26
Sample Aliquot:	0.5 mL	**Instrument ID:**	R1
Dilution Factor:	40		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	200	D2	
75-27-4	Bromodichloromethane	ND	40	D2	
75-25-2	Bromoform	ND	200	D2	
74-83-9	Bromomethane	ND	200	D2	
75-15-0	Carbon disulfide	ND	200	D2	
56-23-5	Carbon tetrachloride	ND	80	D2	
108-90-7	Chlorobenzene	ND	40	D2	
124-48-1	Chlorodibromomethane	ND	80	D2	
75-00-3	Chloroethane	ND	200	D2	
67-66-3	Chloroform	ND	80	D2	
74-87-3	Chloromethane	ND	200	D2	
156-59-2	cis-1,2-Dichloroethene	ND	80	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	80	D2	
74-95-3	Dibromomethane	ND	80	D2	
75-71-8	Dichlorodifluoromethane	ND	200	D2	
100-41-4	Ethylbenzene	ND	80	D2	
87-68-3	Hexachlorobutadiene	ND	200	D2	
74-88-4	Iodomethane	ND	400	D2	
98-82-8	Isopropylbenzene	ND	80	D2	
1634-04-4	Methyl tert-butyl ether	ND	200	D2	
75-09-2	Methylene chloride	ND	200	D2 R4	
91-20-3	Naphthalene	**260**	80	D2	
104-51-8	n-Butylbenzene	ND	200	D2	
103-65-1	n-Propylbenzene	ND	80	D2	
99-87-6	p-Isopropyltoluene	ND	80	D2	
135-98-8	sec-Butylbenzene	ND	200	D2	
100-42-5	Styrene	ND	80	D2	
98-06-6	tert-Butylbenzene	ND	200	D2	
127-18-4	Tetrachloroethene	ND	40	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-56A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-015
Matrix:	WATER	**Lab WorkOrder:**	JRNAR1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 12:25
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 14:26
Sample Aliquot:	0.5 mL	**Instrument ID:**	R1
Dilution Factor:	40		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	80	D2	
156-60-5	trans-1,2-Dichloroethene	ND	80	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	80	D2	
79-01-6	Trichloroethene	ND	40	D2	
75-69-4	Trichlorofluoromethane	ND	200	D2	
108-05-4	Vinyl acetate	ND	1000	D2 M1L1	
75-01-4	Vinyl chloride	ND	40	D2	
1330-20-7	Xylenes (total)	ND	400	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	108	70	127	D2	
2037-26-5	Toluene-d8	123	83	125	D2	
1868-53-7	Dibromofluoromethane	102	77	119	D2	
460-00-4	4-Bromofluorobenzene	106	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-57A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-016
Matrix:	WATER	**Lab WorkOrder:**	JRNAW1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 13:07
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 14:45
Sample Aliquot:	1 mL	**Instrument ID:**	R1
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	D2	
71-55-6	1,1,1-Trichloroethane	ND	40	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	D2	
79-00-5	1,1,2-Trichloroethane	ND	20	D2	
75-34-3	1,1-Dichloroethane	ND	40	D2	
75-35-4	1,1-Dichloroethene	ND	40	D2	
563-58-6	1,1-Dichloropropene	ND	40	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	100	D2	
96-18-4	1,2,3-Trichloropropane	ND	200	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	100	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	40	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	100	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	40	D2	
95-50-1	1,2-Dichlorobenzene	ND	20	D2	
107-06-2	1,2-Dichloroethane	ND	20	D2	
78-87-5	1,2-Dichloropropane	ND	40	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	40	D2	
541-73-1	1,3-Dichlorobenzene	ND	20	D2	
142-28-9	1,3-Dichloropropane	ND	40	D2	
106-46-7	1,4-Dichlorobenzene	ND	20	D2	
594-20-7	2,2-Dichloropropane	ND	40	D2	
78-93-3	2-Butanone (MEK)	ND	200	D2	
95-49-8	2-Chlorotoluene	ND	100	D2	
591-78-6	2-Hexanone	ND	200	D2	
106-43-4	4-Chlorotoluene	ND	100	D2	
108-10-1	4-Methyl-2-pentanone	ND	200	D2	
67-64-1	Acetone	ND	400	D2	
71-43-2	Benzene	**660**	20	D2 M2	
108-86-1	Bromobenzene	ND	100	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-57A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-016
Matrix:	WATER	**Lab WorkOrder:**	JRNAW1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 13:07
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 14:45
Sample Aliquot:	1 mL	**Instrument ID:**	R1
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	100	D2	
75-27-4	Bromodichloromethane	ND	20	D2	
75-25-2	Bromoform	ND	100	D2	
74-83-9	Bromomethane	ND	100	D2	
75-15-0	Carbon disulfide	ND	100	D2	
56-23-5	Carbon tetrachloride	ND	40	D2	
108-90-7	Chlorobenzene	ND	20	D2	
124-48-1	Chlorodibromomethane	ND	40	D2	
75-00-3	Chloroethane	ND	100	D2	
67-66-3	Chloroform	ND	40	D2	
74-87-3	Chloromethane	ND	100	D2	
156-59-2	cis-1,2-Dichloroethene	ND	40	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	40	D2	
74-95-3	Dibromomethane	ND	40	D2	
75-71-8	Dichlorodifluoromethane	ND	100	D2	
100-41-4	Ethylbenzene	ND	40	D2	
87-68-3	Hexachlorobutadiene	ND	100	D2	
74-88-4	Iodomethane	ND	200	D2	
98-82-8	Isopropylbenzene	**63**	40	D2	
1634-04-4	Methyl tert-butyl ether	ND	100	D2	
75-09-2	Methylene chloride	ND	100	D2 R4	
91-20-3	Naphthalene	**440**	40	D2	
104-51-8	n-Butylbenzene	ND	100	D2	
103-65-1	n-Propylbenzene	**75**	40	D2	
99-87-6	p-Isopropyltoluene	ND	40	D2	
135-98-8	sec-Butylbenzene	ND	100	D2	
100-42-5	Styrene	ND	40	D2	
98-06-6	tert-Butylbenzene	ND	100	D2	
127-18-4	Tetrachloroethene	ND	20	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-57A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-016
Matrix:	WATER	**Lab WorkOrder:**	JRNAW1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 13:07
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 14:45
Sample Aliquot:	1 mL	**Instrument ID:**	R1
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	40	D2	
156-60-5	trans-1,2-Dichloroethene	ND	40	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	40	D2	
79-01-6	Trichloroethene	ND	20	D2	
75-69-4	Trichlorofluoromethane	ND	100	D2	
108-05-4	Vinyl acetate	ND	500	D2 M1 L1	
75-01-4	Vinyl chloride	ND	20	D2	
1330-20-7	Xylenes (total)	ND	200	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	112	70	127	D2	
2037-26-5	Toluene-d8	116	83	125	D2	
1868-53-7	Dibromofluoromethane	105	77	119	D2	
460-00-4	4-Bromofluorobenzene	111	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-518-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-017
Matrix:	WATER	**Lab WorkOrder:**	JRNA21AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 13:17
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 15:04
Sample Aliquot:	1 mL	**Instrument ID:**	R1
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	D2	
71-55-6	1,1,1-Trichloroethane	ND	40	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	D2	
79-00-5	1,1,2-Trichloroethane	ND	20	D2	
75-34-3	1,1-Dichloroethane	ND	40	D2	
75-35-4	1,1-Dichloroethene	ND	40	D2	
563-58-6	1,1-Dichloropropene	ND	40	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	100	D2	
96-18-4	1,2,3-Trichloropropane	ND	200	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	100	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	40	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	100	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	40	D2	
95-50-1	1,2-Dichlorobenzene	ND	20	D2	
107-06-2	1,2-Dichloroethane	ND	20	D2	
78-87-5	1,2-Dichloropropane	ND	40	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	40	D2	
541-73-1	1,3-Dichlorobenzene	ND	20	D2	
142-28-9	1,3-Dichloropropane	ND	40	D2	
106-46-7	1,4-Dichlorobenzene	ND	20	D2	
594-20-7	2,2-Dichloropropane	ND	40	D2	
78-93-3	2-Butanone (MEK)	ND	200	D2	
95-49-8	2-Chlorotoluene	ND	100	D2	
591-78-6	2-Hexanone	ND	200	D2	
106-43-4	4-Chlorotoluene	ND	100	D2	
108-10-1	4-Methyl-2-pentanone	ND	200	D2	
67-64-1	Acetone	ND	400	D2	
71-43-2	Benzene	**660**	20	D2 M2	
108-86-1	Bromobenzene	ND	100	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-518-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-017
Matrix:	WATER	**Lab WorkOrder:**	JRNA21AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 13:17
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 15:04
Sample Aliquot:	1 mL	**Instrument ID:**	R1
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	100	D2	
75-27-4	Bromodichloromethane	ND	20	D2	
75-25-2	Bromoform	ND	100	D2	
74-83-9	Bromomethane	ND	100	D2	
75-15-0	Carbon disulfide	ND	100	D2	
56-23-5	Carbon tetrachloride	ND	40	D2	
108-90-7	Chlorobenzene	ND	20	D2	
124-48-1	Chlorodibromomethane	ND	40	D2	
75-00-3	Chloroethane	ND	100	D2	
67-66-3	Chloroform	ND	40	D2	
74-87-3	Chloromethane	ND	100	D2	
156-59-2	cis-1,2-Dichloroethene	ND	40	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	40	D2	
74-95-3	Dibromomethane	ND	40	D2	
75-71-8	Dichlorodifluoromethane	ND	100	D2	
100-41-4	Ethylbenzene	ND	40	D2	
87-68-3	Hexachlorobutadiene	ND	100	D2	
74-88-4	Iodomethane	ND	200	D2	
98-82-8	Isopropylbenzene	**61**	40	D2	
1634-04-4	Methyl tert-butyl ether	ND	100	D2	
75-09-2	Methylene chloride	ND	100	D2 R4	
91-20-3	Naphthalene	**470**	40	D2	
104-51-8	n-Butylbenzene	ND	100	D2	
103-65-1	n-Propylbenzene	**70**	40	D2	
99-87-6	p-Isopropyltoluene	ND	40	D2	
135-98-8	sec-Butylbenzene	ND	100	D2	
100-42-5	Styrene	ND	40	D2	
98-06-6	tert-Butylbenzene	ND	100	D2	
127-18-4	Tetrachloroethene	ND	20	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-518-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-017
Matrix:	WATER	**Lab WorkOrder:**	JRNA21AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 13:17
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 15:04
Sample Aliquot:	1 mL	**Instrument ID:**	R1
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	40	D2	
156-60-5	trans-1,2-Dichloroethene	ND	40	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	40	D2	
79-01-6	Trichloroethene	ND	20	D2	
75-69-4	Trichlorofluoromethane	ND	100	D2	
108-05-4	Vinyl acetate	ND	500	D2 M1 L1	
75-01-4	Vinyl chloride	ND	20	D2	
1330-20-7	Xylenes (total)	ND	200	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	115	70	127	D2	
2037-26-5	Toluene-d8	115	83	125	D2	
1868-53-7	Dibromofluoromethane	107	77	119	D2	
460-00-4	4-Bromofluorobenzene	111	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-33A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-018
Matrix:	WATER	**Lab WorkOrder:**	JRNA61AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 07:45
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 18:10
Sample Aliquot:	10 mL	**Instrument ID:**	R1
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	D2	
71-55-6	1,1,1-Trichloroethane	ND	4.0	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	D2	
79-00-5	1,1,2-Trichloroethane	ND	2.0	D2	
75-34-3	1,1-Dichloroethane	ND	4.0	D2	
75-35-4	1,1-Dichloroethene	ND	4.0	D2	
563-58-6	1,1-Dichloropropene	ND	4.0	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	10	D2	
96-18-4	1,2,3-Trichloropropane	ND	20	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	10	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	4.0	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	10	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	4.0	D2	
95-50-1	1,2-Dichlorobenzene	ND	2.0	D2 M1 R9	
107-06-2	1,2-Dichloroethane	ND	2.0	D2 M1 R9	
78-87-5	1,2-Dichloropropane	ND	4.0	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	4.0	D2	
541-73-1	1,3-Dichlorobenzene	ND	2.0	D2	
142-28-9	1,3-Dichloropropane	ND	4.0	D2	
106-46-7	1,4-Dichlorobenzene	ND	2.0	D2	
594-20-7	2,2-Dichloropropane	ND	4.0	D2	
78-93-3	2-Butanone (MEK)	ND	20	D2	
95-49-8	2-Chlorotoluene	ND	10	D2	
591-78-6	2-Hexanone	ND	20	D2	
106-43-4	4-Chlorotoluene	ND	10	D2	
108-10-1	4-Methyl-2-pentanone	ND	20	D2	
67-64-1	Acetone	ND	40	D2	
71-43-2	Benzene	ND	2.0	D2 M2	
108-86-1	Bromobenzene	ND	10	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-33A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-018
Matrix:	WATER	**Lab WorkOrder:**	JRNA61AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 07:45
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 18:10
Sample Aliquot:	10 mL	**Instrument ID:**	R1
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	10	D2	
75-27-4	Bromodichloromethane	ND	2.0	D2	
75-25-2	Bromoform	ND	10	D2	
74-83-9	Bromomethane	ND	10	D2	
75-15-0	Carbon disulfide	ND	10	D2	
56-23-5	Carbon tetrachloride	ND	4.0	D2	
108-90-7	Chlorobenzene	ND	2.0	D2	
124-48-1	Chlorodibromomethane	ND	4.0	D2	
75-00-3	Chloroethane	ND	10	D2	
67-66-3	Chloroform	ND	4.0	D2	
74-87-3	Chloromethane	ND	10	D2	
156-59-2	cis-1,2-Dichloroethene	**20**	4.0	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	4.0	D2	
74-95-3	Dibromomethane	ND	4.0	D2	
75-71-8	Dichlorodifluoromethane	ND	10	D2	
100-41-4	Ethylbenzene	ND	4.0	D2	
87-68-3	Hexachlorobutadiene	ND	10	D2	
74-88-4	Iodomethane	ND	20	D2	
98-82-8	Isopropylbenzene	ND	4.0	D2	
1634-04-4	Methyl tert-butyl ether	ND	10	D2 R4	
75-09-2	Methylene chloride	ND	10	D2 R4	
91-20-3	Naphthalene	ND	4.0	D2	
104-51-8	n-Butylbenzene	ND	10	D2	
103-65-1	n-Propylbenzene	ND	4.0	D2	
99-87-6	p-Isopropyltoluene	ND	4.0	D2	
135-98-8	sec-Butylbenzene	ND	10	D2	
100-42-5	Styrene	ND	4.0	D2	
98-06-6	tert-Butylbenzene	ND	10	D2	
127-18-4	Tetrachloroethene	**2.5**	2.0	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-33A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-018
Matrix:	WATER	**Lab WorkOrder:**	JRNA61AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 07:45
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 18:10
Sample Aliquot:	10 mL	**Instrument ID:**	R1
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	4.0	D2	
156-60-5	trans-1,2-Dichloroethene	ND	4.0	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	4.0	D2	
79-01-6	Trichloroethene	**66**	2.0	D2	
75-69-4	Trichlorofluoromethane	ND	10	D2	
108-05-4	Vinyl acetate	ND	50	D2 M1 L1	
75-01-4	Vinyl chloride	ND	2.0	D2	
1330-20-7	Xylenes (total)	ND	20	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	109	70	127	D2	
2037-26-5	Toluene-d8	116	83	125	D2	
1868-53-7	Dibromofluoromethane	108	77	119	D2	
460-00-4	4-Bromofluorobenzene	106	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-65A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-019
Matrix:	WATER	**Lab WorkOrder:**	JRNCJ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 07:10
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 15:41
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0	M1 R9	
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0	M2	
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-65A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-019
Matrix:	WATER	**Lab WorkOrder:**	JRNCJ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 07:10
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 15:41
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	**2.2**	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0	R4	
91-20-3	Naphthalene	**2.1**	2.0		
104-51-8	n-Butylbenzene	ND	5.0	R4	
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-65A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-019
Matrix:	WATER	**Lab WorkOrder:**	JRNCJ1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 07:10
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 15:41
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**6.5**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	M 1L1	
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	116	70	127		
2037-26-5	Toluene-d8	119	83	125		
1868-53-7	Dibromofluoromethane	107	77	119		
460-00-4	4-Bromofluorobenzene	110	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-515-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-020
Matrix:	WATER	**Lab WorkOrder:**	JRNCK1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 07:20
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 16:00
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0	M1 R9	
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0	M2	
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-515-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-020
Matrix:	WATER	**Lab WorkOrder:**	JRNCK1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 07:20
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 16:00
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	**2.2**	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0	R4	
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0	R4	
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-515-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-020
Matrix:	WATER	**Lab WorkOrder:**	JRNCK1AA
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 07:20
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 16:00
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	**6.8**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	M1 L1	
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	112	70	127		
2037-26-5	Toluene-d8	115	83	125		
1868-53-7	Dibromofluoromethane	103	77	119		
460-00-4	4-Bromofluorobenzene	110	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7D040000-142B
Matrix:	WATER	**Lab WorkOrder:**	JTAW91AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 08:40
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	1.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

Form 1 Prep Blank Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7D040000-142B
Matrix:	WATER	**Lab WorkOrder:**	JTAW91AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 08:40
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7D040000-142B
Matrix:	WATER	**Lab WorkOrder:**	JTAW91AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 08:40
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	113	70	127	
2037-26-5	Toluene-d8	112	83	125	
1868-53-7	Dibromofluoromethane	103	77	119	
460-00-4	4-Bromofluorobenzene	103	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK

Lot/SDG Number: D7C230305 **QC Batch ID:** 7094142

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-63A-7AI	JRM8R1AA	107	107	103	117					0
ASE-63A-7AI MS	JRM8R1AD	107	114	109	117					0
ASE-63A-7AI MSD	JRM8R1AE	116	113	108	119					0
ASE-68A-7A1	JRM9G1AA	117	112	106	117					0
ASE-20A-7A1	JRM9L1AA	114	113	108	119					0
ASE-51A-7A1	JRM9N1AA	115	120 *	108	120					1
ASE-53A-7A1	JRM9R1AA	115	109	107	124					0
PL-518-7A1	JRNA21AA	115	111	107	115					0
ASE-33A-7A1	JRNA61AA	109	106	108	116					0
ASE-56A-7A1	JRNAR1AA	108	106	102	123					0
ASE-57A-7A1	JRNAW1AA	112	111	105	116					0
ASE-65A-7A1	JRNCJ1AA	116	110	107	119					0
PL-515-7A1	JRNCK1AA	112	110	103	115					0
INTRA-LAB BLANK	JTAW91AA	113	103	103	112					0
CHECK SAMPLE	JTAW91AC	113	113	107	118					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7D040000-142C
Matrix:	WATER	**Lab WorkOrder:**	JTAW91AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 08:03
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	5.73	115		72 - 117
Acetone	10.0	7.09	71		48 - 130
Ethylbenzene	5.00	5.09	102		78 - 118
Trichlorofluoromethane	5.00	4.22	84		63 - 135
Hexachlorobutadiene	5.00	4.62	92		73 - 123
2-Hexanone	10.0	9.71	97		57 - 121
Isopropylbenzene	5.00	4.85	97		71 - 111
p-Isopropyltoluene	5.00	4.90	98		76 - 113
Methylene chloride	5.00	4.93	99		71 - 119
4-Methyl-2-pentanone	10.0	10.3	103		65 - 118
Naphthalene	5.00	4.56	91		62 - 121
Benzene	5.00	4.74	95		77 - 118
2-Pentanone	10.0	10.4	104		42 - 115
n-Propylbenzene	5.00	5.28	106		76 - 116
Styrene	5.00	3.97	79		77 - 117
1,1,1,2-Tetrachloroethane	5.00	4.88	98		77 - 117
1,1,2,2-Tetrachloroethane	5.00	4.97	99		73 - 119
Tetrachloroethene	5.00	5.03	101		77 - 117
Toluene	5.00	5.15	103		73 - 120
1,2,3-Trichlorobenzene	5.00	4.90	98		66 - 123
1,2,4-Trichlorobenzene	5.00	4.73	95		73 - 121
1,1,1-Trichloroethane	5.00	4.82	96		78 - 118
1,1,2-Trichloroethane	5.00	5.03	101		76 - 116
Trichloroethene	5.00	5.10	102		78 - 122
1,2,3-Trichloropropane	5.00	4.96	99		72 - 120
1,2,4-Trimethylbenzene	5.00	5.29	106		77 - 117
1,3,5-Trimethylbenzene	5.00	5.39	108		77 - 117
Vinyl acetate	5.00	6.85	137		63 - 124
Vinyl chloride	5.00	3.51	70		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7D040000-142C
Matrix:	WATER	**Lab WorkOrder:**	JTAW91AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 08:03
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	5.00	5.27	105		77 - 117
Xylenes (total)	15.0	15.5	103		77 - 117
Methyl tert-butyl ether	10.0	8.96	90		58 - 116
m-Xylene & p-Xylene	10.0	10.2	102		78 - 118
Bromobenzene	5.00	5.24	105		75 - 115
Bromochloromethane	5.00	4.79	96		78 - 118
Bromodichloromethane	5.00	4.72	94		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	5.79	116		65 - 117
1,2-Dibromoethane (EDB)	5.00	5.32	106		77 - 117
2-Butanone (MEK)	10.0	8.51	85		57 - 120
Bromoform	5.00	4.35	87		74 - 121
Bromomethane	5.00	3.52	70		42 - 154
n-Butylbenzene	5.00	5.18	104		76 - 117
sec-Butylbenzene	5.00	5.11	102		80 - 120
tert-Butylbenzene	5.00	5.20	104		76 - 116
Carbon disulfide	5.00	3.22	64		56 - 104
Carbon tetrachloride	5.00	4.72	94		80 - 120
Chlorobenzene	5.00	4.92	98		78 - 118
Chlorodibromomethane	5.00	4.81	96		76 - 116
Chloroethane	5.00	3.74	75		51 - 133
2-Chloroethyl vinyl ether	5.00	3.86	77		17 - 150
Chloroform	5.00	4.67	93		78 - 118
Chloromethane	5.00	3.60	72		46 - 142
2-Chlorotoluene	5.00	5.16	103		76 - 116
4-Chlorotoluene	5.00	5.19	104		78 - 118
Dibromomethane	5.00	4.90	98		77 - 117
1,2-Dichlorobenzene	5.00	4.92	98		76 - 116
1,3-Dichlorobenzene	5.00	4.88	98		75 - 115
1,4-Dichlorobenzene	5.00	4.83	97		77 - 117

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7D040000-142C
Matrix:	WATER	**Lab WorkOrder:**	JTAW91AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 08:03
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Dichlorodifluoromethane	5.00	5.04	101		56 - 140
1,1-Dichloroethane	5.00	4.86	97		77 - 117
1,2-Dichloroethane	5.00	5.02	100		74 - 120
1,1-Dichloroethene	5.00	5.08	102		68 - 133
cis-1,2-Dichloroethene	5.00	4.71	94		75 - 115
trans-1,2-Dichloroethene	5.00	4.85	97		80 - 120
1,2-Dichloroethene (total)	10.0	9.57	96		78 - 118
1,2-Dichloropropane	5.00	5.03	101		76 - 116
1,3-Dichloropropane	5.00	5.09	102		75 - 115
2,2-Dichloropropane	5.00	4.98	100		72 - 128
1,1-Dichloropropene	5.00	5.03	101		75 - 115
cis-1,3-Dichloropropene	5.00	4.71	94		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	113	70	127	
2037-26-5	Toluene-d8	118	83	125	
1868-53-7	Dibromofluoromethane	107	77	119	
460-00-4	4-Bromofluorobenzene	113	78	118	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-63A-7AI
Lot/SDG Number:	D7C230305	**MS Lab Sample ID:**	D7C230305-007S
Matrix:	WATER	**MS Lab WorkOrder:**	JRM8R1AD
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:46
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 11:12
MS Sample Aliquot:	0.2 mL	**Instrument ID:**	R1
MS Dilution Factor:	100		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,2-Tetrachloroethane	500	17	D2	460	92	D2	77 - 117
1,1,1-Trichloroethane	500	16	D2	433	87	D2	78 - 118
1,1,2,2-Tetrachloroethane	500	20	D2	423	85	D2	73 - 119
1,1,2-Trichloroethane	500	32	D2	562	112	D2	76 - 116
1,1-Dichloroethane	500	16	D2	426	85	D2	77 - 117
1,1-Dichloroethene	500	14	D2	455	91	D2	68 - 133
1,1-Dichloropropene	500	15	D2	465	93	D2	75 - 115
1,2,3-Trichlorobenzene	500	18	D2	441	88	D2	66 - 123
1,2,3-Trichloropropane	500	27	D2	369	74	D2	72 - 120
1,2,4-Trichlorobenzene	500	32	D2	431	86	D2	73 - 121
1,2,4-Trimethylbenzene	500	14	D2	464	93	D2	77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	500	150	D2	530	106	D2	65 - 117
1,2-Dibromoethane (EDB)	500	18	D2	447	89	D2	77 - 117
1,2-Dichlorobenzene	500	13	D2	435	87	D2	76 - 116
1,2-Dichloroethane	500	13	D2	466	93	D2 M1 R9	74 - 120
1,2-Dichloroethene (total)	1000	15		901	90	D2	78 - 118
1,2-Dichloropropane	500	13	D2	450	90	D2	76 - 116
1,3,5-Trimethylbenzene	500	14	D2	477	95	D2	77 - 117
1,3-Dichlorobenzene	500	16	D2	433	87	D2	75 - 115
1,3-Dichloropropane	500	15	D2	432	86	D2	75 - 115
1,4-Dichlorobenzene	500	16	D2	432	86	D2	77 - 117
2,2-Dichloropropane	500	20	D2	444	89	D2	72 - 128
2-Butanone (MEK)	1000	180	D2	620	62	D2	57 - 120
2-Chloroethyl vinyl ether	500	74		341	68	D2	17 - 150
2-Chlorotoluene	500	17	D2	452	90	D2	76 - 116
2-Hexanone	1000	140	D2	865	86	D2	57 - 121
2-Pentanone	1000	82		833	83	D2	42 - 115
4-Chlorotoluene	500	17	D2	460	92	D2	78 - 118
4-Methyl-2-pentanone	1000	49	D2	900	90	D2	65 - 118
Acetone	1000	190	D2	536	54	D2	48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-63A-7AI
Lot/SDG Number:	D7C230305	**MS Lab Sample ID:**	D7C230305-007S
Matrix:	WATER	**MS Lab WorkOrder:**	JRM8R1AD
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:46
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 11:12
MS Sample Aliquot:	0.2 mL	**Instrument ID:**	R1
MS Dilution Factor:	100		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	500	4300	D2 M2	4550	46	D2 M2	77 - 118
Bromobenzene	500	17	D2	453	91	D2	75 - 115
Bromochloromethane	500	10	D2	451	90	D2	78 - 118
Bromodichloromethane	500	17	D2	425	85	D2	78 - 118
Bromoform	500	19	D2	392	78	D2	74 - 121
Bromomethane	500	21	D2	366	73	D2	42 - 154
Carbon disulfide	500	45	D2	278	56	D2	56 - 104
Carbon tetrachloride	500	19	D2	428	86	D2	80 - 120
Chlorobenzene	500	17	D2	456	91	D2	78 - 118
Chlorodibromomethane	500	17	D2	439	88	D2	76 - 116
Chloroethane	500	41	D2	394	79	D2	51 - 133
Chloroform	500	16	D2	432	86	D2	78 - 118
Chloromethane	500	30	D2	387	77	D2	46 - 142
cis-1,2-Dichloroethene	500	15	D2	448	90	D2	75 - 115
cis-1,3-Dichloropropene	500	16	D2	410	82	D2	76 - 116
Dibromomethane	500	17	D2	434	87	D2	77 - 117
Dichlorodifluoromethane	500	31	D2	427	85	D2	56 - 140
Ethylbenzene	500	910	D2	1390	97	D2	78 - 118
Hexachlorobutadiene	500	12	D2	418	84	D2	73 - 123
Isopropylbenzene	500	19	D2	535	93	D2	71 - 111
m-Xylene & p-Xylene	1000	34		1160	116	D2	78 - 118
Methyl tert-butyl ether	1000	25	D2	1050	77	D2	58 - 116
Methylene chloride	500	32	D2 R4	372	74	D2 R4	71 - 119
n-Butylbenzene	500	14	D2	461	92	D2	76 - 117
n-Propylbenzene	500	16	D2	525	95	D2	76 - 116
Naphthalene	500	200	D2	523	66	D2	62 - 121
o-Xylene	500	19		484	97	D2	77 - 117
p-Isopropyltoluene	500	0.17	D2	437	87	D2	76 - 113
sec-Butylbenzene	500	17	D2	457	86	D2	80 - 120
Styrene	500	17	D2	389	78	D2	77 - 117

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-63A-7AI
Lot/SDG Number:	D7C230305	**MS Lab Sample ID:**	D7C230305-007S
Matrix:	WATER	**MS Lab WorkOrder:**	JRM8R1AD
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:46
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 11:12
MS Sample Aliquot:	0.2 mL	**Instrument ID:**	R1
MS Dilution Factor:	100		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
tert-Butylbenzene	500	16	D2	461	92	D2	76 - 116
Tetrachloroethene	500	20	D2	448	90	D2	77 - 117
Toluene	500	17	D2	453	91	D2	73 - 120
trans-1,2-Dichloroethene	500	15	D2	453	91	D2	80 - 120
trans-1,3-Dichloropropene	500	19	D2	500	100	D2	72 - 117
Trichloroethene	500	16	D2	463	93	D2	78 - 122
Trichlorofluoromethane	500	29	D2	421	84	D2	63 - 135
Vinyl acetate	500	94	D2 M1 L1	529	106	D2 M1 L1	63 - 124
Vinyl chloride	500	17	D2	391	78	D2	49 - 136
Xylenes (total)	1500	19	D2	1640	110	D2	77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	107	70	127	D2
460-00-4	4-Bromofluorobenzene	114	78	118	D2
1868-53-7	Dibromofluoromethane	109	77	119	D2
2037-26-5	Toluene-d8	117	83	125	D2

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-63A-7AI
Lot/SDG Number:	D7C230305	**MSD Lab Sample ID:**	D7C230305-007D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRM8R1AE
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:46
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 11:31
MSD Sample Aliquot:	0.2 mL	**Instrument ID:**	R1
MSD Dilution Factor:	100		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	500	17	D2	493	99	6.8	D2	77 - 117	20
1,1,1-Trichloroethane	500	16	D2	464	93	6.9	D2	78 - 118	20
1,1,2,2-Tetrachloroethane	500	20	D2	492	98	15	D2	73 - 119	20
1,1,2-Trichloroethane	500	32	D2	574	115	2.2	D2	76 - 116	21
1,1-Dichloroethane	500	16	D2	480	96	12	D2	77 - 117	21
1,1-Dichloroethene	500	14	D2	469	94	2.9	D2	68 - 133	20
1,1-Dichloropropene	500	15	D2	511	102	9.5	D2	75 - 115	21
1,2,3-Trichlorobenzene	500	18	D2	497	99	12	D2	66 - 123	29
1,2,3-Trichloropropane	500	27	D2	437	87	17	D2	72 - 120	23
1,2,4-Trichlorobenzene	500	32	D2	495	99	14	D2	73 - 121	25
1,2,4-Trimethylbenzene	500	14	D2	533	107	14	D2	77 - 117	20
1,2-Dibromo-3-chloroprop	500	150	D2	560	112	5.4	D2	65 - 117	22
1,2-Dibromoethane (EDB)	500	18	D2	520	104	15	D2	77 - 117	20
1,2-Dichlorobenzene	500	13	D2	498	100	14	D2	76 - 116	20
1,2-Dichloroethane	500	13	D2	640	128	31	D2 M1 R9	74 - 120	20
1,2-Dichloroethene (total)	1000	15		970	97	7.3	D2	78 - 118	20
1,2-Dichloropropane	500	13	D2	507	101	12	D2	76 - 116	20
1,3,5-Trimethylbenzene	500	14	D2	537	107	12	D2	77 - 117	20
1,3-Dichlorobenzene	500	16	D2	493	99	13	D2	75 - 115	20
1,3-Dichloropropane	500	15	D2	494	99	14	D2	75 - 115	20
1,4-Dichlorobenzene	500	16	D2	480	96	10	D2	77 - 117	23
2,2-Dichloropropane	500	20	D2	476	95	6.9	D2	72 - 128	24
2-Butanone (MEK)	1000	180	D2	699	70	12	D2	57 - 120	32
2-Chloroethyl vinyl ether	500	74		304	61	12	D2	17 - 150	31
2-Chlorotoluene	500	17	D2	513	103	13	D2	76 - 116	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-63A-7AI
Lot/SDG Number:	D7C230305	**MSD Lab Sample ID:**	D7C230305-007D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRM8R1AE
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:46
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 11:31
MSD Sample Aliquot:	0.2 mL	**Instrument ID:**	R1
MSD Dilution Factor:	100		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Hexanone	1000	140	D2	973	97	12	D2	57 - 121	25
2-Pentanone	1000	82		1010	101	19	D2	42 - 115	26
4-Chlorotoluene	500	17	D2	520	104	12	D2	78 - 118	20
4-Methyl-2-pentanone	1000	49	D2	1050	105	16	D2	65 - 118	22
Acetone	1000	190	D2	616	62	14	D2	48 - 130	41
Benzene	500	4300	D2 M2	4680	71	2.7	D2 M2	77 - 118	20
Bromobenzene	500	17	D2	512	102	12	D2	75 - 115	20
Bromochloromethane	500	10	D2	485	97	7.3	D2	78 - 118	20
Bromodichloromethane	500	17	D2	479	96	12	D2	78 - 118	20
Bromoform	500	19	D2	454	91	15	D2	74 - 121	21
Bromomethane	500	21	D2	389	78	6.2	D2	42 - 154	24
Carbon disulfide	500	45	D2	332	66	18	D2	56 - 104	20
Carbon tetrachloride	500	19	D2	460	92	7.0	D2	80 - 120	21
Chlorobenzene	500	17	D2	487	97	6.6	D2	78 - 118	20
Chlorodibromomethane	500	17	D2	482	96	9.4	D2	76 - 116	20
Chloroethane	500	41	D2	411	82	4.1	D2	51 - 133	25
Chloroform	500	16	D2	467	93	7.8	D2	78 - 118	20
Chloromethane	500	30	D2	407	81	4.9	D2	46 - 142	24
cis-1,2-Dichloroethene	500	15	D2	488	98	8.5	D2	75 - 115	20
cis-1,3-Dichloropropene	500	16	D2	455	91	11	D2	76 - 116	20
Dibromomethane	500	17	D2	486	97	11	D2	77 - 117	20
Dichlorodifluoromethane	500	31	D2	452	90	5.6	D2	56 - 140	24
Ethylbenzene	500	910	D2	1410	100	1.2	D2	78 - 118	26
Hexachlorobutadiene	500	12	D2	463	93	10	D2	73 - 123	25
Isopropylbenzene	500	19	D2	564	99	5.2	D2	71 - 111	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-63A-7AI
Lot/SDG Number:	D7C230305	**MSD Lab Sample ID:**	D7C230305-007D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRM8R1AE
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:46
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/03/07 06:55
QC Batch ID:	7094142	**Date/Time Analyzed:**	04/03/07 11:31
MSD Sample Aliquot:	0.2 mL	**Instrument ID:**	R1
MSD Dilution Factor:	100		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
m-Xylene & p-Xylene	1000	34		1170	117	1.2	D2	78 - 118	20
Methyl tert-butyl ether	1000	25	D2	1160	87	9.8	D2	58 - 116	21
Methylene chloride	500	32	D2 R4	478	96	25	D2 R4	71 - 119	20
n-Butylbenzene	500	14	D2	535	107	15	D2 R4	76 - 117	21
n-Propylbenzene	500	16	D2	583	107	10	D2	76 - 116	20
Naphthalene	500	200	D2	602	81	14	D2	62 - 121	32
o-Xylene	500	19		511	102	5.4	D2	77 - 117	20
p-Isopropyltoluene	500	0.17	D2	483	97	10	D2	76 - 113	20
sec-Butylbenzene	500	17	D2	520	99	13	D2	80 - 120	21
Styrene	500	17	D2	416	83	6.7	D2	77 - 117	20
tert-Butylbenzene	500	16	D2	513	103	11	D2	76 - 116	21
Tetrachloroethene	500	20	D2	495	99	10	D2	77 - 117	20
Toluene	500	17	D2	504	101	11	D2	73 - 120	20
trans-1,2-Dichloroethene	500	15	D2	482	96	6.1	D2	80 - 120	24
trans-1,3-Dichloropropene	500	19	D2	559	112	11	D2	72 - 117	20
Trichloroethene	500	16	D2	497	99	7.0	D2	78 - 122	20
Trichlorofluoromethane	500	29	D2	467	93	10	D2	63 - 135	20
Vinyl acetate	500	94	D2 M1 L1	694	139	27	D2 M1 L1	63 - 124	24
Vinyl chloride	500	17	D2	408	82	4.2	D2	49 - 136	24
Xylenes (total)	1500	19	D2	1680	112	2.5	D2	77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	116	70	127	D2
460-00-4	4-Bromofluorobenzene	113	78	118	D2
1868-53-7	Dibromofluoromethane	108	77	119	D2
2037-26-5	Toluene-d8	119	83	125	D2

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	R3528.D
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7D040000-142B
Matrix:	WATER	**Lab Work Order:**	JTAW91AA
Analysis Method:	8260B	**Date/Time Extracted:**	04/03/07 06:55
Extraction Method:	I25QK	**Date/Time Analyzed:**	04/03/07 08:40
QC Batch ID:	7094142	**Instrument ID:**	R1

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-63A-7AI	JRM8R1AA	R3528.D	04/03/07	10:53
ASE-63A-7AI MS	JRM8R1AD S	R3529.D	04/03/07	11:12
ASE-63A-7AI MSD	JRM8R1AE D	R3530.D	04/03/07	11:31
ASE-68A-7A1	JRM9G1AA	R3532.D	04/03/07	12:08
ASE-20A-7A1	JRM9L1AA	R3533.D	04/03/07	12:33
ASE-51A-7A1	JRM9N1AA	R3534.D	04/03/07	12:51
ASE-53A-7A1	JRM9R1AA	R3535.D	04/03/07	13:10
PL-518-7A1	JRNA21AA	R3541.D	04/03/07	15:04
ASE-33A-7A1	JRNA61AA	R3551.D	04/03/07	18:10
ASE-56A-7A1	JRNAR1AA	R3539.D	04/03/07	14:26
ASE-57A-7A1	JRNAW1AA	R3540.D	04/03/07	14:45
ASE-65A-7A1	JRNCJ1AA	R3543.D	04/03/07	15:41
PL-515-7A1	JRNCK1AA	R3544.D	04/03/07	16:00
CHECK SAMPLE	JTAW91AC C	R3519.D	04/03/07	08:03

STL

Semivolatile GC

Lot ID: D7C230305

Client: CH2M Hill

Method: SW846 8015B DRO

Associated Samples: 002 - 007, 010 -017, 019, 020

Batch: 7086095

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-92A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-002
Matrix:	WATER	**Lab WorkOrder:**	JRM771AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 06:21
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/29/07 15:42
Sample Aliquot:	904 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.94**	0.032	0.25		
Q2210	TPH C10-C32	**0.95**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	95	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-517-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-003
Matrix:	WATER	**Lab WorkOrder:**	JRM8A1AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 06:31
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/29/07 16:19
Sample Aliquot:	1029 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.80**	0.032	0.25		
Q2210	TPH C10-C32	**0.81**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	87	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-91A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-004
Matrix:	WATER	**Lab WorkOrder:**	JRM8D1AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 07:57
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/29/07 16:55
Sample Aliquot:	970 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.95**	0.032	0.25		
Q2210	TPH C10-C32	**0.95**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	96	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-55A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-005
Matrix:	WATER	**Lab WorkOrder:**	JRM8K1AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 08:43
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/29/07 17:32
Sample Aliquot:	963 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**1.4**	0.032	0.25		
Q2210	TPH C10-C32	**1.4**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	94	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-64A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-006
Matrix:	WATER	**Lab WorkOrder:**	JRM8N1AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:03
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/29/07 18:09
Sample Aliquot:	983 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.70**	0.032	0.25		
Q2210	TPH C10-C32	**0.70**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	88	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-63A-7AI
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-007
Matrix:	WATER	**Lab WorkOrder:**	JRM8R1AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:46
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/29/07 18:45
Sample Aliquot:	963 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.56**	0.032	0.25		
Q2210	TPH C10-C32	**0.57**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	102	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-68A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-010
Matrix:	WATER	**Lab WorkOrder:**	JRM9G1AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 11:45
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/29/07 19:22
Sample Aliquot:	1051 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.61**	0.032	0.25		
Q2210	TPH C10-C32	**0.62**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	95	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-20A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-011
Matrix:	WATER	**Lab WorkOrder:**	JRM9L1AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 11:07
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/29/07 19:58
Sample Aliquot:	1046 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.52**	0.032	0.25		
Q2210	TPH C10-C32	**0.52**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	100	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-51A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-012
Matrix:	WATER	**Lab WorkOrder:**	JRM9N1AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 10:12
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/29/07 21:48
Sample Aliquot:	1053 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**17**	0.032	0.25		
Q2210	TPH C10-C32	**17**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	105	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-53A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-013
Matrix:	WATER	**Lab WorkOrder:**	JRM9R1AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 08:40
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/29/07 22:24
Sample Aliquot:	1049 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.048**	0.032	0.25	E4	J
Q2210	TPH C10-C32	**0.051**	0.032	0.25	E4	J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50	E8	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	102	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-52A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-014
Matrix:	WATER	**Lab WorkOrder:**	JRM9V1AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/29/07 23:01
Sample Aliquot:	1055 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.81**	0.032	0.25		
Q2210	TPH C10-C32	**0.81**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	105	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-56A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-015
Matrix:	WATER	**Lab WorkOrder:**	JRNAR1AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 12:25
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/30/07 00:51
Sample Aliquot:	1050 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**2.6**	0.032	0.25		
Q2210	TPH C10-C32	**2.6**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	102	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-57A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-016
Matrix:	WATER	**Lab WorkOrder:**	JRNAW1AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 13:07
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/30/07 01:27
Sample Aliquot:	1054 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**8.4**	0.032	0.25		
Q2210	TPH C10-C32	**8.4**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	104	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-518-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-017
Matrix:	WATER	**Lab WorkOrder:**	JRNA21AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 13:17
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/30/07 02:04
Sample Aliquot:	1054 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**8.0**	0.032	0.25		
Q2210	TPH C10-C32	**8.0**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	93	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-65A-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-019
Matrix:	WATER	**Lab WorkOrder:**	JRNCJ1AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 07:10
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/30/07 02:41
Sample Aliquot:	944 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	114	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-515-7A1
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C230305-020
Matrix:	WATER	**Lab WorkOrder:**	JRNCK1AC
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 07:20
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/30/07 03:17
Sample Aliquot:	962 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	ND	0.032	0.25		
Q2210	TPH C10-C32	ND	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	88	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C270000-095B
Matrix:	WATER	**Lab WorkOrder:**	JRRMC1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08:00
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/29/07 14:29
Sample Aliquot:	1000 mL	**Instrument ID:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1767	Diesel Range Organics (C10-C28)	0.032	0.032	0.25	
Q1770	TPH quantitated as Motor Oil(C24-C36)	0.056	0.056	0.50	
Q2210	TPH C10-C32	0.032	0.032	0.25	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	101	48	117	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09KI

Lot/SDG Number: D7C230305 **QC Batch ID:** 7086095

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-92A-7A1	JRM771AC	95								0
PL-517-7AI	JRM8A1AC	87								0
ASE-91A-7AI	JRM8D1AC	96								0
ASE-55A-7AI	JRM8K1AC	94								0
ASE-64A-7AI	JRM8N1AC	88								0
ASE-63A-7AI	JRM8R1AC	102								0
ASE-68A-7A1	JRM9G1AC	95								0
ASE-20A-7A1	JRM9L1AC	100								0
ASE-51A-7A1	JRM9N1AC	105								0
ASE-53A-7A1	JRM9R1AC	102								0
ASE-52A-7A1	JRM9V1AC	105								0
ASE-52A-7A1 MS	JRM9V1AF	84								0
ASE-52A-7A1 MSD	JRM9V1AG	81								0
PL-518-7A1	JRNA21AC	93								0
ASE-56A-7A1	JRNAR1AC	102								0
ASE-57A-7A1	JRNAW1AC	104								0
ASE-65A-7A1	JRNCJ1AC	114								0
PL-515-7A1	JRNCK1AC	88								0
INTRA-LAB BLANK	JRRMC1AA	101								0
CHECK SAMPLE	JRRMC1AC	79								0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	o-Terphenyl	50	115

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C270000-095C
Matrix:	WATER	**Lab WorkOrder:**	JRRMC1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08:00
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/29/07 15:05
Sample Aliquot:	1000 mL	**Instrument ID:**	U
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Diesel Range Organics (C10-C28)	2.00	1.84	92		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	79	50	115	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-52A-7A1
Lot/SDG Number:	D7C230305	**MS Lab Sample ID:**	D7C230305-014S
Matrix:	WATER	**MS Lab WorkOrder:**	JRM9V1AF
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08:00
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/29/07 23:38
MS Sample Aliquot:	1036 mL	**Instrument ID:**	U
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Diesel Range Organics (C10-C28)	1.93	0.81		2.89	108		50 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	84	48	117	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-52A-7A1
Lot/SDG Number:	D7C230305	**MSD Lab Sample ID:**	D7C230305-014D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRM9V1AG
% Moisture:	N/A	**Date/Time Collected:**	03/22/07 09:27
Basis:	Wet	**Date/Time Received:**	03/23/07 08:45
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/28/07 08:00
QC Batch ID:	7086095	**Date/Time Analyzed:**	03/30/07 00:14
MSD Sample Aliquot:	1050 mL	**Instrument ID:**	U
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
Diesel Range Organics (C1	1.90	0.81		2.54	91	13		50 - 115	31

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	81	48	117	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	038B3801.
Lot/SDG Number:	D7C230305	**Lab Sample ID:**	D7C270000-095B
Matrix:	WATER	**Lab Work Order:**	JRRMC1AA
Analysis Method:	8015B	**Date/Time Extracted:**	03/28/07 08:00
Extraction Method:	I09KI	**Date/Time Analyzed:**	03/29/07 14:29
QC Batch ID:	7086095	**Instrument ID:**	U

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-92A-7A1	JRM771AC	038B3801.	03/29/07	15:42
PL-517-7AI	JRM8A1AC	039B3901.	03/29/07	16:19
ASE-91A-7AI	JRM8D1AC	040B4001.	03/29/07	16:55
ASE-55A-7AI	JRM8K1AC	041B4101.	03/29/07	17:32
ASE-64A-7AI	JRM8N1AC	042B4201.	03/29/07	18:09
ASE-63A-7AI	JRM8R1AC	043B4301.	03/29/07	18:45
ASE-68A-7A1	JRM9G1AC	044B4401.	03/29/07	19:22
ASE-20A-7A1	JRM9L1AC	045B4501.	03/29/07	19:58
ASE-51A-7A1	JRM9N1AC	048B4801.	03/29/07	21:48
ASE-53A-7A1	JRM9R1AC	049B4901.	03/29/07	22:24
ASE-52A-7A1	JRM9V1AC	050B5001.	03/29/07	23:01
ASE-52A-7A1 MS	JRM9V1AF S	051B5101.	03/29/07	23:38
ASE-52A-7A1 MSD	JRM9V1AG D	052B5201.	03/30/07	00:14
PL-518-7A1	JRNA21AC	055B5501.	03/30/07	02:04
ASE-56A-7A1	JRNAR1AC	053B5301.	03/30/07	00:51
ASE-57A-7A1	JRNAW1AC	054B5401.	03/30/07	01:27
ASE-65A-7A1	JRNCJ1AC	056B5601.	03/30/07	02:41
PL-515-7A1	JRNCK1AC	057B5701.	03/30/07	03:17
CHECK SAMPLE	JRRMC1AC C	037B3701.	03/29/07	15:05

2.1 3.6 0.1 3.0

3/23/07 FR1

STL Denver

4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC # : 37380_070323B
Page 1 of 1

Lab Use Only
Project No:
Job No.

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: ~~Mike Wiese~~ Rich Ramon
Project Number:
Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐
Normal TAT

Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

	Location ID	Field Sample ID	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS / MSD	Filtered Sample	Unfiltered Sample	SW8015 (DRO/HRO)	SW8260	Lab Sample Numbers
1	Trip Blank	TB-032307B 3.22	Mar 23 2007	0600	BLKWATER	WATER	2	X			X		X	
2	ASE-92A	ASE-92A-7A1	Mar 23 2007	0621	GW	WATER	5	X			X	X	X	
3	FIELDQC	PL-517-7A1	Mar 23 2007	0631	GW	WATER	5	X			X	X	X	
4	ASE-91A	ASE-91A-7A1	Mar 23 2007	0757	GW	WATER	5	X			X	X	X	
5	ASE-55A	ASE-55A-7A1	Mar 23 2007	0843	GW	WATER	5	X			X	X	X	
~~6~~	~~ASE-41A~~	~~ASE-41A-7A1~~	~~Mar 23 2007~~		~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~	
7	ASE-64A	ASE-64A-7A1	Mar 23 2007	1003	GW	WATER	5	X			X	X	X	
8	ASE-63A	ASE-63A-7A1	Mar 23 2007	1046	GW	WATER	5	X			X	X	X	
9	EQUIPBLANK	PL-519-7A1 3.22	Mar 23 2007	1105	BLKWATER	WATER	3	X			X		X	
10														
11	ASE65A	ASE65A-7A1	3.22		GW	WTR	5	X			X	X	X	
12														
13	FIELD QC	PL-515-7A1	3.22		GW	WTR	5	X			X	X	X	
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														

Special Instructions: Standard TAT 10 days.

Relinquished by:	Company:	Date/Time:	Received by:	Company:
	HTA	03/22/07 17:00		Fed Ex
Relinquished by:	Company:	Date/Time:	Received by:	Company:
		3/23/07 0845		STL
Relinquished by:	Company:	Date/Time:	Received by:	Company:

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC # : 37380_070322A
Page 1 of 1
Lab Use Only
Project No:
Job No.

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: Mike Wiese
Project Number:
Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐
Normal TAT

Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

	Sample Identification: Location ID	Sample Identification: Field Sample ID	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS / MSD	Filtered Sample	Unfiltered Sample	SW8015 (GRO/HRO)	SW8260	Lab Sample Numbers
1	TRIP BLANK	TB-032207A	Mar 22 2007	0616	BLKWATER	WATER	2 ~~3~~	X			X		X	
2	ASE-68A	ASE-68A-7A1	Mar 22 2007	1145	GW	WATER	5	X			X	X	X	
3	ASE-20A	ASE-20A-7A1	Mar 22 2007	1107	GW	WATER	5	X			X	X	X	
~~4~~	~~ASE-19A~~	~~ASE-19A-7A1~~	~~Mar 22 2007~~		~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~	~~2 gw~~
5	ASE-51A	ASE-51A-7A1	Mar 22 2007	1012	GW	WATER	5	X			X	X	X	
6	ASE-53A	ASE-53A-7A1	Mar 22 2007	0840	GW	WATER	5	X			X	X	X	
~~7~~	~~ASE-67A~~	~~ASE-67A-7A1~~	~~Mar 22 2007~~		~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~	~~2 gw~~
8	ASE-52A	ASE-52A-7A1	Mar 22 2007	0927	GW	WATER	13 ~~5~~	X	X		X	X	X	
9	ASE-56A	ASE-56A-7A1	Mar 22 2007	1225	GW	WATER	5	X			X	X	X	
10	ASE-57A	ASE-57A-7A1	Mar 22 2007	1307	GW	WATER	5	X			X	X	X	
11	FIELDQC	PL-518-7A1	Mar 22 2007	1317	GW	WATER	5	X			X	X	X	
12	ASE-33A	ASE-33A-7A1	Mar 22 2007	0745	GW	WATER	3	X			X		X	
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														

Special Instructions: Standard TAT 10 days.

Relinquished by:	Company:	Date/Time:	Received by:	Company:
[signature]	HLA	03/22/07 1700		FED EX
		3/23/07 0845	[signature]	STL

STL Denver

Sample Receiving Checklist

Lot #: D7C230305 Date/Time Received: 3.23.07 0845

Company Name & Sampling Site: CH2M Hill Hanford well

PM to Complete This Section: *Yes* *No* *Yes* *No*

Residual chlorine check required: ☐ ☐ Quarantined : ☐ ☐

Quote #: 69074

Special Instructions:

Time Zone:

• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): 4

Temperatures (°C): 2.1 3.6 3.1 3.8

N/A	*Yes*	*No*		*Initials*
☐	☑	☐	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	PS
	☑	☐	2. Chain of custody present? If no, document on CUR.	
	☐	☑	3. Bottles broken and/or are leaking? If yes, document on CUR.	
	☐	☑	4. Multiphasic samples obvious? If yes, document on CUR.	
	☑	☐	5. Proper container & preservatives used? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR.	
☑	☐	☐	6. pH of all samples checked and meet requirements? If no, document on CUR.	
	☑	☐	7. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.	
	☑	☐	8. Did chain of custody agree with labels ID and samples received? If no, document on CUR.	
☐	☑	☐	9. Were VOA samples without headspace? If no, document on CUR.	
☐	☑	☐	10. Were VOA vials preserved? Preservative ☑HCl ☐4±2°C ☐Sodium Thiosulfate ☐ Ascorbic Acid	
	☐	☑	11. Did samples require preservation with sodium thiosulfate?	
☐	☐	☐	12. If yes to #11, did the samples contain residual chlorine? If yes, document on CUR.	
☐	☐	☐	13. Sediment present in dissolved/filtered bottles? If yes, document on CUR.	
☐	☐	☐	14. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☐	☐	15. Receipt date(s) > 48 hours past the collection date(s)? If yes, notify PA/PM.	
	☐	☐	16. Are analyses with short holding times requested?	
	☐	☐	17. Was a quick Turn Around (TAT) requested?	

STL Denver

Sample Receiving Checklist

Lot # D7C230305

Login Checks:

Initials [illegible]

N/A	Yes	No		
	☑	☐	18.	Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.
☑	☐	☐	19.	Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.
	☑	☐	20.	Did the chain of custody includes "received by" and "relinquished" by signatures, dates, and times?
☐	☑	☐	21.	Were special log in instructions read and followed?
☑	☐	☐	22.	Were AFCEE metals logged for refrigerated storage?
	☑	☐	23.	Were tests logged checked against the COC? Which samples were confirmed? (
☑	☐	☐	24.	Was a Rush form completed for quick TAT?
☑	☐	☐	25.	Was a Short Hold form completed for any short holds?
	☐	☑	26.	Is "Strict ICOC" required?
	☐	☑	27.	Were special archiving instructions indicated in the General Comments? If so, what were they?

Labeling and Storage Checks:

Initials RS

☑	☐	☐	28.	Was the subcontract COC signed and sent with samples to bottle prep?
	☑	☐	29.	Were sample labels double-checked by a second person?
☑	☐	☐	30.	Were sample bottles and COC double checked for dissolved/filtered metals by a second person?
	☑	☐	31.	Did the sample ID, Date, and Time from label match what was logged?
☐	☐	☐	32.	Were stickers for special archiving instructions affixed to each box and to the ICOC? See #27
☐	☐	☐	33.	Were AFCEE metals stored refrigerated?
☐	☐	☐	34.	Were "Strict ICOC" copies given to satellite storage areas?

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR).

SEVERN TRENT STL

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ANALYTICAL REPORT

Sky Harbor

Lot #: D7C240164

Daniel Moore

CH2M Hill, Inc
727 North First Street
Suite 400
St Louis, MO 63102

STL DENVER

Karen Kuoppala
Project Manager

April 3, 2007

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	

- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **Chain-of-Custody**

Case Narrative
Lot D7C240164

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted.

The test results presented in this report meet all requirements of NELAC, and any exceptions are noted. This report shall not be reproduced, except in full, without written permission from the laboratory.

Sample Receiving
One sample was received at STL Denver on March 24, 2007. The sample was received in good condition at a temperature of 0.7°C.

GC/MS Volatiles – Method CFR136A 624
The MS/MSD associated with batch 7092417 was performed on a sample from another client and/or lot and exhibited spike and surrogate compound recoveries and RPD values outside of the control limits for multiple compounds. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines.

Quality Control Definitions of Terms

Term	Definition
Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. A LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. An LCSD is a second Laboratory Control Sample.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MSs/MSDs are carried throughout the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.
Sample Duplicate	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative of the precision for other samples in the batch.
Method Detection Limit "MDL"	The method detection limit is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from replicate analyses of low level standards in a typical representative matrix.
Reporting Limit "RL"	The STL reporting limit is normally the lowest level at which measurements become quantitatively meaningful, ie., the quantitation limit, which is approximately three times the MDL. Some projects require RLs that are less than the quantitation limit to achieve particular maximum contaminant levels (MCLs) or relevant and appropriate requirements (ARARs), but RLs cannot be less than the statistically determined MDL.

Quality Control Definitions of Qualifiers

Qualifier	Definition
*	Surrogate or Relative Percent Difference (RPD) is outside control limits.
a	Spiked analyte recovery is outside control limits.
B	Organics: Method blank contamination. The associated method blank contains the target analyte at a reportable level. Inorganics: Estimated result. Result is less than the RL
COL	More than 40% difference between the primary and confirmation detector results. The lower of the two results is reported.
DIL	The concentration is estimated or not reported due to dilution.
E	Estimated result. Result concentration exceeds the calibration range.
G	Inorganics: Elevated reporting limit. The reporting limit is elevated due to matrix interference.
J	Organics: Estimated result. Result is less than RL Inorganics: Method blank contamination. The associated method blank contains the target analyte at a reportable level.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present
N	Spiked analyte recovery is outside stated control limits.
NC	The recovery and/or RPD were not calculated.
ND	The analyte was not detected at the MDL concentration and with a measurable degree of confidence can be said not to be present at or above the RL concentration.
p	Relative percent difference (RPD) is outside stated control limits.
Q	Elevated reporting limit. The reporting limit is elevated due to high analyte levels.
V	General Chemistry: Elevated reporting limit due to limited sample volume.
Wa	Post digestion spike recovery fell between 40-85% due to matrix interference.
Wb	Post digestion spike recovery fell between 115-150% due to matrix interference.
I	Percent recovery is estimated since the results exceeded the calibration range.
T1	A tentatively identified compound that did not generate a spectral match of 80% or greater. Typically called "unknown"
T2	A tentatively identified compound with a spectral match of 80% or better
T3	A tentatively identified compound that was calibrated for by the lab, but not on the client target analyte list.
IC	Diluted due to high inorganic chloride.

Arizona Data Qualifiers
Revision 2.0

Qualifier	Definition
B1	Target analyte detected in method blank at or above the method reporting limit.
B2	Non-target analyte detected in method blank and sample, producing interference.
B3	Target analyte detected in calibration blank at or above the method reporting limit.
B4	Target analyte detected in blank at/above method acceptance criteria.
B5	Target analyte detected in method blank at or above the method reporting limit, but below trigger level or **MCL**.
B6	Target analyte detected in calibration blank at or above the method reporting limit, but below trigger level or **MCL**.
B7	Target analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10x above the concentration found in the method blank.
C1	Confirmatory analysis not performed as required by the method.
C3	Qualitative confirmation performed.
C4	Confirmatory analysis was past holding time.
C5	Confirmatory analysis was past holding time. Original result not confirmed.
C6	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the higher value was reported as there was no obvious chromatographic interference.
C7	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic interference.
D1	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analytes.
D3	Sample dilution required due to insufficient sample.
D4	Minimum reporting level (MRL) adjusted to reflect sample amount received and analyzed.
E1	Concentration estimated. Analyte exceeded calibration range. Reanalysis is not possible due to insufficient sample.
E2	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to sample matrix.
E3	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL).
E5	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL), but not confirmed by alternate analysis.
E6	Concentration estimated. Internal standard recoveries did not meet method acceptance criteria.
E7	Concentration estimated. Internal standard recoveries did not meet lab acceptance criteria.
E8	Analyte reported to MDL per project specifications. Target analyte was not detected in the sample.

Qualifier	Definition
H1	Sample analysis performed past holding time.
H2	Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
H3	Sample was received and analyzed past holding time.
H4	Sample was extracted past required extraction holding time, but analyzed within analysis holding time.
L1	The associated blank spike recovery was above lab acceptance limits.
L2	The associated blank spike recovery was below lab acceptance limits.
L3	The associated blank spike recovery was above method acceptance limits.
L4	The associated blank spike recovery was below method acceptance limits.
M1	Matrix spike recovery was high; the method control sample recovery was acceptable.
M2	Matrix spike recovery was low; the method control sample recovery was acceptable.
M3	The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to spike level. The method control sample recovery was acceptable.
M4	The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
M5	Analyte concentration was determined by the Method of Standard Addition (MSA).
M6	Matrix spike recovery was high. Data reported per ADEQ policy 0154.000.
M7	Matrix spike recovery was low. Data reported per ADEQ policy 0154.000.
Q1	Sample integrity was not maintained. See case narrative.
Q2	Sample received with head space.
Q3	Sample received with improper chemical preservation.
Q4	Sample received and analyzed without chemical preservation.
Q5	Sample received with inadequate chemical preservation, but preserved by the laboratory.
Q6	Sample was received above recommended temperature.
Q7	Sample inadequately dechlorinated.
Q8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
Q9	Insufficient sample received to meet method QC requirements.
Q10	Sample received in inappropriate sample container.
Q11	Sample is heterogeneous. Sample homogeneity could not be readily achieved using routine laboratory practices.

Qualifier	Definition
R1	RPD exceeded the method control limit. See case narrative.
R2	RPD exceeded the laboratory control limit. See case narrative.
R4	MS/MSD RPD exceeded the method control limit. Recovery met acceptance criteria.
R5	MS/MSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R6	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R8	Sample RPD exceeded the method control limit.
R9	Sample RPD exceeded the laboratory control limit.
R10	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic problems.
R11	The RPD calculation for MS/MSD does not provide useful information due to the varying sample weights when Encore samplers/methanol field preserved samples are used.
S1	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits.
S3	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits. No target analytes were detected in the sample.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.
S5	Surrogate recovery was below laboratory acceptance limits, but within method acceptance limits.
S6	Surrogate recovery was below laboratory and method acceptance limits. Re-extraction and/or reanalysis confirm low recovery caused by matrix effect.
S7	Surrogate recovery was below laboratory and method acceptance limits. Unable to confirm matrix effect.
S8	The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The method control sample recovery was acceptable.
S10	Surrogate recovery was above laboratory and method acceptance limits. See case narrative.
S11	Surrogate recovery was high. Data reported per ADEQ policy 0154.000.
S12	Surrogate recovery was low. Data reported per ADEQ policy 0154.000.
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.
V2	CCV recovery was above method acceptance limits. This target analyte was detected in the sample. The sample could not be reanalyzed due to insufficient sample.
V3	CCV recovery was above method acceptance limits. This target analyte was detected in the sample, but the sample was not reanalyzed. See case narrative.
V4	CCV recovery was below method acceptance limits. The sample could not be reanalyzed due to insufficient sample.

Qualifier	Definition
V5	CCV recovery after a group of samples was above acceptance limits. This target analyte was not detected in the sample. Acceptance per EPA Method 8000B.
V6	Data reported from one-point calibration criteria per ADEQ policy 0155.000.
V7	Calibration verification recovery was above the method control limits for this analyte; however the average % difference or % drift for all the analytes met method criteria.
V8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
W1	The % RSD for this compound was above 20%. The average % RSD for all compounds in the calibration met the 20% criteria as specified in EPA Method 8000B.
W2	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA Method 8260B/8270C

EXECUTIVE SUMMARY - Detection Highlights

D7C240164

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TANK-16-7A1 03/23/07 10:40 001				
Benzene	100	5.0	ug/L	CFR136A 624
Ethylbenzene	8.3	5.0	ug/L	CFR136A 624
Trichloroethene	11	5.0	ug/L	CFR136A 624

METHODS SUMMARY

D7C240164

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Purgeables	CFR136A 624	CFR136A 624

References:

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

METHOD / ANALYST SUMMARY

D7C240164

ANALYTICAL METHOD	ANALYST	ANALYST ID
CFR136A 624	Jennifer Hazard	007928

References:

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

SAMPLE SUMMARY

D7C240164

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JRPLH	001	TANK-16-7A1	03/23/07	10:40

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

D7C240164

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	CFR136A 624		7092417	7092229

STL

Volatile GC/MS

Lot ID: D7C240164

Client: CH2M Hill

Method: CFR136A 624

Associated Samples: 001

Batch: 7092417

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TANK-16-7A1
Lot/SDG Number:	D7C240164	**Lab Sample ID:**	D7C240164-001
Matrix:	WATER	**Lab WorkOrder:**	JRPLH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 10:40
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/31/07 17:30
QC Batch ID:	7092417	**Date/Time Analyzed:**	04/01/07 14:09
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-55-6	1,1,1-Trichloroethane	ND	5.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0		
79-00-5	1,1,2-Trichloroethane	ND	5.0		
75-34-3	1,1-Dichloroethane	ND	5.0		
75-35-4	1,1-Dichloroethene	ND	5.0		
95-50-1	1,2-Dichlorobenzene	ND	5.0		
107-06-2	1,2-Dichloroethane	ND	5.0		
78-87-5	1,2-Dichloropropane	ND	5.0		
541-73-1	1,3-Dichlorobenzene	ND	5.0		
106-46-7	1,4-Dichlorobenzene	ND	5.0		
71-43-2	Benzene	**100**	5.0		
75-27-4	Bromodichloromethane	ND	5.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	10		
56-23-5	Carbon tetrachloride	ND	5.0		
108-90-7	Chlorobenzene	ND	5.0		
75-00-3	Chloroethane	ND	10		
67-66-3	Chloroform	ND	5.0		
74-87-3	Chloromethane	ND	10		
156-59-2	cis-1,2-Dichloroethene	ND	5.0		
10061-01-5	cis-1,3-Dichloropropene	ND	5.0		
124-48-1	Dibromochloromethane	ND	5.0		
100-41-4	Ethylbenzene	**8.3**	5.0		
75-09-2	Methylene chloride	ND	5.0		
127-18-4	Tetrachloroethene	ND	5.0		
108-88-3	Toluene	ND	5.0		
156-60-5	trans-1,2-Dichloroethene	ND	5.0		
10061-02-6	trans-1,3-Dichloropropene	ND	5.0		
79-01-6	Trichloroethene	**11**	5.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TANK-16-7A1
Lot/SDG Number:	D7C240164	**Lab Sample ID:**	D7C240164-001
Matrix:	WATER	**Lab WorkOrder:**	JRPLH1AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 10:40
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/31/07 17:30
QC Batch ID:	7092417	**Date/Time Analyzed:**	04/01/07 14:09
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
75-69-4	Trichlorofluoromethane	ND	5.0		
75-01-4	Vinyl chloride	ND	10		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	97	73	122		
2037-26-5	Toluene-d8	104	80	120		
460-00-4	4-Bromofluorobenzene	103	79	119		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240164	**Lab Sample ID:**	D7D020000-417B
Matrix:	WATER	**Lab WorkOrder:**	JR7D21AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/31/07 17:30
QC Batch ID:	7092417	**Date/Time Analyzed:**	03/31/07 20:46
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.66	0.66	5.0	
100-41-4	Ethylbenzene	0.20	0.20	5.0	
75-69-4	Trichlorofluoromethane	0.26	0.26	5.0	
75-09-2	Methylene chloride	0.97	0.97	5.0	
71-43-2	Benzene	0.22	0.22	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.26	0.26	5.0	
127-18-4	Tetrachloroethene	0.30	0.30	5.0	
108-88-3	Toluene	0.27	0.27	5.0	
71-55-6	1,1,1-Trichloroethane	0.35	0.35	5.0	
79-00-5	1,1,2-Trichloroethane	0.62	0.62	5.0	
79-01-6	Trichloroethene	0.30	0.30	5.0	
75-01-4	Vinyl chloride	0.49	0.49	10	
1330-20-7	Xylenes (total)	0.20	0.20	10	
75-27-4	Bromodichloromethane	0.26	0.26	5.0	
75-25-2	Bromoform	0.48	0.48	5.0	
74-83-9	Bromomethane	0.47	0.47	10	
56-23-5	Carbon tetrachloride	0.24	0.24	5.0	
108-90-7	Chlorobenzene	0.24	0.24	5.0	
124-48-1	Dibromochloromethane	0.71	0.71	5.0	
75-00-3	Chloroethane	0.84	0.84	10	
67-66-3	Chloroform	0.40	0.40	5.0	
74-87-3	Chloromethane	0.89	0.89	10	
95-50-1	1,2-Dichlorobenzene	0.50	0.50	5.0	
541-73-1	1,3-Dichlorobenzene	0.55	0.55	5.0	
106-46-7	1,4-Dichlorobenzene	0.56	0.56	5.0	
75-34-3	1,1-Dichloroethane	0.32	0.32	5.0	
107-06-2	1,2-Dichloroethane	0.19	0.19	5.0	
75-35-4	1,1-Dichloroethene	0.44	0.44	5.0	
156-59-2	cis-1,2-Dichloroethene	0.33	0.33	5.0	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240164	**Lab Sample ID:**	D7D020000-417B
Matrix:	WATER	**Lab WorkOrder:**	JR7D21AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/31/07 17:30
QC Batch ID:	7092417	**Date/Time Analyzed:**	03/31/07 20:46
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
156-60-5	trans-1,2-Dichloroethene	0.71	0.71	5.0	
78-87-5	1,2-Dichloropropane	0.36	0.36	5.0	
10061-01-5	cis-1,3-Dichloropropene	0.25	0.25	5.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	91	73	122	
2037-26-5	Toluene-d8	106	80	120	
460-00-4	4-Bromofluorobenzene	101	79	119	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I15DN01

Lot/SDG Number: D7C240164 **QC Batch ID:** 7092417

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
INTRA-LAB BLANK	JR7D21AA	91	101	106						0
CHECK SAMPLE	JR7D21AC	96	107	106						0
TANK-16-7A1	JRPLH1AA	97	103	104						0
LAB MS/MSD MS	JRXR61AU	195 *	85	71 *						2
LAB MS/MSD MSD	JRXR61AV	109	106	102						0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	73	122
SRG 2	4-Bromofluorobenzene	79	119
SRG 3	Toluene-d8	80	120

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240164	**Lab Sample ID:**	D7D020000-417C
Matrix:	WATER	**Lab WorkOrder:**	JR7D21AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/31/07 17:30
QC Batch ID:	7092417	**Date/Time Analyzed:**	03/31/07 20:21
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	20.0	21.3	106		17 - 183
1,3-Dichloropropene (total)	40.0	41.9	105		17 - 183
Acetone	40.0	29.2	73		42 - 170
1,4-Dioxane	1000	936	94		25 - 141
Ethylbenzene	20.0	20.6	103		37 - 162
Trichlorofluoromethane	20.0	19.8	99		17 - 181
Methylene chloride	20.0	19.4	97		10 - 221
Benzene	20.0	17.3	86		37 - 151
1,1,2,2-Tetrachloroethane	20.0	20.6	103		46 - 157
Tetrachloroethene	20.0	20.1	100		64 - 148
Toluene	20.0	23.2	116		47 - 150
1,1,1-Trichloroethane	20.0	19.8	99		52 - 162
1,1,2-Trichloroethane	20.0	21.4	107		52 - 150
Trichloroethene	20.0	20.2	101		71 - 157
Vinyl chloride	20.0	20.7	104		10 - 251
Bromodichloromethane	20.0	19.2	96		35 - 155
Bromoform	20.0	19.8	99		45 - 169
Bromomethane	20.0	19.4	97		10 - 242
Hexane	20.0	21.6	108		69 - 143
Acrolein	200	292	146		39 - 188
Acrylonitrile	200	219	110		48 - 149
Carbon tetrachloride	20.0	18.9	95		70 - 140
Chlorobenzene	20.0	20.5	103		37 - 160
Dibromochloromethane	20.0	20.4	102		53 - 149
Chloroethane	20.0	18.9	94		14 - 230
2-Chloroethyl vinyl ether	20.0	18.3	92		10 - 305
Chloroform	20.0	20.8	104		51 - 138
Chloromethane	20.0	20.6	103		10 - 273
1,2-Dichlorobenzene	20.0	19.6	98		18 - 190

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240164	**Lab Sample ID:**	D7D020000-417C
Matrix:	WATER	**Lab WorkOrder:**	JR7D21AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/31/07 17:30
QC Batch ID:	7092417	**Date/Time Analyzed:**	03/31/07 20:21
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,3-Dichlorobenzene	20.0	19.5	98		59 - 156
1,4-Dichlorobenzene	20.0	19.8	99		18 - 190
1,1-Dichloroethane	20.0	21.6	108		59 - 155
1,2-Dichloroethane	20.0	15.3	77		49 - 155
1,1-Dichloroethene	20.0	20.3	101		10 - 234
trans-1,2-Dichloroethene	20.0	21.0	105		54 - 156
1,2-Dichloropropane	20.0	19.8	99		10 - 210
cis-1,3-Dichloropropene	20.0	20.6	103		10 - 227

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	96	73	122	
2037-26-5	Toluene-d8	106	80	120	
460-00-4	4-Bromofluorobenzene	107	79	119	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240164	**MS Lab Sample ID:**	D7C280350-001S
Matrix:	WATER	**MS Lab WorkOrder:**	JRXR61AU
% Moisture:	N/A	**Date/Time Collected:**	03/28/07 09:15
Basis:	Wet	**Date/Time Received:**	03/28/07 13:35
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/31/07 17:30
QC Batch ID:	7092417	**Date/Time Analyzed:**	04/01/07 01:25
MS Sample Aliquot:	5 mL	**Instrument ID:**	G
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1-Trichloroethane	20.0	0.35		32.0	160		52 - 162
1,1,2,2-Tetrachloroethane	20.0	0.26		19.2	96		46 - 157
1,1,2-Trichloroethane	20.0	0.62		14.3	71		52 - 150
1,1-Dichloroethane	20.0	0.32		32.4	162	M1	59 - 155
1,1-Dichloroethene	20.0	0.44		35.7	179		10 - 234
1,2-Dichlorobenzene	20.0	0.50		16.1	81		18 - 190
1,2-Dichloroethane	20.0	0.19		21.6	108		49 - 155
1,2-Dichloropropane	20.0	0.36		16.1	81		10 - 210
1,3-Dichlorobenzene	20.0	0.55		16.3	81		59 - 156
1,3-Dichloropropene (total)	40.0	0.25		34.5	86		17 - 183
1,4-Dichlorobenzene	20.0	0.56		16.4	82		18 - 190
1,4-Dioxane	1000	69		1150	115		25 - 141
2-Chloroethyl vinyl ether	20.0	1.9		1.9	0.0	M2	10 - 305
Acetone	40.0	3.4		50.3	126		42 - 170
Acrolein	200	15		560	280	M1	39 - 188
Acrylonitrile	200	7.0		390	195	M1	48 - 149
Benzene	20.0	0.22		16.6	83		37 - 151
Bromodichloromethane	20.0	0.26		21.6	108		35 - 155
Bromoform	20.0	0.48		15.3	77		45 - 169
Bromomethane	20.0	0.47		34.4	172		10 - 242
Carbon tetrachloride	20.0	0.24		31.2	156	M1	70 - 140
Chlorobenzene	20.0	0.24		16.9	85		37 - 160
Chloroethane	20.0	0.84		35.0	175		14 - 230
Chloroform	20.0	0.40		33.4	165	M1	51 - 138
Chloromethane	20.0	0.89		37.7	188		10 - 273
cis-1,3-Dichloropropene	20.0	0.25		21.5	107		10 - 227
Dibromochloromethane	20.0	0.71		17.0	85		53 - 149
Ethylbenzene	20.0	0.20		16.9	85		37 - 162
Hexane	20.0	0.50		36.7	184	M1	69 - 143

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240164	**MS Lab Sample ID:**	D7C280350-001S
Matrix:	WATER	**MS Lab WorkOrder:**	JRXR61AU
% Moisture:	N/A	**Date/Time Collected:**	03/28/07 09:15
Basis:	Wet	**Date/Time Received:**	03/28/07 13:35
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/31/07 17:30
QC Batch ID:	7092417	**Date/Time Analyzed:**	04/01/07 01:25
MS Sample Aliquot:	5 mL	**Instrument ID:**	G
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Methylene chloride	20.0	0.97		30.8	149		10 - 221
Tetrachloroethene	20.0	0.30		19.6	98		64 - 148
Toluene	20.0	0.27		13.0	65		47 - 150
trans-1,2-Dichloroethene	20.0	0.71		35.1	175	M1	54 - 156
trans-1,3-Dichloropropene	20.0	0.66		13.0	65		17 - 183
Trichloroethene	20.0	0.30		26.0	130		71 - 157
Trichlorofluoromethane	20.0	0.26		37.5	188	M1	17 - 181
Vinyl chloride	20.0	0.49		38.8	194		10 - 251

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	195	73	122	S1
460-00-4	4-Bromofluorobenzene	85	79	119	
2037-26-5	Toluene-d8	71	80	120	S1

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240164	**MSD Lab Sample ID:**	D7C280350-001D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRXR61AV
% Moisture:	N/A	**Date/Time Collected:**	03/28/07 09:15
Basis:	Wet	**Date/Time Received:**	03/28/07 13:35
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/31/07 17:30
QC Batch ID:	7092417	**Date/Time Analyzed:**	04/01/07 01:50
MSD Sample Aliquot:	5 mL	**Instrument ID:**	G
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1-Trichloroethane	20.0	0.35		17.9	89	57	R5	52 - 162	30
1,1,2,2-Tetrachloroethane	20.0	0.26		19.9	99	3.5		46 - 157	30
1,1,2-Trichloroethane	20.0	0.62		19.0	95	29		52 - 150	30
1,1-Dichloroethane	20.0	0.32		17.9	90	58	R2	59 - 155	30
1,1-Dichloroethene	20.0	0.44		20.1	101	56	R5	10 - 234	30
1,2-Dichlorobenzene	20.0	0.50		16.6	83	2.7		18 - 190	30
1,2-Dichloroethane	20.0	0.19		19.6	98	9.8		49 - 155	30
1,2-Dichloropropane	20.0	0.36		18.2	91	12		10 - 210	30
1,3-Dichlorobenzene	20.0	0.55		16.3	82	0.36		59 - 156	30
1,3-Dichloropropene (total)	40.0	0.25		36.1	90	4.6		17 - 183	30
1,4-Dichlorobenzene	20.0	0.56		16.9	85	3.0		18 - 190	30
1,4-Dioxane	1000	69		1160	116	0.75		25 - 141	20
2-Chloroethyl vinyl ether	20.0	1.9		1.9	0.0	0.0	M2	10 - 305	45
Acetone	40.0	3.4		26.1	65	63	R5	42 - 170	20
Acrolein	200	15		312	156	57	R2	39 - 188	30
Acrylonitrile	200	7.0		220	110	56	R2	48 - 149	30
Benzene	20.0	0.22		20.6	103	22		37 - 151	30
Bromodichloromethane	20.0	0.26		17.4	87	21		35 - 155	30
Bromoform	20.0	0.48		18.6	93	19		45 - 169	30
Bromomethane	20.0	0.47		18.5	93	60	R5	10 - 242	30
Carbon tetrachloride	20.0	0.24		18.5	92	51	R2	70 - 140	30
Chlorobenzene	20.0	0.24		17.5	87	3.2		37 - 160	30
Chloroethane	20.0	0.84		18.9	94	60	R5	14 - 230	30
Chloroform	20.0	0.40		17.5	85	63	R2	51 - 138	30
Chloromethane	20.0	0.89		20.0	100	62	R5	10 - 273	30

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240164	**MSD Lab Sample ID:**	D7C280350-001D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRXR61AV
% Moisture:	N/A	**Date/Time Collected:**	03/28/07 09:15
Basis:	Wet	**Date/Time Received:**	03/28/07 13:35
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	03/31/07 17:30
QC Batch ID:	7092417	**Date/Time Analyzed:**	04/01/07 01:50
MSD Sample Aliquot:	5 mL	**Instrument ID:**	G
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
cis-1,3-Dichloropropene	20.0	0.25		17.9	90	18		10 - 227	30
Dibromochloromethane	20.0	0.71		17.5	88	3.3		53 - 149	30
Ethylbenzene	20.0	0.20		17.1	85	0.87		37 - 162	30
Hexane	20.0	0.50		17.8	89	70	R2	69 - 143	20
Methylene chloride	20.0	0.97		16.2	76	62	R5	10 - 221	30
Tetrachloroethene	20.0	0.30		18.2	91	7.5		64 - 148	30
Toluene	20.0	0.27		18.4	92	34	R5	47 - 150	30
trans-1,2-Dichloroethene	20.0	0.71		19.0	95	59	R2	54 - 156	30
trans-1,3-Dichloropropene	20.0	0.66		18.2	91	33	R5	17 - 183	30
Trichloroethene	20.0	0.30		18.1	91	36	R5	71 - 157	30
Trichlorofluoromethane	20.0	0.26		20.0	100	61	R2	17 - 181	30
Vinyl chloride	20.0	0.49		21.3	106	58	R5	10 - 251	30

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	109	73	122	
460-00-4	4-Bromofluorobenzene	106	79	119	
2037-26-5	Toluene-d8	102	80	120	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	G5232S.D
Lot/SDG Number:	D7C240164	**Lab Sample ID:**	D7D020000-417B
Matrix:	WATER	**Lab Work Order:**	JR7D21AA
Analysis Method:	624	**Date/Time Extracted:**	03/31/07 17:30
Extraction Method:	I15DN01	**Date/Time Analyzed:**	03/31/07 20:46
QC Batch ID:	7092417	**Instrument ID:**	G

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
CHECK SAMPLE	JR7D21AC C	G5232S.D	03/31/07	20:21
TANK-16-7A1	JRPLH1AA	G5263.D	04/01/07	14:09
LAB MS/MSD MS	JRXR61AU S	G5244.D	04/01/07	01:25
LAB MS/MSD MSD	JRXR61AV D	G5245.D	04/01/07	01:50

0.7 oc
M
3-24-07

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC # : 37380 ~~070316A~~
Page 1 of 1
Lab Use Only
Project No: (SDG)
Job No.

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: Mike Wiese
Project Number:
Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐
72W TAT

Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

	Sample Identification: Location ID	Sample Identification: Field Sample ID	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS / MSD	Filtered Sample	Unfiltered Sample	SW8260	E624	Lab Sample Numbers
1	~~Trip Blank~~	~~TB-031607A~~	~~Mar 16 2007~~		~~BLKWATER~~	~~WATER~~	~~3~~	~~X~~			~~X~~	~~X~~		
2	~~ASE-79C~~	~~ASE-79C-7A1~~	~~Mar 16 2007~~		~~GW~~	~~WATER~~	~~3~~	~~X~~	~~X~~		~~X~~	~~X~~		
3	~~PL-103C~~	~~PL-103C-7A1~~	~~Mar 16 2007~~		~~GW~~	~~WATER~~	~~3~~	~~X~~			~~X~~	~~X~~		
4	~~PL-103A~~	~~PL-103A-7A1~~	~~Mar 16 2007~~		~~GW~~	~~WATER~~	~~3~~	~~X~~			~~X~~	~~X~~		
5	~~ASE-29A~~	~~ASE-29A-7A1~~	~~Mar 16 2007~~		~~GW~~	~~WATER~~	~~3~~	~~X~~			~~X~~	~~X~~		
6	~~BC-12~~	~~BC-12-7A1~~	~~Mar 16 2007~~		~~GW~~	~~WATER~~	~~3~~	~~X~~			~~X~~	~~X~~		
7	~~ASE-71A~~	~~ASE-71A-7A1~~	~~Mar 16 2007~~		~~GW~~	~~WATER~~	~~3~~	~~X~~			~~X~~	~~X~~		
8	~~ASE-71B~~	~~ASE-71B-7A1~~	~~Mar 16 2007~~		~~GW~~	~~WATER~~	~~3~~	~~X~~			~~X~~	~~X~~		
9	~~ASE-33A~~	~~ASE-33A-7A1~~	~~Mar 16 2007~~		~~GW~~	~~WATER~~	~~3~~	~~X~~			~~X~~	~~X~~		
10														
11														
12	Tank Sample	TANK-16-7A1	03/23/07	1040	GW	WASTE	3	X			X		X	
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														

Special Instructions: ~~Standard TAT 10 days~~.
72W TAT
Accompanied by TB-032307A Waste Characterization Sample

Relinquished by:	Company:	Date/Time:	Received by:	Company:
MJW	HtA	03/23/07 1430	[signature]	SiZ Fed Ex
		3/24/07 0880	[signature]	

STL Denver

Sample Receiving Checklist

Lot #: D7C240164 Date/Time Received: 3-24-07 0030

Company Name & Sampling Site: Chem Hill

PM to Complete This Section: *Yes* *No* *Yes* *No*

Residual chlorine check required: ☐ ☐ Quarantined : ☐ ☐

Quote #: 68074

Special Instructions:

Time Zone:

• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): 1

Temperatures (°C): 0.7

N/A	*Yes*	*No*		*Initials*
☐	☑	☐	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	[illegible]
	☑	☐	2. Chain of custody present? If no, document on CUR.	
	☐	☑	3. Bottles broken and/or are leaking? If yes, document on CUR.	
	☐	☑	4. Multiphasic samples obvious? If yes, document on CUR.	
	☑	☐	5. Proper container & preservatives used? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR.	
☑	☐	☐	6. pH of all samples checked and meet requirements? If no, document on CUR.	
	☑	☐	7. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.	
	☑	☐	8. Did chain of custody agree with labels ID and samples received? If no, document on CUR.	
☐	☑	☐	9. Were VOA samples without headspace? If no, document on CUR.	
☐	☑	☐	10. Were VOA vials preserved? Preservative ☑HCl ☐4±2°C ☐Sodium Thiosulfate ☐ Ascorbic Acid	
	☐	☑	11. Did samples require preservation with sodium thiosulfate?	
☑	☐	☐	12. If yes to #11, did the samples contain residual chlorine? If yes, document on CUR.	
☑	☐	☐	13. Sediment present in dissolved/filtered bottles? If yes, document on CUR.	
☑	☐	☐	14. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☐	☑	15. Receipt date(s) > 48 hours past the collection date(s)? If yes, notify PA/PM.	
	☐	☑	16. Are analyses with short holding times requested?	
	☑	☐	17. Was a quick Turn Around (TAT) requested?	

STL Denver

Sample Receiving Checklist

Lot # D7C240164

Login Checks:

Initials MH

N/A	Yes	No		
	☑	☐	18.	Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.
☑	☐	☐	19.	Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.
	☑	☐	20.	Did the chain of custody includes "received by" and "relinquished" by signatures, dates, and times?
☐	☑	☐	21.	Were special log in instructions read and followed?
☑	☐	☐	22.	Were AFCEE metals logged for refrigerated storage?
	☑	☐	23.	Were tests logged checked against the COC? Which samples were confirmed? ___/___
☐	☑	☐	24.	Was a Rush form completed for quick TAT?
☑	☐	☐	25.	Was a Short Hold form completed for any short holds?
	☐	☑	26.	Is "Strict ICOC" required?
	☐	☑	27.	Were special archiving instructions indicated in the General Comments? If so, what were they?

_____

Labeling and Storage Checks:

Initials [illegible]

☑	☐	☐	28.	Was the subcontract COC signed and sent with samples to bottle prep?
	☑	☐	29.	Were sample labels double-checked by a second person?
☑	☐	☐	30.	Were sample bottles and COC double checked for dissolved/filtered metals by a second person?
	☑	☐	31.	Did the sample ID, Date, and Time from label match what was logged?
☑	☐	☐	32.	Were stickers for special archiving instructions affixed to each box and to the ICOC? See #27
☑	☐	☐	33.	Were AFCEE metals stored refrigerated?
☑	☐	☐	34.	Were "Strict ICOC" copies given to satellite storage areas?

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR).

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Honeywell GW Program

Lot #: D7C240165

Daniel Moore

CH2M Hill, Inc
727 North First Street
Suite 400
St Louis, MO 63102

STL DENVER

Karen Kuoppala
Project Manager

April 24, 2007

Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	

- **Table of Contents**
- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **QC by Method**
- **Chain-of-Custody**

Case Narrative
Lot D7C240165

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted.

The test results presented in this report meet all requirements of NELAC, and any exceptions are noted. This report shall not be reproduced, except in full, without written permission from the laboratory.

Sample Receiving
Seven samples and one trip blank were received at STL Denver on March 24, 2007. The samples were received in good condition at temperatures of 0.7°C and 2.3°C.

GCMS Volatiles – SW846 8260B
Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to analytes present above the linear calibration range, samples D7C240165-002 through 005, 007, and 008 were analyzed at a dilution. The reporting limits have been adjusted relative to the dilution required. Associated results have been flagged "D2" as per the Arizona DHS.

The LCS associated with batches 7095038 and 7096300 exhibited a percent recovery above the QC limit for vinyl acetate. This is an indicator that data may be biased high. As no detectable concentrations of this compound are present in the associated samples, corrective action is deemed unnecessary. Associated results have been flagged "L1" as per the Arizona DHS.

The MS/MSD associated with batches 7095038 and 7096300 was performed on a sample from another lot and/or client and exhibited spike compound recoveries and relative percent differences outside the control limits for multiple compounds. Associated results were not flagged since the parent samples were not associated to this lot.

GC Semivolatiles Diesel Range Organics – SW846 8015B
The requested carbon ranges for DRO include the range from C10 to C32. The summation of C10 to C28 and C24 to C36 were used to calculate the reported results for C10 to C32.

A MS/MSD was not requested with the samples submitted in this lot.

Quality Control Definitions of Terms

Term	Definition
Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. A LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. An LCSD is a second Laboratory Control Sample.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MSs/MSDs are carried throughout the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.
Sample Duplicate	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative of the precision for other samples in the batch.
Method Detection Limit "MDL"	The method detection limit is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from replicate analyses of low level standards in a typical representative matrix.
Reporting Limit "RL"	The STL reporting limit is normally the lowest level at which measurements become quantitatively meaningful, ie., the quantitation limit, which is approximately three times the MDL. Some projects require RLs that are less than the quantitation limit to achieve particular maximum contaminant levels (MCLs) or relevant and appropriate requirements (ARARs), but RLs cannot be less than the statistically determined MDL.

Quality Control Definitions of Qualifiers

Qualifier	Definition
*	Surrogate or Relative Percent Difference (RPD) is outside control limits.
a	Spiked analyte recovery is outside control limits.
B	Organics: Method blank contamination. The associated method blank contains the target analyte at a reportable level. Inorganics: Estimated result. Result is less than the RL
COL	More than 40% difference between the primary and confirmation detector results. The lower of the two results is reported.
DIL	The concentration is estimated or not reported due to dilution.
E	Estimated result. Result concentration exceeds the calibration range.
G	Inorganics: Elevated reporting limit. The reporting limit is elevated due to matrix interference.
J	Organics: Estimated result. Result is less than RL Inorganics: Method blank contamination. The associated method blank contains the target analyte at a reportable level.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present
N	Spiked analyte recovery is outside stated control limits.
NC	The recovery and/or RPD were not calculated.
ND	The analyte was not detected at the MDL concentration and with a measurable degree of confidence can be said not to be present at or above the RL concentration.
p	Relative percent difference (RPD) is outside stated control limits.
Q	Elevated reporting limit. The reporting limit is elevated due to high analyte levels.
V	General Chemistry: Elevated reporting limit due to limited sample volume.
Wa	Post digestion spike recovery fell between 40-85% due to matrix interference.
Wb	Post digestion spike recovery fell between 115-150% due to matrix interference.
I	Percent recovery is estimated since the results exceeded the calibration range.
T1	A tentatively identified compound that did not generate a spectral match of 80% or greater. Typically called "unknown"
T2	A tentatively identified compound with a spectral match of 80% or better
T3	A tentatively identified compound that was calibrated for by the lab, but not on the client target analyte list.
IC	Diluted due to high inorganic chloride.

Arizona Data Qualifiers
Revision 2.0

Qualifier	Definition
B1	Target analyte detected in method blank at or above the method reporting limit.
B2	Non-target analyte detected in method blank and sample, producing interference.
B3	Target analyte detected in calibration blank at or above the method reporting limit.
B4	Target analyte detected in blank at/above method acceptance criteria.
B5	Target analyte detected in method blank at or above the method reporting limit, but below trigger level or **MCL**.
B6	Target analyte detected in calibration blank at or above the method reporting limit, but below trigger level or **MCL**.
B7	Target analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10x above the concentration found in the method blank.
C1	Confirmatory analysis not performed as required by the method.
C3	Qualitative confirmation performed.
C4	Confirmatory analysis was past holding time.
C5	Confirmatory analysis was past holding time. Original result not confirmed.
C6	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the higher value was reported as there was no obvious chromatographic interference.
C7	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic interference.
D1	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analytes.
D3	Sample dilution required due to insufficient sample.
D4	Minimum reporting level (MRL) adjusted to reflect sample amount received and analyzed.
E1	Concentration estimated. Analyte exceeded calibration range. Reanalysis is not possible due to insufficient sample.
E2	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to sample matrix.
E3	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL).
E5	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL), but not confirmed by alternate analysis.
E6	Concentration estimated. Internal standard recoveries did not meet method acceptance criteria.
E7	Concentration estimated. Internal standard recoveries did not meet lab acceptance criteria.
E8	Analyte reported to MDL per project specifications. Target analyte was not detected in the sample.

Qualifier	Definition
H1	Sample analysis performed past holding time.
H2	Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
H3	Sample was received and analyzed past holding time.
H4	Sample was extracted past required extraction holding time, but analyzed within analysis holding time.
L1	The associated blank spike recovery was above lab acceptance limits.
L2	The associated blank spike recovery was below lab acceptance limits.
L3	The associated blank spike recovery was above method acceptance limits.
L4	The associated blank spike recovery was below method acceptance limits.
M1	Matrix spike recovery was high; the method control sample recovery was acceptable.
M2	Matrix spike recovery was low; the method control sample recovery was acceptable.
M3	The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to spike level. The method control sample recovery was acceptable.
M4	The analysis of the spiked sample required a dilution such that the spike concentration was diluted below the reporting limit. The method control sample recovery was acceptable.
M5	Analyte concentration was determined by the Method of Standard Addition (MSA).
M6	Matrix spike recovery was high. Data reported per ADEQ policy 0154.000.
M7	Matrix spike recovery was low. Data reported per ADEQ policy 0154.000.
Q1	Sample integrity was not maintained. See case narrative.
Q2	Sample received with head space.
Q3	Sample received with improper chemical preservation.
Q4	Sample received and analyzed without chemical preservation.
Q5	Sample received with inadequate chemical preservation, but preserved by the laboratory.
Q6	Sample was received above recommended temperature.
Q7	Sample inadequately dechlorinated.
Q8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
Q9	Insufficient sample received to meet method QC requirements.
Q10	Sample received in inappropriate sample container.
Q11	Sample is heterogeneous. Sample homogeneity could not be readily achieved using routine laboratory practices.

Qualifier	Definition
R1	RPD exceeded the method control limit. See case narrative.
R2	RPD exceeded the laboratory control limit. See case narrative.
R4	MS/MSD RPD exceeded the method control limit. Recovery met acceptance criteria.
R5	MS/MSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R6	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R8	Sample RPD exceeded the method control limit.
R9	Sample RPD exceeded the laboratory control limit.
R10	Sample RPD between the primary and confirmatory analysis exceeded 40%. Per EPA Method 8000B, the lower value was reported due to apparent chromatographic problems.
R11	The RPD calculation for MS/MSD does not provide useful information due to the varying sample weights when Encore samplers/methanol field preserved samples are used.
S1	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits.
S3	Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits. No target analytes were detected in the sample.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.
S5	Surrogate recovery was below laboratory acceptance limits, but within method acceptance limits.
S6	Surrogate recovery was below laboratory and method acceptance limits. Re-extraction and/or reanalysis confirm low recovery caused by matrix effect.
S7	Surrogate recovery was below laboratory and method acceptance limits. Unable to confirm matrix effect.
S8	The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The method control sample recovery was acceptable.
S10	Surrogate recovery was above laboratory and method acceptance limits. See case narrative.
S11	Surrogate recovery was high. Data reported per ADEQ policy 0154.000.
S12	Surrogate recovery was low. Data reported per ADEQ policy 0154.000.
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.
V2	CCV recovery was above method acceptance limits. This target analyte was detected in the sample. The sample could not be reanalyzed due to insufficient sample.
V3	CCV recovery was above method acceptance limits. This target analyte was detected in the sample, but the sample was not reanalyzed. See case narrative.
V4	CCV recovery was below method acceptance limits. The sample could not be reanalyzed due to insufficient sample.

Qualifier	Definition
V5	CCV recovery after a group of samples was above acceptance limits. This target analyte was not detected in the sample. Acceptance per EPA Method 8000B.
V6	Data reported from one-point calibration criteria per ADEQ policy 0155.000.
V7	Calibration verification recovery was above the method control limits for this analyte; however the average % difference or % drift for all the analytes met method criteria.
V8	Insufficient sample received to meet method QC requirements. Batch QC requirements satisfy ADEQ policies 0154 and 0155.
W1	The % RSD for this compound was above 20%. The average % RSD for all compounds in the calibration met the 20% criteria as specified in EPA Method 8000B.
W2	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA Method 8260B/8270C

EXECUTIVE SUMMARY - Detection Highlights

D7C240165

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PL-101A-7AI 03/23/07 06:40 002				
Diesel Range Organics (C10-C28)	0.70	0.25	mg/L	SW846 8015B
TPH C10-C32	0.71	0.25	mg/L	SW846 8015B
Benzene	170	10	ug/L	SW846 8260B
Ethylbenzene	150	20	ug/L	SW846 8260B
Isopropylbenzene	49	20	ug/L	SW846 8260B
n-Propylbenzene	39	20	ug/L	SW846 8260B
Naphthalene	160	20	ug/L	SW846 8260B
ASE-38A-7AI 03/23/07 07:31 003				
Diesel Range Organics (C10-C28)	0.39	0.25	mg/L	SW846 8015B
TPH C10-C32	0.39	0.25	mg/L	SW846 8015B
Benzene	820	40	ug/L	SW846 8260B
Ethylbenzene	200	80	ug/L	SW846 8260B
Naphthalene	96	80	ug/L	SW846 8260B
ASE-39A-7AI 03/23/07 08:23 004				
Diesel Range Organics (C10-C28)	0.40	0.25	mg/L	SW846 8015B
TPH C10-C32	0.40	0.25	mg/L	SW846 8015B
Benzene	1100	50	ug/L	SW846 8260B
Ethylbenzene	230	100	ug/L	SW846 8260B
Methyl tert-butyl ether	450	250	ug/L	SW846 8260B
Naphthalene	110	100	ug/L	SW846 8260B
ASE-116A-7AI 03/23/07 09:15 005				
Diesel Range Organics (C10-C28)	0.16 J	0.25	mg/L	SW846 8015B
TPH C10-C32	0.17 J	0.25	mg/L	SW846 8015B
Benzene	1700	33	ug/L	SW846 8260B
Ethylbenzene	810	67	ug/L	SW846 8260B
Isopropylbenzene	210	67	ug/L	SW846 8260B
n-Propylbenzene	170	67	ug/L	SW846 8260B
Methyl tert-butyl ether	300	170	ug/L	SW846 8260B
Naphthalene	500	67	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7C240165

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-115A-7A1 03/23/07 10:01 007				
Diesel Range Organics (C10-C28)	0.95	0.25	mg/L	SW846 8015B
TPH C10-C32	0.96	0.25	mg/L	SW846 8015B
Benzene	4100	200	ug/L	SW846 8260B
Ethylbenzene	610	400	ug/L	SW846 8260B
PL-516-7A1 03/23/07 10:11 008				
Diesel Range Organics (C10-C28)	1.2	0.25	mg/L	SW846 8015B
TPH C10-C32	1.2	0.25	mg/L	SW846 8015B
Benzene	4100	200	ug/L	SW846 8260B
Ethylbenzene	630	400	ug/L	SW846 8260B

METHODS SUMMARY

D7C240165

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3510
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7C240165

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 8015B	Heather Dybas	038161
SW846 8260B	Greg Meier	006004

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7C240165

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JRPLN	001	TB-032307A	03/23/07	06:16
JRPLR	002	PL-101A-7AI	03/23/07	06:40
JRPLW	003	ASE-38A-7AI	03/23/07	07:31
JRPLX	004	ASE-39A-7AI	03/23/07	08:23
JRPL0	005	ASE-116A-7AI	03/23/07	09:15
JRPL1	006	PL-520-7AI	03/23/07	09:32
JRPL2	007	ASE-115A-7A1	03/23/07	10:01
JRPL4	008	PL-516-7A1	03/23/07	10:11

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

D7C240165

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		7095038	7095034
002	WATER	SW846 8015B		7086097	
	WATER	SW846 8260B		7096300	7097071
003	WATER	SW846 8015B		7086097	
	WATER	SW846 8260B		7095038	7095034
004	WATER	SW846 8015B		7086097	
	WATER	SW846 8260B		7095038	7095034
005	WATER	SW846 8015B		7086097	
	WATER	SW846 8260B		7096300	7097071
006	WATER	SW846 8260B		7095038	7095034
007	WATER	SW846 8015B		7086097	
	WATER	SW846 8260B		7095038	7095034
008	WATER	SW846 8015B		7086097	
	WATER	SW846 8260B		7095038	7095034

STL

Volatile GC/MS

Lot ID: D7C240165

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 001, 003, 004, 006, 007, 008

Batch: 7095038

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-032307A
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-001
Matrix:	WATER	**Lab WorkOrder:**	JRPLN1AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 06:16
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 15:02
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-032307A
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-001
Matrix:	WATER	**Lab WorkOrder:**	JRPLN1AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 06:16
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 15:02
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-032307A
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-001
Matrix:	WATER	**Lab WorkOrder:**	JRPLN1AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 06:16
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 15:02
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	L1	
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	115	70	127		
2037-26-5	Toluene-d8	115	83	125		
1868-53-7	Dibromofluoromethane	106	77	119		
460-00-4	4-Bromofluorobenzene	108	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-38A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-003
Matrix:	WATER	**Lab WorkOrder:**	JRPLW1AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 07:31
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 15:39
Sample Aliquot:	0.5 mL	**Instrument ID:**	R1
Dilution Factor:	40		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	200	D2	
71-55-6	1,1,1-Trichloroethane	ND	80	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	40	D2	
79-00-5	1,1,2-Trichloroethane	ND	40	D2	
75-34-3	1,1-Dichloroethane	ND	80	D2	
75-35-4	1,1-Dichloroethene	ND	80	D2	
563-58-6	1,1-Dichloropropene	ND	80	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	200	D2	
96-18-4	1,2,3-Trichloropropane	ND	400	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	200	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	80	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	200	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	80	D2	
95-50-1	1,2-Dichlorobenzene	ND	40	D2	
107-06-2	1,2-Dichloroethane	ND	40	D2	
78-87-5	1,2-Dichloropropane	ND	80	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	80	D2	
541-73-1	1,3-Dichlorobenzene	ND	40	D2	
142-28-9	1,3-Dichloropropane	ND	80	D2	
106-46-7	1,4-Dichlorobenzene	ND	40	D2	
594-20-7	2,2-Dichloropropane	ND	80	D2	
78-93-3	2-Butanone (MEK)	ND	400	D2	
95-49-8	2-Chlorotoluene	ND	200	D2	
591-78-6	2-Hexanone	ND	400	D2	
106-43-4	4-Chlorotoluene	ND	200	D2	
108-10-1	4-Methyl-2-pentanone	ND	400	D2	
67-64-1	Acetone	ND	800	D2	
71-43-2	Benzene	**820**	40	D2	
108-86-1	Bromobenzene	ND	200	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-38A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-003
Matrix:	WATER	**Lab WorkOrder:**	JRPLW1AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 07:31
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 15:39
Sample Aliquot:	0.5 mL	**Instrument ID:**	R1
Dilution Factor:	40		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	200	D2	
75-27-4	Bromodichloromethane	ND	40	D2	
75-25-2	Bromoform	ND	200	D2	
74-83-9	Bromomethane	ND	200	D2	
75-15-0	Carbon disulfide	ND	200	D2	
56-23-5	Carbon tetrachloride	ND	80	D2	
108-90-7	Chlorobenzene	ND	40	D2	
124-48-1	Chlorodibromomethane	ND	80	D2	
75-00-3	Chloroethane	ND	200	D2	
67-66-3	Chloroform	ND	80	D2	
74-87-3	Chloromethane	ND	200	D2	
156-59-2	cis-1,2-Dichloroethene	ND	80	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	80	D2	
74-95-3	Dibromomethane	ND	80	D2	
75-71-8	Dichlorodifluoromethane	ND	200	D2	
100-41-4	Ethylbenzene	**200**	80	D2	
87-68-3	Hexachlorobutadiene	ND	200	D2	
74-88-4	Iodomethane	ND	400	D2	
98-82-8	Isopropylbenzene	ND	80	D2	
1634-04-4	Methyl tert-butyl ether	ND	200	D2	
75-09-2	Methylene chloride	ND	200	D2	
91-20-3	Naphthalene	**96**	80	D2	
104-51-8	n-Butylbenzene	ND	200	D2	
103-65-1	n-Propylbenzene	ND	80	D2	
99-87-6	p-Isopropyltoluene	ND	80	D2	
135-98-8	sec-Butylbenzene	ND	200	D2	
100-42-5	Styrene	ND	80	D2	
98-06-6	tert-Butylbenzene	ND	200	D2	
127-18-4	Tetrachloroethene	ND	40	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-38A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-003
Matrix:	WATER	**Lab WorkOrder:**	JRPLW1AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 07:31
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 15:39
Sample Aliquot:	0.5 mL	**Instrument ID:**	R1
Dilution Factor:	40		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	80	D2	
156-60-5	trans-1,2-Dichloroethene	ND	80	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	80	D2	
79-01-6	Trichloroethene	ND	40	D2	
75-69-4	Trichlorofluoromethane	ND	200	D2	
108-05-4	Vinyl acetate	ND	1000	D2 L1	
75-01-4	Vinyl chloride	ND	40	D2	
1330-20-7	Xylenes (total)	ND	400	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	119	70	127	D2	
2037-26-5	Toluene-d8	113	83	125	D2	
1868-53-7	Dibromofluoromethane	108	77	119	D2	
460-00-4	4-Bromofluorobenzene	110	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-39A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-004
Matrix:	WATER	**Lab WorkOrder:**	JRPLX1AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 08:23
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 15:57
Sample Aliquot:	0.4 mL	**Instrument ID:**	R1
Dilution Factor:	50		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	D2	
71-55-6	1,1,1-Trichloroethane	ND	100	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	D2	
79-00-5	1,1,2-Trichloroethane	ND	50	D2	
75-34-3	1,1-Dichloroethane	ND	100	D2	
75-35-4	1,1-Dichloroethene	ND	100	D2	
563-58-6	1,1-Dichloropropene	ND	100	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	250	D2	
96-18-4	1,2,3-Trichloropropane	ND	500	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	250	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	100	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	250	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	100	D2	
95-50-1	1,2-Dichlorobenzene	ND	50	D2	
107-06-2	1,2-Dichloroethane	ND	50	D2	
78-87-5	1,2-Dichloropropane	ND	100	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	100	D2	
541-73-1	1,3-Dichlorobenzene	ND	50	D2	
142-28-9	1,3-Dichloropropane	ND	100	D2	
106-46-7	1,4-Dichlorobenzene	ND	50	D2	
594-20-7	2,2-Dichloropropane	ND	100	D2	
78-93-3	2-Butanone (MEK)	ND	500	D2	
95-49-8	2-Chlorotoluene	ND	250	D2	
591-78-6	2-Hexanone	ND	500	D2	
106-43-4	4-Chlorotoluene	ND	250	D2	
108-10-1	4-Methyl-2-pentanone	ND	500	D2	
67-64-1	Acetone	ND	1000	D2	
71-43-2	Benzene	**1100**	50	D2	
108-86-1	Bromobenzene	ND	250	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-39A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-004
Matrix:	WATER	**Lab WorkOrder:**	JRPLX1AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 08:23
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 15:57
Sample Aliquot:	0.4 mL	**Instrument ID:**	R1
Dilution Factor:	50		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	250	D2	
75-27-4	Bromodichloromethane	ND	50	D2	
75-25-2	Bromoform	ND	250	D2	
74-83-9	Bromomethane	ND	250	D2	
75-15-0	Carbon disulfide	ND	250	D2	
56-23-5	Carbon tetrachloride	ND	100	D2	
108-90-7	Chlorobenzene	ND	50	D2	
124-48-1	Chlorodibromomethane	ND	100	D2	
75-00-3	Chloroethane	ND	250	D2	
67-66-3	Chloroform	ND	100	D2	
74-87-3	Chloromethane	ND	250	D2	
156-59-2	cis-1,2-Dichloroethene	ND	100	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	100	D2	
74-95-3	Dibromomethane	ND	100	D2	
75-71-8	Dichlorodifluoromethane	ND	250	D2	
100-41-4	Ethylbenzene	**230**	100	D2	
87-68-3	Hexachlorobutadiene	ND	250	D2	
74-88-4	Iodomethane	ND	500	D2	
98-82-8	Isopropylbenzene	ND	100	D2	
1634-04-4	Methyl tert-butyl ether	**450**	250	D2	
75-09-2	Methylene chloride	ND	250	D2	
91-20-3	Naphthalene	**110**	100	D2	
104-51-8	n-Butylbenzene	ND	250	D2	
103-65-1	n-Propylbenzene	ND	100	D2	
99-87-6	p-Isopropyltoluene	ND	100	D2	
135-98-8	sec-Butylbenzene	ND	250	D2	
100-42-5	Styrene	ND	100	D2	
98-06-6	tert-Butylbenzene	ND	250	D2	
127-18-4	Tetrachloroethene	ND	50	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-39A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-004
Matrix:	WATER	**Lab WorkOrder:**	JRPLX1AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 08:23
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 15:57
Sample Aliquot:	0.4 mL	**Instrument ID:**	R1
Dilution Factor:	50		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	100	D2	
156-60-5	trans-1,2-Dichloroethene	ND	100	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	100	D2	
79-01-6	Trichloroethene	ND	50	D2	
75-69-4	Trichlorofluoromethane	ND	250	D2	
108-05-4	Vinyl acetate	ND	1200	D2 L1	
75-01-4	Vinyl chloride	ND	50	D2	
1330-20-7	Xylenes (total)	ND	500	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	115	70	127	D2	
2037-26-5	Toluene-d8	119	83	125	D2	
1868-53-7	Dibromofluoromethane	106	77	119	D2	
460-00-4	4-Bromofluorobenzene	112	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-520-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-006
Matrix:	WATER	**Lab WorkOrder:**	JRPL11AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 09:32
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 16:34
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	ND	2.0		
75-35-4	1,1-Dichloroethene	ND	2.0		
563-58-6	1,1-Dichloropropene	ND	2.0		
87-61-6	1,2,3-Trichlorobenzene	ND	5.0		
96-18-4	1,2,3-Trichloropropane	ND	10		
120-82-1	1,2,4-Trichlorobenzene	ND	5.0		
95-63-6	1,2,4-Trimethylbenzene	ND	2.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		
106-93-4	1,2-Dibromoethane (EDB)	ND	2.0		
95-50-1	1,2-Dichlorobenzene	ND	1.0		
107-06-2	1,2-Dichloroethane	ND	1.0		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0		
541-73-1	1,3-Dichlorobenzene	ND	1.0		
142-28-9	1,3-Dichloropropane	ND	2.0		
106-46-7	1,4-Dichlorobenzene	ND	1.0		
594-20-7	2,2-Dichloropropane	ND	2.0		
78-93-3	2-Butanone (MEK)	ND	10		
95-49-8	2-Chlorotoluene	ND	5.0		
591-78-6	2-Hexanone	ND	10		
106-43-4	4-Chlorotoluene	ND	5.0		
108-10-1	4-Methyl-2-pentanone	ND	10		
67-64-1	Acetone	ND	20		
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-520-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-006
Matrix:	WATER	**Lab WorkOrder:**	JRPL11AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 09:32
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 16:34
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	5.0		
75-27-4	Bromodichloromethane	ND	1.0		
75-25-2	Bromoform	ND	5.0		
74-83-9	Bromomethane	ND	5.0		
75-15-0	Carbon disulfide	ND	5.0		
56-23-5	Carbon tetrachloride	ND	2.0		
108-90-7	Chlorobenzene	ND	1.0		
124-48-1	Chlorodibromomethane	ND	2.0		
75-00-3	Chloroethane	ND	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	ND	2.0		
10061-01-5	cis-1,3-Dichloropropene	ND	2.0		
74-95-3	Dibromomethane	ND	2.0		
75-71-8	Dichlorodifluoromethane	ND	5.0		
100-41-4	Ethylbenzene	ND	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	ND	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	ND	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	ND	5.0		
100-42-5	Styrene	ND	2.0		
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-520-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-006
Matrix:	WATER	**Lab WorkOrder:**	JRPL11AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 09:32
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 16:34
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	2.0		
156-60-5	trans-1,2-Dichloroethene	ND	2.0		
10061-02-6	trans-1,3-Dichloropropene	ND	2.0		
79-01-6	Trichloroethene	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	L1	
75-01-4	Vinyl chloride	ND	1.0		
1330-20-7	Xylenes (total)	ND	10		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	113	70	127		
2037-26-5	Toluene-d8	111	83	125		
1868-53-7	Dibromofluoromethane	106	77	119		
460-00-4	4-Bromofluorobenzene	106	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-115A-7A1
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-007
Matrix:	WATER	**Lab WorkOrder:**	JRPL21AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 10:01
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 16:53
Sample Aliquot:	0.1 mL	**Instrument ID:**	R1
Dilution Factor:	200		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	1000	D2	
71-55-6	1,1,1-Trichloroethane	ND	400	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	200	D2	
79-00-5	1,1,2-Trichloroethane	ND	200	D2	
75-34-3	1,1-Dichloroethane	ND	400	D2	
75-35-4	1,1-Dichloroethene	ND	400	D2	
563-58-6	1,1-Dichloropropene	ND	400	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	1000	D2	
96-18-4	1,2,3-Trichloropropane	ND	2000	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	1000	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	400	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	1000	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	400	D2	
95-50-1	1,2-Dichlorobenzene	ND	200	D2	
107-06-2	1,2-Dichloroethane	ND	200	D2	
78-87-5	1,2-Dichloropropane	ND	400	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	400	D2	
541-73-1	1,3-Dichlorobenzene	ND	200	D2	
142-28-9	1,3-Dichloropropane	ND	400	D2	
106-46-7	1,4-Dichlorobenzene	ND	200	D2	
594-20-7	2,2-Dichloropropane	ND	400	D2	
78-93-3	2-Butanone (MEK)	ND	2000	D2	
95-49-8	2-Chlorotoluene	ND	1000	D2	
591-78-6	2-Hexanone	ND	2000	D2	
106-43-4	4-Chlorotoluene	ND	1000	D2	
108-10-1	4-Methyl-2-pentanone	ND	2000	D2	
67-64-1	Acetone	ND	4000	D2	
71-43-2	Benzene	**4100**	200	D2	
108-86-1	Bromobenzene	ND	1000	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-115A-7A1
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-007
Matrix:	WATER	**Lab WorkOrder:**	JRPL21AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 10:01
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 16:53
Sample Aliquot:	0.1 mL	**Instrument ID:**	R1
Dilution Factor:	200		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	1000	D2	
75-27-4	Bromodichloromethane	ND	200	D2	
75-25-2	Bromoform	ND	1000	D2	
74-83-9	Bromomethane	ND	1000	D2	
75-15-0	Carbon disulfide	ND	1000	D2	
56-23-5	Carbon tetrachloride	ND	400	D2	
108-90-7	Chlorobenzene	ND	200	D2	
124-48-1	Chlorodibromomethane	ND	400	D2	
75-00-3	Chloroethane	ND	1000	D2	
67-66-3	Chloroform	ND	400	D2	
74-87-3	Chloromethane	ND	1000	D2	
156-59-2	cis-1,2-Dichloroethene	ND	400	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	400	D2	
74-95-3	Dibromomethane	ND	400	D2	
75-71-8	Dichlorodifluoromethane	ND	1000	D2	
100-41-4	Ethylbenzene	**610**	400	D2	
87-68-3	Hexachlorobutadiene	ND	1000	D2	
74-88-4	Iodomethane	ND	2000	D2	
98-82-8	Isopropylbenzene	ND	400	D2	
1634-04-4	Methyl tert-butyl ether	ND	1000	D2	
75-09-2	Methylene chloride	ND	1000	D2	
91-20-3	Naphthalene	ND	400	D2	
104-51-8	n-Butylbenzene	ND	1000	D2	
103-65-1	n-Propylbenzene	ND	400	D2	
99-87-6	p-Isopropyltoluene	ND	400	D2	
135-98-8	sec-Butylbenzene	ND	1000	D2	
100-42-5	Styrene	ND	400	D2	
98-06-6	tert-Butylbenzene	ND	1000	D2	
127-18-4	Tetrachloroethene	ND	200	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-115A-7A1
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-007
Matrix:	WATER	**Lab WorkOrder:**	JRPL21AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 10:01
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 16:53
Sample Aliquot:	0.1 mL	**Instrument ID:**	R1
Dilution Factor:	200		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	400	D2	
156-60-5	trans-1,2-Dichloroethene	ND	400	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	400	D2	
79-01-6	Trichloroethene	ND	200	D2	
75-69-4	Trichlorofluoromethane	ND	1000	D2	
108-05-4	Vinyl acetate	ND	5000	D2 L1	
75-01-4	Vinyl chloride	ND	200	D2	
1330-20-7	Xylenes (total)	ND	2000	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	120	70	127	D2	
2037-26-5	Toluene-d8	115	83	125	D2	
1868-53-7	Dibromofluoromethane	107	77	119	D2	
460-00-4	4-Bromofluorobenzene	108	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-516-7A1
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-008
Matrix:	WATER	**Lab WorkOrder:**	JRPL41AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 10:11
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 17:12
Sample Aliquot:	0.1 mL	**Instrument ID:**	R1
Dilution Factor:	200		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	1000	D2	
71-55-6	1,1,1-Trichloroethane	ND	400	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	200	D2	
79-00-5	1,1,2-Trichloroethane	ND	200	D2	
75-34-3	1,1-Dichloroethane	ND	400	D2	
75-35-4	1,1-Dichloroethene	ND	400	D2	
563-58-6	1,1-Dichloropropene	ND	400	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	1000	D2	
96-18-4	1,2,3-Trichloropropane	ND	2000	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	1000	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	400	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	1000	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	400	D2	
95-50-1	1,2-Dichlorobenzene	ND	200	D2	
107-06-2	1,2-Dichloroethane	ND	200	D2	
78-87-5	1,2-Dichloropropane	ND	400	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	400	D2	
541-73-1	1,3-Dichlorobenzene	ND	200	D2	
142-28-9	1,3-Dichloropropane	ND	400	D2	
106-46-7	1,4-Dichlorobenzene	ND	200	D2	
594-20-7	2,2-Dichloropropane	ND	400	D2	
78-93-3	2-Butanone (MEK)	ND	2000	D2	
95-49-8	2-Chlorotoluene	ND	1000	D2	
591-78-6	2-Hexanone	ND	2000	D2	
106-43-4	4-Chlorotoluene	ND	1000	D2	
108-10-1	4-Methyl-2-pentanone	ND	2000	D2	
67-64-1	Acetone	ND	4000	D2	
71-43-2	Benzene	**4100**	200	D2	
108-86-1	Bromobenzene	ND	1000	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-516-7A1
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-008
Matrix:	WATER	**Lab WorkOrder:**	JRPL41AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 10:11
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 17:12
Sample Aliquot:	0.1 mL	**Instrument ID:**	R1
Dilution Factor:	200		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	1000	D2	
75-27-4	Bromodichloromethane	ND	200	D2	
75-25-2	Bromoform	ND	1000	D2	
74-83-9	Bromomethane	ND	1000	D2	
75-15-0	Carbon disulfide	ND	1000	D2	
56-23-5	Carbon tetrachloride	ND	400	D2	
108-90-7	Chlorobenzene	ND	200	D2	
124-48-1	Chlorodibromomethane	ND	400	D2	
75-00-3	Chloroethane	ND	1000	D2	
67-66-3	Chloroform	ND	400	D2	
74-87-3	Chloromethane	ND	1000	D2	
156-59-2	cis-1,2-Dichloroethene	ND	400	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	400	D2	
74-95-3	Dibromomethane	ND	400	D2	
75-71-8	Dichlorodifluoromethane	ND	1000	D2	
100-41-4	Ethylbenzene	**630**	400	D2	
87-68-3	Hexachlorobutadiene	ND	1000	D2	
74-88-4	Iodomethane	ND	2000	D2	
98-82-8	Isopropylbenzene	ND	400	D2	
1634-04-4	Methyl tert-butyl ether	ND	1000	D2	
75-09-2	Methylene chloride	ND	1000	D2	
91-20-3	Naphthalene	ND	400	D2	
104-51-8	n-Butylbenzene	ND	1000	D2	
103-65-1	n-Propylbenzene	ND	400	D2	
99-87-6	p-Isopropyltoluene	ND	400	D2	
135-98-8	sec-Butylbenzene	ND	1000	D2	
100-42-5	Styrene	ND	400	D2	
98-06-6	tert-Butylbenzene	ND	1000	D2	
127-18-4	Tetrachloroethene	ND	200	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-516-7A1
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-008
Matrix:	WATER	**Lab WorkOrder:**	JRPL41AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 10:11
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 17:12
Sample Aliquot:	0.1 mL	**Instrument ID:**	R1
Dilution Factor:	200		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	400	D2	
156-60-5	trans-1,2-Dichloroethene	ND	400	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	400	D2	
79-01-6	Trichloroethene	ND	200	D2	
75-69-4	Trichlorofluoromethane	ND	1000	D2	
108-05-4	Vinyl acetate	ND	5000	D2 L1	
75-01-4	Vinyl chloride	ND	200	D2	
1330-20-7	Xylenes (total)	ND	2000	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	116	70	127	D2	
2037-26-5	Toluene-d8	119	83	125	D2	
1868-53-7	Dibromofluoromethane	108	77	119	D2	
460-00-4	4-Bromofluorobenzene	104	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7D050000-038B
Matrix:	WATER	**Lab WorkOrder:**	JTDMW1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 09:47
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

Form 1 Prep Blank Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7D050000-038B
Matrix:	WATER	**Lab WorkOrder:**	JTDMW1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 09:47
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

Form 1 Prep Blank Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7D050000-038B
Matrix:	WATER	**Lab WorkOrder:**	JTDMW1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 09:47
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	113	70	127	
2037-26-5	Toluene-d8	116	83	125	
1868-53-7	Dibromofluoromethane	104	77	119	
460-00-4	4-Bromofluorobenzene	105	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK

Lot/SDG Number: D7C240165 **QC Batch ID:** 7095038

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
LAB MS/MSD MS	JRNQX1AC	109	127 *	109	117					1
LAB MS/MSD MSD	JRNQX1AD	112	127 *	111	119					1
PL-520-7AI	JRPL11AA	113	106	106	111					0
ASE-115A-7A1	JRPL21AA	120	108	107	115					0
PL-516-7A1	JRPL41AA	116	104	108	119					0
TB-032307A	JRPLN1AA	115	108	106	115					0
ASE-38A-7AI	JRPLW1AA	119	110	108	113					0
ASE-39A-7AI	JRPLX1AA	115	112	106	119					0
INTRA-LAB BLANK	JTDMW1AA	113	105	104	116					0
CHECK SAMPLE	JTDMW1AC	110	114	107	118					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7D050000-038C
Matrix:	WATER	**Lab WorkOrder:**	JTDMW1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 09:10
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	5.69	114		72 - 117
Acetone	10.0	8.24	82		48 - 130
Ethylbenzene	5.00	5.21	104		78 - 118
Trichlorofluoromethane	5.00	4.54	91		63 - 135
Hexachlorobutadiene	5.00	4.73	95		73 - 123
2-Hexanone	10.0	10.1	101		57 - 121
Isopropylbenzene	5.00	4.98	100		71 - 111
p-Isopropyltoluene	5.00	5.01	100		76 - 113
Methylene chloride	5.00	4.65	93		71 - 119
4-Methyl-2-pentanone	10.0	9.99	100		65 - 118
Naphthalene	5.00	4.28	86		62 - 121
Benzene	5.00	4.92	98		77 - 118
2-Pentanone	10.0	10.5	105		42 - 115
n-Propylbenzene	5.00	5.41	108		76 - 116
Styrene	5.00	4.37	87		77 - 117
1,1,1,2-Tetrachloroethane	5.00	5.02	100		77 - 117
1,1,2,2-Tetrachloroethane	5.00	4.61	92		73 - 119
Tetrachloroethene	5.00	5.25	105		77 - 117
Toluene	5.00	5.19	104		73 - 120
1,2,3-Trichlorobenzene	5.00	4.74	95		66 - 123
1,2,4-Trichlorobenzene	5.00	4.67	93		73 - 121
1,1,1-Trichloroethane	5.00	4.90	98		78 - 118
1,1,2-Trichloroethane	5.00	4.97	99		76 - 116
Trichloroethene	5.00	5.26	105		78 - 122
1,2,3-Trichloropropane	5.00	4.52	90		72 - 120
1,2,4-Trimethylbenzene	5.00	5.39	108		77 - 117
1,3,5-Trimethylbenzene	5.00	5.46	109		77 - 117
Vinyl acetate	5.00	6.74	135		63 - 124
Vinyl chloride	5.00	4.17	83		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7D050000-038C
Matrix:	WATER	**Lab WorkOrder:**	JTDMW1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 09:10
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	5.00	5.49	110		77 - 117
Xylenes (total)	15.0	16.1	108		77 - 117
Methyl tert-butyl ether	10.0	8.31	83		58 - 116
m-Xylene & p-Xylene	10.0	10.7	107		78 - 118
Bromobenzene	5.00	5.28	106		75 - 115
Bromochloromethane	5.00	4.98	100		78 - 118
Bromodichloromethane	5.00	4.89	98		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	5.67	113		65 - 117
1,2-Dibromoethane (EDB)	5.00	5.11	102		77 - 117
2-Butanone (MEK)	10.0	8.47	85		57 - 120
Bromoform	5.00	4.39	88		74 - 121
Bromomethane	5.00	3.65	73		42 - 154
n-Butylbenzene	5.00	5.29	106		76 - 117
sec-Butylbenzene	5.00	5.27	105		80 - 120
tert-Butylbenzene	5.00	5.35	107		76 - 116
Carbon disulfide	5.00	3.75	75		56 - 104
Carbon tetrachloride	5.00	4.92	98		80 - 120
Chlorobenzene	5.00	5.10	102		78 - 118
Chlorodibromomethane	5.00	4.96	99		76 - 116
Chloroethane	5.00	4.18	84		51 - 133
2-Chloroethyl vinyl ether	5.00	4.11	82		17 - 150
Chloroform	5.00	4.79	96		78 - 118
Chloromethane	5.00	4.13	83		46 - 142
2-Chlorotoluene	5.00	5.35	107		76 - 116
4-Chlorotoluene	5.00	5.25	105		78 - 118
Dibromomethane	5.00	4.91	98		77 - 117
1,2-Dichlorobenzene	5.00	4.97	99		76 - 116
1,3-Dichlorobenzene	5.00	4.92	98		75 - 115
1,4-Dichlorobenzene	5.00	4.88	98		77 - 117

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7D050000-038C
Matrix:	WATER	**Lab WorkOrder:**	JTDMW1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 09:10
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Dichlorodifluoromethane	5.00	4.70	94		56 - 140
1,1-Dichloroethane	5.00	5.07	101		77 - 117
1,2-Dichloroethane	5.00	4.96	99		74 - 120
1,1-Dichloroethene	5.00	5.41	108		68 - 133
cis-1,2-Dichloroethene	5.00	5.01	100		75 - 115
trans-1,2-Dichloroethene	5.00	5.34	107		80 - 120
1,2-Dichloroethene (total)	10.0	10.3	103		78 - 118
1,2-Dichloropropane	5.00	5.02	100		76 - 116
1,3-Dichloropropane	5.00	5.00	100		75 - 115
2,2-Dichloropropane	5.00	5.03	101		72 - 128
1,1-Dichloropropene	5.00	5.12	102		75 - 115
cis-1,3-Dichloropropene	5.00	4.52	90		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	110	70	127	
2037-26-5	Toluene-d8	118	83	125	
1868-53-7	Dibromofluoromethane	107	77	119	
460-00-4	4-Bromofluorobenzene	114	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240165	**MS Lab Sample ID:**	D7C230380-009S
Matrix:	WATER	**MS Lab WorkOrder:**	JRNQX1AC
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 08:11
Basis:	Wet	**Date/Time Received:**	03/23/07 15:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 11:21
MS Sample Aliquot:	0.2 mL	**Instrument ID:**	R1
MS Dilution Factor:	100		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	500	17		452	90		77 - 117
1,1,1-Trichloroethane	500	5100		5750	133		78 - 118
1,1,2,2-Tetrachloroethane	500	20		491	98		73 - 119
1,1,2-Trichloroethane	500	32		722	144		76 - 116
1,1-Dichloroethane	500	320		748	85		77 - 117
1,1-Dichloroethene	500	130		556	86		68 - 133
1,1-Dichloropropene	500	15		478	96		75 - 115
1,2,3-Trichlorobenzene	500	18		515	103		66 - 123
1,2,3-Trichloropropane	500	27		575	115		72 - 120
1,2,4-Trichlorobenzene	500	32		465	93		73 - 121
1,2,4-Trimethylbenzene	500	400		1160	150		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	500	150		568	114		65 - 117
1,2-Dibromoethane (EDB)	500	18		480	96		77 - 117
1,2-Dichlorobenzene	500	13		469	94		76 - 116
1,2-Dichloroethane	500	13		455	91		74 - 120
1,2-Dichloroethene (total)	1000	1900		2720	86		78 - 118
1,2-Dichloropropane	500	13		488	98		76 - 116
1,3,5-Trimethylbenzene	500	120		727	121		77 - 117
1,3-Dichlorobenzene	500	16		439	88		75 - 115
1,3-Dichloropropane	500	15		445	89		75 - 115
1,4-Dichlorobenzene	500	16		433	87		77 - 117
2,2-Dichloropropane	500	20		404	81		72 - 128
2-Butanone (MEK)	1000	180		781	78		57 - 120
2-Chloroethyl vinyl ether	500	74		338	68		17 - 150
2-Chlorotoluene	500	17		469	94		76 - 116
2-Hexanone	1000	140		899	90		57 - 121
2-Pentanone	1000	82		952	95		42 - 115
4-Chlorotoluene	500	17		457	91		78 - 118
4-Methyl-2-pentanone	1000	49		1070	107		65 - 118
Acetone	1000	190		555	56		48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240165	**MS Lab Sample ID:**	D7C230380-009S
Matrix:	WATER	**MS Lab WorkOrder:**	JRNQX1AC
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 08:11
Basis:	Wet	**Date/Time Received:**	03/23/07 15:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 11:21
MS Sample Aliquot:	0.2 mL	**Instrument ID:**	R1
MS Dilution Factor:	100		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	500	16		520	88		77 - 118
Bromobenzene	500	17		468	94		75 - 115
Bromochloromethane	500	10		447	89		78 - 118
Bromodichloromethane	500	17		435	87		78 - 118
Bromoform	500	19		420	84		74 - 121
Bromomethane	500	21		329	66		42 - 154
Carbon disulfide	500	45		262	52		56 - 104
Carbon tetrachloride	500	19		414	83		80 - 120
Chlorobenzene	500	17		438	88		78 - 118
Chlorodibromomethane	500	17		455	91		76 - 116
Chloroethane	500	41		342	68		51 - 133
Chloroform	500	16		431	86		78 - 118
Chloromethane	500	30		360	72		46 - 142
cis-1,2-Dichloroethene	500	1900		2270	83		75 - 115
cis-1,3-Dichloropropene	500	16		439	88		76 - 116
Dibromomethane	500	17		462	92		77 - 117
Dichlorodifluoromethane	500	31		372	74		56 - 140
Ethylbenzene	500	16		538	98		78 - 118
Hexachlorobutadiene	500	12		347	69		73 - 123
Isopropylbenzene	500	19		488	94		71 - 111
m-Xylene & p-Xylene	1000	34		969	97		78 - 118
Methyl tert-butyl ether	1000	25		716	72		58 - 116
Methylene chloride	500	32		437	75		71 - 119
n-Butylbenzene	500	14		613	106		76 - 117
n-Propylbenzene	500	16		589	105		76 - 116
Naphthalene	500	140		624	97		62 - 121
o-Xylene	500	110		656	108		77 - 117
p-Isopropyltoluene	500	17		457	91		76 - 113
sec-Butylbenzene	500	17		615	108		80 - 120
Styrene	500	17		411	82		77 - 117

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240165	**MS Lab Sample ID:**	D7C230380-009S
Matrix:	WATER	**MS Lab WorkOrder:**	JRNQX1AC
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 08:11
Basis:	Wet	**Date/Time Received:**	03/23/07 15:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 11:21
MS Sample Aliquot:	0.2 mL	**Instrument ID:**	R1
MS Dilution Factor:	100		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
tert-Butylbenzene	500	16		548	110		76 - 116
Tetrachloroethene	500	310		872	113		77 - 117
Toluene	500	17		454	91		73 - 120
trans-1,2-Dichloroethene	500	15		448	90		80 - 120
trans-1,3-Dichloropropene	500	19		538	108		72 - 117
Trichloroethene	500	180		663	97		78 - 122
Trichlorofluoromethane	500	29		374	75		63 - 135
Vinyl acetate	500	94		649	130		63 - 124
Vinyl chloride	500	17		324	65		49 - 136
Xylenes (total)	1500	19		1630	101		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	109	70	127	
460-00-4	4-Bromofluorobenzene	127	78	118	
1868-53-7	Dibromofluoromethane	109	77	119	
2037-26-5	Toluene-d8	117	83	125	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240165	**MSD Lab Sample ID:**	D7C230380-009D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRNQX1AD
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 08:11
Basis:	Wet	**Date/Time Received:**	03/23/07 15:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 11:40
MSD Sample Aliquot:	0.2 mL	**Instrument ID:**	R1
MSD Dilution Factor:	100		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	500	17		506	101	11		77 - 117	20
1,1,1-Trichloroethane	500	5100		5850	152	1.6		78 - 118	20
1,1,2,2-Tetrachloroethane	500	20		527	105	7.2		73 - 119	20
1,1,2-Trichloroethane	500	32		788	158	8.8		76 - 116	21
1,1-Dichloroethane	500	320		808	97	7.7		77 - 117	21
1,1-Dichloroethene	500	130		596	94	6.9		68 - 133	20
1,1-Dichloropropene	500	15		525	105	9.4		75 - 115	21
1,2,3-Trichlorobenzene	500	18		591	118	14		66 - 123	29
1,2,3-Trichloropropane	500	27		608	122	5.6		72 - 120	23
1,2,4-Trichlorobenzene	500	32		558	112	18		73 - 121	25
1,2,4-Trimethylbenzene	500	400		1260	170	8.3		77 - 117	20
1,2-Dibromo-3-chloroprop	500	150		648	130	13		65 - 117	22
1,2-Dibromoethane (EDB)	500	18		540	108	12		77 - 117	20
1,2-Dichlorobenzene	500	13		513	103	8.9		76 - 116	20
1,2-Dichloroethane	500	13		502	100	9.8		74 - 120	20
1,2-Dichloroethene (total)	1000	1900		2780	93	2.5		78 - 118	20
1,2-Dichloropropane	500	13		525	105	7.3		76 - 116	20
1,3,5-Trimethylbenzene	500	120		805	136	10		77 - 117	20
1,3-Dichlorobenzene	500	16		502	100	13		75 - 115	20
1,3-Dichloropropane	500	15		512	102	14		75 - 115	20
1,4-Dichlorobenzene	500	16		493	99	13		77 - 117	23
2,2-Dichloropropane	500	20		468	94	14		72 - 128	24
2-Butanone (MEK)	1000	180		915	91	16		57 - 120	32
2-Chloroethyl vinyl ether	500	74		376	75	10		17 - 150	31
2-Chlorotoluene	500	17		520	104	10		76 - 116	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240165	**MSD Lab Sample ID:**	D7C230380-009D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRNQX1AD
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 08:11
Basis:	Wet	**Date/Time Received:**	03/23/07 15:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 11:40
MSD Sample Aliquot:	0.2 mL	**Instrument ID:**	R1
MSD Dilution Factor:	100		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Hexanone	1000	140		1070	107	18		57 - 121	25
2-Pentanone	1000	82		1050	105	9.6		42 - 115	26
4-Chlorotoluene	500	17		533	107	15		78 - 118	20
4-Methyl-2-pentanone	1000	49		1170	117	8.9		65 - 118	22
Acetone	1000	190		599	60	7.6		48 - 130	41
Benzene	500	16		555	95	6.5		77 - 118	20
Bromobenzene	500	17		521	104	11		75 - 115	20
Bromochloromethane	500	10		494	99	10		78 - 118	20
Bromodichloromethane	500	17		485	97	11		78 - 118	20
Bromoform	500	19		485	97	14		74 - 121	21
Bromomethane	500	21		379	76	14		42 - 154	24
Carbon disulfide	500	45		328	66	22		56 - 104	20
Carbon tetrachloride	500	19		479	96	15		80 - 120	21
Chlorobenzene	500	17		489	98	11		78 - 118	20
Chlorodibromomethane	500	17		511	102	12		76 - 116	20
Chloroethane	500	41		389	78	13		51 - 133	25
Chloroform	500	16		470	94	8.6		78 - 118	20
Chloromethane	500	30		364	73	1.1		46 - 142	24
cis-1,2-Dichloroethene	500	1900		2290	88	1.1		75 - 115	20
cis-1,3-Dichloropropene	500	16		501	100	13		76 - 116	20
Dibromomethane	500	17		517	103	11		77 - 117	20
Dichlorodifluoromethane	500	31		373	75	0.35		56 - 140	24
Ethylbenzene	500	16		585	107	8.3		78 - 118	26
Hexachlorobutadiene	500	12		384	77	10		73 - 123	25
Isopropylbenzene	500	19		531	102	8.4		71 - 111	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240165	**MSD Lab Sample ID:**	D7C230380-009D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRNQX1AD
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 08:11
Basis:	Wet	**Date/Time Received:**	03/23/07 15:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/04/07 08:06
QC Batch ID:	7095038	**Date/Time Analyzed:**	04/04/07 11:40
MSD Sample Aliquot:	0.2 mL	**Instrument ID:**	R1
MSD Dilution Factor:	100		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
m-Xylene & p-Xylene	1000	34		1080	108	11		78 - 118	20
Methyl tert-butyl ether	1000	25		846	85	17		58 - 116	21
Methylene chloride	500	32		495	87	12		71 - 119	20
n-Butylbenzene	500	14		681	120	11		76 - 117	21
n-Propylbenzene	500	16		653	117	10		76 - 116	20
Naphthalene	500	140		700	112	11		62 - 121	32
o-Xylene	500	110		704	118	6.9		77 - 117	20
p-Isopropyltoluene	500	17		503	101	9.7		76 - 113	20
sec-Butylbenzene	500	17		754	136	20		80 - 120	21
Styrene	500	17		475	95	14		77 - 117	20
tert-Butylbenzene	500	16		616	123	12		76 - 116	21
Tetrachloroethene	500	310		940	126	7.5		77 - 117	20
Toluene	500	17		510	102	12		73 - 120	20
trans-1,2-Dichloroethene	500	15		494	99	9.6		80 - 120	24
trans-1,3-Dichloropropene	500	19		608	122	12		72 - 117	20
Trichloroethene	500	180		716	108	7.6		78 - 122	20
Trichlorofluoromethane	500	29		416	83	11		63 - 135	20
Vinyl acetate	500	94		787	157	19		63 - 124	24
Vinyl chloride	500	17		376	75	15		49 - 136	24
Xylenes (total)	1500	19		1780	111	9.2		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	112	70	127	
460-00-4	4-Bromofluorobenzene	127	78	118	
1868-53-7	Dibromofluoromethane	111	77	119	
2037-26-5	Toluene-d8	119	83	125	

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	R3564.D
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7D050000-038B
Matrix:	WATER	**Lab Work Order:**	JTDMW1AA
Analysis Method:	8260B	**Date/Time Extracted:**	04/04/07 08:06
Extraction Method:	I25QK	**Date/Time Analyzed:**	04/04/07 09:47
QC Batch ID:	7095038	**Instrument ID:**	R1

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
LAB MS/MSD MS	JRNQX1AC S	R3564.D	04/04/07	11:21
LAB MS/MSD MSD	JRNQX1AD D	R3565.D	04/04/07	11:40
PL-520-7AI	JRPL11AA	R3579.D	04/04/07	16:34
ASE-115A-7A1	JRPL21AA	R3580.D	04/04/07	16:53
PL-516-7A1	JRPL41AA	R3581.D	04/04/07	17:12
TB-032307A	JRPLN1AA	R3574.D	04/04/07	15:02
ASE-38A-7AI	JRPLW1AA	R3576.D	04/04/07	15:39
ASE-39A-7AI	JRPLX1AA	R3577.D	04/04/07	15:57
CHECK SAMPLE	JTDMW1AC C	R3557.D	04/04/07	09:10

STL

Volatile GC/MS

Lot ID: D7C240165

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 002, 005

Batch: 7096300

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-101A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-002
Matrix:	WATER	**Lab WorkOrder:**	JRPLR1AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 06:40
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 12:06
Sample Aliquot:	2 mL	**Instrument ID:**	R1
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	D2	
71-55-6	1,1,1-Trichloroethane	ND	20	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	D2	
79-00-5	1,1,2-Trichloroethane	ND	10	D2	
75-34-3	1,1-Dichloroethane	ND	20	D2	
75-35-4	1,1-Dichloroethene	ND	20	D2	
563-58-6	1,1-Dichloropropene	ND	20	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	50	D2	
96-18-4	1,2,3-Trichloropropane	ND	100	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	50	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	20	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	50	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	20	D2	
95-50-1	1,2-Dichlorobenzene	ND	10	D2	
107-06-2	1,2-Dichloroethane	ND	10	D2	
78-87-5	1,2-Dichloropropane	ND	20	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	20	D2	
541-73-1	1,3-Dichlorobenzene	ND	10	D2	
142-28-9	1,3-Dichloropropane	ND	20	D2	
106-46-7	1,4-Dichlorobenzene	ND	10	D2	
594-20-7	2,2-Dichloropropane	ND	20	D2	
78-93-3	2-Butanone (MEK)	ND	100	D2	
95-49-8	2-Chlorotoluene	ND	50	D2	
591-78-6	2-Hexanone	ND	100	D2	
106-43-4	4-Chlorotoluene	ND	50	D2	
108-10-1	4-Methyl-2-pentanone	ND	100	D2	
67-64-1	Acetone	ND	200	D2	
71-43-2	Benzene	**170**	10	D2	
108-86-1	Bromobenzene	ND	50	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-101A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-002
Matrix:	WATER	**Lab WorkOrder:**	JRPLR1AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 06:40
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 12:06
Sample Aliquot:	2 mL	**Instrument ID:**	R1
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	50	D2	
75-27-4	Bromodichloromethane	ND	10	D2	
75-25-2	Bromoform	ND	50	D2	
74-83-9	Bromomethane	ND	50	D2	
75-15-0	Carbon disulfide	ND	50	D2	
56-23-5	Carbon tetrachloride	ND	20	D2	
108-90-7	Chlorobenzene	ND	10	D2	
124-48-1	Chlorodibromomethane	ND	20	D2	
75-00-3	Chloroethane	ND	50	D2	
67-66-3	Chloroform	ND	20	D2	
74-87-3	Chloromethane	ND	50	D2	
156-59-2	cis-1,2-Dichloroethene	ND	20	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	20	D2	
74-95-3	Dibromomethane	ND	20	D2	
75-71-8	Dichlorodifluoromethane	ND	50	D2	
100-41-4	Ethylbenzene	**150**	20	D2	
87-68-3	Hexachlorobutadiene	ND	50	D2	
74-88-4	Iodomethane	ND	100	D2	
98-82-8	Isopropylbenzene	**49**	20	D2	
1634-04-4	Methyl tert-butyl ether	ND	50	D2	
75-09-2	Methylene chloride	ND	50	D2	
91-20-3	Naphthalene	**160**	20	D2	
104-51-8	n-Butylbenzene	ND	50	D2	
103-65-1	n-Propylbenzene	**39**	20	D2	
99-87-6	p-Isopropyltoluene	ND	20	D2	
135-98-8	sec-Butylbenzene	ND	50	D2	
100-42-5	Styrene	ND	20	D2	
98-06-6	tert-Butylbenzene	ND	50	D2	
127-18-4	Tetrachloroethene	ND	10	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-101A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-002
Matrix:	WATER	**Lab WorkOrder:**	JRPLR1AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 06:40
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 12:06
Sample Aliquot:	2 mL	**Instrument ID:**	R1
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	20	D2	
156-60-5	trans-1,2-Dichloroethene	ND	20	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	20	D2	
79-01-6	Trichloroethene	ND	10	D2	
75-69-4	Trichlorofluoromethane	ND	50	D2	
108-05-4	Vinyl acetate	ND	250	D2 L1	
75-01-4	Vinyl chloride	ND	10	D2	
1330-20-7	Xylenes (total)	ND	100	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	120	70	127	D2	
2037-26-5	Toluene-d8	115	83	125	D2	
1868-53-7	Dibromofluoromethane	109	77	119	D2	
460-00-4	4-Bromofluorobenzene	112	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-116A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-005
Matrix:	WATER	**Lab WorkOrder:**	JRPL01AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 09:15
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 10:07
Sample Aliquot:	0.6 mL	**Instrument ID:**	R1
Dilution Factor:	33.33		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	170	D2	
71-55-6	1,1,1-Trichloroethane	ND	67	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	33	D2	
79-00-5	1,1,2-Trichloroethane	ND	33	D2	
75-34-3	1,1-Dichloroethane	ND	67	D2	
75-35-4	1,1-Dichloroethene	ND	67	D2	
563-58-6	1,1-Dichloropropene	ND	67	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	170	D2	
96-18-4	1,2,3-Trichloropropane	ND	330	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	170	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	67	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	170	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	67	D2	
95-50-1	1,2-Dichlorobenzene	ND	33	D2	
107-06-2	1,2-Dichloroethane	ND	33	D2	
78-87-5	1,2-Dichloropropane	ND	67	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	67	D2	
541-73-1	1,3-Dichlorobenzene	ND	33	D2	
142-28-9	1,3-Dichloropropane	ND	67	D2	
106-46-7	1,4-Dichlorobenzene	ND	33	D2	
594-20-7	2,2-Dichloropropane	ND	67	D2	
78-93-3	2-Butanone (MEK)	ND	330	D2	
95-49-8	2-Chlorotoluene	ND	170	D2	
591-78-6	2-Hexanone	ND	330	D2	
106-43-4	4-Chlorotoluene	ND	170	D2	
108-10-1	4-Methyl-2-pentanone	ND	330	D2	
67-64-1	Acetone	ND	670	D2	
71-43-2	Benzene	**1700**	33	D2	
108-86-1	Bromobenzene	ND	170	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-116A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-005
Matrix:	WATER	**Lab WorkOrder:**	JRPL01AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 09:15
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 10:07
Sample Aliquot:	0.6 mL	**Instrument ID:**	R1
Dilution Factor:	33.33		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
74-97-5	Bromochloromethane	ND	170	D2	
75-27-4	Bromodichloromethane	ND	33	D2	
75-25-2	Bromoform	ND	170	D2	
74-83-9	Bromomethane	ND	170	D2	
75-15-0	Carbon disulfide	ND	170	D2	
56-23-5	Carbon tetrachloride	ND	67	D2	
108-90-7	Chlorobenzene	ND	33	D2	
124-48-1	Chlorodibromomethane	ND	67	D2	
75-00-3	Chloroethane	ND	170	D2	
67-66-3	Chloroform	ND	67	D2	
74-87-3	Chloromethane	ND	170	D2	
156-59-2	cis-1,2-Dichloroethene	ND	67	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	67	D2	
74-95-3	Dibromomethane	ND	67	D2	
75-71-8	Dichlorodifluoromethane	ND	170	D2	
100-41-4	Ethylbenzene	**810**	67	D2	
87-68-3	Hexachlorobutadiene	ND	170	D2	
74-88-4	Iodomethane	ND	330	D2	
98-82-8	Isopropylbenzene	**210**	67	D2	
1634-04-4	Methyl tert-butyl ether	**300**	170	D2	
75-09-2	Methylene chloride	ND	170	D2	
91-20-3	Naphthalene	**500**	67	D2	
104-51-8	n-Butylbenzene	ND	170	D2	
103-65-1	n-Propylbenzene	**170**	67	D2	
99-87-6	p-Isopropyltoluene	ND	67	D2	
135-98-8	sec-Butylbenzene	ND	170	D2	
100-42-5	Styrene	ND	67	D2	
98-06-6	tert-Butylbenzene	ND	170	D2	
127-18-4	Tetrachloroethene	ND	33	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-116A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-005
Matrix:	WATER	**Lab WorkOrder:**	JRPL01AA
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 09:15
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 10:07
Sample Aliquot:	0.6 mL	**Instrument ID:**	R1
Dilution Factor:	33.33		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
108-88-3	Toluene	ND	67	D2	
156-60-5	trans-1,2-Dichloroethene	ND	67	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	67	D2	
79-01-6	Trichloroethene	ND	33	D2	
75-69-4	Trichlorofluoromethane	ND	170	D2	
108-05-4	Vinyl acetate	ND	830	D2 L1	
75-01-4	Vinyl chloride	ND	33	D2	
1330-20-7	Xylenes (total)	ND	330	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	111	70	127	D2	
2037-26-5	Toluene-d8	123	83	125	D2	
1868-53-7	Dibromofluoromethane	106	77	119	D2	
460-00-4	4-Bromofluorobenzene	110	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7D060000-300B
Matrix:	WATER	**Lab WorkOrder:**	JTJK91AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 08:47
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
10061-02-6	trans-1,3-Dichloropropene	0.19	0.19	2.0	
67-64-1	Acetone	1.9	1.9	20	
100-41-4	Ethylbenzene	0.16	0.16	2.0	
75-69-4	Trichlorofluoromethane	0.29	0.29	5.0	
87-68-3	Hexachlorobutadiene	0.12	0.12	5.0	
591-78-6	2-Hexanone	1.4	1.4	10	
74-88-4	Iodomethane	0.23	0.23	10	
98-82-8	Isopropylbenzene	0.19	0.19	2.0	
99-87-6	p-Isopropyltoluene	0.17	0.17	2.0	
75-09-2	Methylene chloride	0.32	0.32	5.0	
108-10-1	4-Methyl-2-pentanone	0.49	0.49	10	
91-20-3	Naphthalene	0.22	0.22	2.0	
71-43-2	Benzene	0.16	0.16	1.0	
103-65-1	n-Propylbenzene	0.16	0.16	2.0	
100-42-5	Styrene	0.17	0.17	2.0	
630-20-6	1,1,1,2-Tetrachloroethane	0.17	0.17	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.20	0.20	1.0	
127-18-4	Tetrachloroethene	0.20	0.20	1.0	
108-88-3	Toluene	0.17	0.17	2.0	
87-61-6	1,2,3-Trichlorobenzene	0.18	0.18	5.0	
120-82-1	1,2,4-Trichlorobenzene	0.32	0.32	5.0	
71-55-6	1,1,1-Trichloroethane	0.16	0.16	2.0	
79-00-5	1,1,2-Trichloroethane	0.32	0.32	1.0	
79-01-6	Trichloroethene	0.16	0.16	1.0	
96-18-4	1,2,3-Trichloropropane	0.27	0.27	10	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	2.0	
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	2.0	
108-05-4	Vinyl acetate	0.94	0.94	25	
75-01-4	Vinyl chloride	0.17	0.17	1.0	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7D060000-300B
Matrix:	WATER	**Lab WorkOrder:**	JTJK91AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 08:47
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
1330-20-7	Xylenes (total)	0.19	0.19	10	
1634-04-4	Methyl tert-butyl ether	0.25	0.25	5.0	
108-86-1	Bromobenzene	0.17	0.17	5.0	
74-97-5	Bromochloromethane	0.10	0.10	5.0	
75-27-4	Bromodichloromethane	0.17	0.17	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	1.5	1.5	5.0	
106-93-4	1,2-Dibromoethane (EDB)	0.18	0.18	2.0	
78-93-3	2-Butanone (MEK)	1.8	1.8	10	
75-25-2	Bromoform	0.19	0.19	5.0	
74-83-9	Bromomethane	0.21	0.21	5.0	
104-51-8	n-Butylbenzene	0.14	0.14	5.0	
135-98-8	sec-Butylbenzene	0.17	0.17	5.0	
98-06-6	tert-Butylbenzene	0.16	0.16	5.0	
75-15-0	Carbon disulfide	0.45	0.45	5.0	
56-23-5	Carbon tetrachloride	0.19	0.19	2.0	
108-90-7	Chlorobenzene	0.17	0.17	1.0	
124-48-1	Chlorodibromomethane	0.17	0.17	2.0	
75-00-3	Chloroethane	0.41	0.41	5.0	
67-66-3	Chloroform	0.16	0.16	2.0	
74-87-3	Chloromethane	0.30	0.30	5.0	
95-49-8	2-Chlorotoluene	0.17	0.17	5.0	
106-43-4	4-Chlorotoluene	0.17	0.17	5.0	
74-95-3	Dibromomethane	0.17	0.17	2.0	
95-50-1	1,2-Dichlorobenzene	0.13	0.13	1.0	
541-73-1	1,3-Dichlorobenzene	0.16	0.16	1.0	
106-46-7	1,4-Dichlorobenzene	0.16	0.16	1.0	
75-71-8	Dichlorodifluoromethane	0.31	0.31	5.0	
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7D060000-300B
Matrix:	WATER	**Lab WorkOrder:**	JTJK91AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 08:47
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-35-4	1,1-Dichloroethene	0.14	0.14	2.0	
156-59-2	cis-1,2-Dichloroethene	0.15	0.15	2.0	
156-60-5	trans-1,2-Dichloroethene	0.15	0.15	2.0	
78-87-5	1,2-Dichloropropane	0.13	0.13	2.0	
142-28-9	1,3-Dichloropropane	0.15	0.15	2.0	
594-20-7	2,2-Dichloropropane	0.20	0.20	2.0	
563-58-6	1,1-Dichloropropene	0.15	0.15	2.0	
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	2.0	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	116	70	127	
2037-26-5	Toluene-d8	113	83	125	
1868-53-7	Dibromofluoromethane	107	77	119	
460-00-4	4-Bromofluorobenzene	102	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK

Lot/SDG Number: D7C240165 **QC Batch ID:** 7096300

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-116A-7AI	JRPL01AA	111	110	106	123					0
PL-101A-7AI	JRPLR1AA	120	112	109	115					0
LAB MS/MSD MS	JRXEF1AC	109	110	111	115					0
LAB MS/MSD MSD	JRXEF1AD	113	114	110	114					0
INTRA-LAB BLANK	JTJK91AA	116	102	107	113					0
CHECK SAMPLE	JTJK91AC	118	112	110	116					0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	1,2-Dichloroethane-d4	70	127
SRG 2	4-Bromofluorobenzene	78	118
SRG 3	Dibromofluoromethane	77	119
SRG 4	Toluene-d8	83	125

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7D060000-300C
Matrix:	WATER	**Lab WorkOrder:**	JTJK91AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 09:07
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	5.70	114		72 - 117
Acetone	10.0	8.16	82		48 - 130
Ethylbenzene	5.00	5.20	104		78 - 118
Trichlorofluoromethane	5.00	4.28	86		63 - 135
Hexachlorobutadiene	5.00	4.66	93		73 - 123
2-Hexanone	10.0	10.6	106		57 - 121
Isopropylbenzene	5.00	4.88	98		71 - 111
p-Isopropyltoluene	5.00	4.82	96		76 - 113
Methylene chloride	5.00	4.33	87		71 - 119
4-Methyl-2-pentanone	10.0	10.9	109		65 - 118
Naphthalene	5.00	4.05	81		62 - 121
Benzene	5.00	5.07	101		77 - 118
2-Pentanone	10.0	10.5	105		42 - 115
n-Propylbenzene	5.00	5.24	105		76 - 116
Styrene	5.00	4.45	89		77 - 117
1,1,2,2-Tetrachloroethane	5.00	5.25	105		77 - 117
1,1,2,2-Tetrachloroethane	5.00	4.92	98		73 - 119
Tetrachloroethene	5.00	5.35	107		77 - 117
Toluene	5.00	5.24	105		73 - 120
1,2,3-Trichlorobenzene	5.00	4.63	93		66 - 123
1,2,4-Trichlorobenzene	5.00	4.51	90		73 - 121
1,1,1-Trichloroethane	5.00	5.03	101		78 - 118
1,1,2-Trichloroethane	5.00	5.13	103		76 - 116
Trichloroethene	5.00	5.50	110		78 - 122
1,2,3-Trichloropropane	5.00	5.04	101		72 - 120
1,2,4-Trimethylbenzene	5.00	5.28	106		77 - 117
1,3,5-Trimethylbenzene	5.00	5.37	107		77 - 117
Vinyl acetate	5.00	6.83	137		63 - 124
Vinyl chloride	5.00	3.74	75		49 - 136

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7D060000-300C
Matrix:	WATER	**Lab WorkOrder:**	JTJK91AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 09:07
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
o-Xylene	5.00	5.41	108		77 - 117
Xylenes (total)	15.0	15.9	106		77 - 117
Methyl tert-butyl ether	10.0	8.46	85		58 - 116
m-Xylene & p-Xylene	10.0	10.5	105		78 - 118
Bromobenzene	5.00	5.28	106		75 - 115
Bromochloromethane	5.00	5.19	104		78 - 118
Bromodichloromethane	5.00	5.07	101		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	5.66	113		65 - 117
1,2-Dibromoethane (EDB)	5.00	5.39	108		77 - 117
2-Butanone (MEK)	10.0	9.98	100		57 - 120
Bromoform	5.00	4.84	97		74 - 121
Bromomethane	5.00	3.55	71		42 - 154
n-Butylbenzene	5.00	5.15	103		76 - 117
sec-Butylbenzene	5.00	5.21	104		80 - 120
tert-Butylbenzene	5.00	5.17	103		76 - 116
Carbon disulfide	5.00	3.33	67		56 - 104
Carbon tetrachloride	5.00	5.17	103		80 - 120
Chlorobenzene	5.00	5.05	101		78 - 118
Chlorodibromomethane	5.00	5.38	108		76 - 116
Chloroethane	5.00	3.58	72		51 - 133
2-Chloroethyl vinyl ether	5.00	3.43	69		17 - 150
Chloroform	5.00	4.89	98		78 - 118
Chloromethane	5.00	3.87	77		46 - 142
2-Chlorotoluene	5.00	5.32	106		76 - 116
4-Chlorotoluene	5.00	5.25	105		78 - 118
Dibromomethane	5.00	5.26	105		77 - 117
1,2-Dichlorobenzene	5.00	5.05	101		76 - 116
1,3-Dichlorobenzene	5.00	5.05	101		75 - 115
1,4-Dichlorobenzene	5.00	4.84	97		77 - 117

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7D060000-300C
Matrix:	WATER	**Lab WorkOrder:**	JTJK91AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 09:07
Sample Aliquot:	20 mL	**Instrument ID:**	R1
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Dichlorodifluoromethane	5.00	5.00	100		56 - 140
1,1-Dichloroethane	5.00	5.20	104		77 - 117
1,2-Dichloroethane	5.00	5.23	105		74 - 120
1,1-Dichloroethene	5.00	5.58	112		68 - 133
cis-1,2-Dichloroethene	5.00	5.03	101		75 - 115
trans-1,2-Dichloroethene	5.00	5.26	105		80 - 120
1,2-Dichloroethene (total)	10.0	10.3	103		78 - 118
1,2-Dichloropropane	5.00	5.43	109		76 - 116
1,3-Dichloropropane	5.00	5.11	102		75 - 115
2,2-Dichloropropane	5.00	5.09	102		72 - 128
1,1-Dichloropropene	5.00	5.13	103		75 - 115
cis-1,3-Dichloropropene	5.00	4.69	94		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	118	70	127	
2037-26-5	Toluene-d8	116	83	125	
1868-53-7	Dibromofluoromethane	110	77	119	
460-00-4	4-Bromofluorobenzene	112	78	118	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240165	**MS Lab Sample ID:**	D7C280311-011S
Matrix:	WATER	**MS Lab WorkOrder:**	JRXEF1AC
% Moisture:	N/A	**Date/Time Collected:**	03/27/07 10:09
Basis:	Wet	**Date/Time Received:**	03/27/07 18:05
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 11:06
MS Sample Aliquot:	20 mL	**Instrument ID:**	R1
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	5.00	0.17		4.41	88		77 - 117
1,1,1-Trichloroethane	5.00	4.6		8.51	78		78 - 118
1,1,2,2-Tetrachloroethane	5.00	0.20		4.34	87		73 - 119
1,1,2-Trichloroethane	5.00	0.32		4.28	86		76 - 116
1,1-Dichloroethane	5.00	2.9		7.21	87		77 - 117
1,1-Dichloroethene	5.00	1.4		5.82	88		68 - 133
1,1-Dichloropropene	5.00	0.15		4.46	89		75 - 115
1,2,3-Trichlorobenzene	5.00	0.18		3.83	77		66 - 123
1,2,3-Trichloropropane	5.00	0.27		3.85	77		72 - 120
1,2,4-Trichlorobenzene	5.00	0.32		3.72	74		73 - 121
1,2,4-Trimethylbenzene	5.00	0.14		4.53	91		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	5.00	1.5		5.39	108		65 - 117
1,2-Dibromoethane (EDB)	5.00	0.18		4.47	89		77 - 117
1,2-Dichlorobenzene	5.00	0.13		4.35	87		76 - 116
1,2-Dichloroethane	5.00	0.13		4.40	88		74 - 120
1,2-Dichloroethene (total)	10.0	0.15		8.76	88		78 - 118
1,2-Dichloropropane	5.00	0.13		4.60	92		76 - 116
1,3,5-Trimethylbenzene	5.00	0.14		4.56	91		77 - 117
1,3-Dichlorobenzene	5.00	0.16		4.24	85		75 - 115
1,3-Dichloropropane	5.00	0.15		4.41	88		75 - 115
1,4-Dichlorobenzene	5.00	0.16		4.14	83		77 - 117
2,2-Dichloropropane	5.00	0.20		4.37	87		72 - 128
2-Butanone (MEK)	10.0	1.8		7.30	73		57 - 120
2-Chloroethyl vinyl ether	5.00	0.74		0.74	0.0		17 - 150
2-Chlorotoluene	5.00	0.17		4.67	93		76 - 116
2-Hexanone	10.0	1.4		8.51	85		57 - 121
2-Pentanone	10.0	0.82		8.65	87		42 - 115
4-Chlorotoluene	5.00	0.17		4.46	89		78 - 118
4-Methyl-2-pentanone	10.0	0.49		9.20	92		65 - 118
Acetone	10.0	1.9		4.15	42		48 - 130

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240165	**MS Lab Sample ID:**	D7C280311-011S
Matrix:	WATER	**MS Lab WorkOrder:**	JRXEF1AC
% Moisture:	N/A	**Date/Time Collected:**	03/27/07 10:09
Basis:	Wet	**Date/Time Received:**	03/27/07 18:05
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 11:06
MS Sample Aliquot:	20 mL	**Instrument ID:**	R1
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Benzene	5.00	0.16		4.38	88		77 - 118
Bromobenzene	5.00	0.17		4.40	88		75 - 115
Bromochloromethane	5.00	0.10		4.30	86		78 - 118
Bromodichloromethane	5.00	0.17		4.19	84		78 - 118
Bromoform	5.00	0.19		4.05	81		74 - 121
Bromomethane	5.00	0.21		3.50	70		42 - 154
Carbon disulfide	5.00	0.45		2.84	57		56 - 104
Carbon tetrachloride	5.00	0.19		4.26	85		80 - 120
Chlorobenzene	5.00	0.17		4.38	88		78 - 118
Chlorodibromomethane	5.00	0.17		4.28	86		76 - 116
Chloroethane	5.00	0.41		4.01	80		51 - 133
Chloroform	5.00	0.16		4.38	88		78 - 118
Chloromethane	5.00	0.30		4.03	81		46 - 142
cis-1,2-Dichloroethene	5.00	0.15		4.37	87		75 - 115
cis-1,3-Dichloropropene	5.00	0.16		3.97	79		76 - 116
Dibromomethane	5.00	0.17		4.43	89		77 - 117
Dichlorodifluoromethane	5.00	0.31		4.19	84		56 - 140
Ethylbenzene	5.00	0.16		4.50	90		78 - 118
Hexachlorobutadiene	5.00	0.12		4.02	80		73 - 123
Isopropylbenzene	5.00	0.19		4.13	83		71 - 111
m-Xylene & p-Xylene	10.0	0.34		9.05	91		78 - 118
Methyl tert-butyl ether	10.0	0.25		7.13	71		58 - 116
Methylene chloride	5.00	0.32		4.33	87		71 - 119
n-Butylbenzene	5.00	0.14		4.39	88		76 - 117
n-Propylbenzene	5.00	0.16		4.56	91		76 - 116
Naphthalene	5.00	0.22		3.61	72		62 - 121
o-Xylene	5.00	0.19		4.59	92		77 - 117
p-Isopropyltoluene	5.00	0.17		4.76	95		76 - 113
sec-Butylbenzene	5.00	0.17		4.37	87		80 - 120
Styrene	5.00	0.17		3.60	72		77 - 117

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240165	**MS Lab Sample ID:**	D7C280311-011S
Matrix:	WATER	**MS Lab WorkOrder:**	JRXEF1AC
% Moisture:	N/A	**Date/Time Collected:**	03/27/07 10:09
Basis:	Wet	**Date/Time Received:**	03/27/07 18:05
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 11:06
MS Sample Aliquot:	20 mL	**Instrument ID:**	R1
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
tert-Butylbenzene	5.00	0.16		4.37	87		76 - 116
Tetrachloroethene	5.00	2.6		6.88	87		77 - 117
Toluene	5.00	0.17		4.48	90		73 - 120
trans-1,2-Dichloroethene	5.00	0.15		4.39	88		80 - 120
trans-1,3-Dichloropropene	5.00	0.19		5.13	103		72 - 117
Trichloroethene	5.00	0.16		4.90	88		78 - 122
Trichlorofluoromethane	5.00	0.29		4.42	88		63 - 135
Vinyl acetate	5.00	0.94		6.66	133		63 - 124
Vinyl chloride	5.00	0.17		4.04	81		49 - 136
Xylenes (total)	15.0	0.19		13.6	91		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	109	70	127	
460-00-4	4-Bromofluorobenzene	110	78	118	
1868-53-7	Dibromofluoromethane	111	77	119	
2037-26-5	Toluene-d8	115	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240165	**MSD Lab Sample ID:**	D7C280311-011D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRXEF1AD
% Moisture:	N/A	**Date/Time Collected:**	03/27/07 10:09
Basis:	Wet	**Date/Time Received:**	03/27/07 18:05
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 11:26
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R1
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	5.00	0.17		5.06	101	14		77 - 117	20
1,1,1-Trichloroethane	5.00	4.6		9.06	89	6.3		78 - 118	20
1,1,2,2-Tetrachloroethane	5.00	0.20		5.33	107	20		73 - 119	20
1,1,2-Trichloroethane	5.00	0.32		4.98	100	15		76 - 116	21
1,1-Dichloroethane	5.00	2.9		7.86	100	8.6		77 - 117	21
1,1-Dichloroethene	5.00	1.4		6.31	98	8.1		68 - 133	20
1,1-Dichloropropene	5.00	0.15		5.08	102	13		75 - 115	21
1,2,3-Trichlorobenzene	5.00	0.18		4.91	98	25		66 - 123	29
1,2,3-Trichloropropane	5.00	0.27		4.60	92	18		72 - 120	23
1,2,4-Trichlorobenzene	5.00	0.32		4.66	93	22		73 - 121	25
1,2,4-Trimethylbenzene	5.00	0.14		5.21	104	14		77 - 117	20
1,2-Dibromo-3-chloroprop	5.00	1.5		6.26	125	15		65 - 117	22
1,2-Dibromoethane (EDB)	5.00	0.18		5.20	104	15		77 - 117	20
1,2-Dichlorobenzene	5.00	0.13		4.99	100	14		76 - 116	20
1,2-Dichloroethane	5.00	0.13		5.06	101	14		74 - 120	20
1,2-Dichloroethene (total)	10.0	0.15		9.95	99	13		78 - 118	20
1,2-Dichloropropane	5.00	0.13		5.35	107	15		76 - 116	20
1,3,5-Trimethylbenzene	5.00	0.14		5.17	103	13		77 - 117	20
1,3-Dichlorobenzene	5.00	0.16		4.93	99	15		75 - 115	20
1,3-Dichloropropane	5.00	0.15		5.00	100	12		75 - 115	20
1,4-Dichlorobenzene	5.00	0.16		4.92	98	17		77 - 117	23
2,2-Dichloropropane	5.00	0.20		4.98	100	13		72 - 128	24
2-Butanone (MEK)	10.0	1.8		8.23	82	12		57 - 120	32
2-Chloroethyl vinyl ether	5.00	0.74		0.74	0.0	0.0		17 - 150	31
2-Chlorotoluene	5.00	0.17		5.03	101	7.4		76 - 116	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240165	**MSD Lab Sample ID:**	D7C280311-011D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRXEF1AD
% Moisture:	N/A	**Date/Time Collected:**	03/27/07 10:09
Basis:	Wet	**Date/Time Received:**	03/27/07 18:05
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 11:26
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R1
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
2-Hexanone	10.0	1.4		9.85	99	15		57 - 121	25
2-Pentanone	10.0	0.82		10.5	105	19		42 - 115	26
4-Chlorotoluene	5.00	0.17		5.17	103	15		78 - 118	20
4-Methyl-2-pentanone	10.0	0.49		10.8	108	16		65 - 118	22
Acetone	10.0	1.9		5.47	55	27		48 - 130	41
Benzene	5.00	0.16		5.02	100	14		77 - 118	20
Bromobenzene	5.00	0.17		5.10	102	15		75 - 115	20
Bromochloromethane	5.00	0.10		5.12	102	17		78 - 118	20
Bromodichloromethane	5.00	0.17		4.86	97	15		78 - 118	20
Bromoform	5.00	0.19		4.65	93	14		74 - 121	21
Bromomethane	5.00	0.21		3.74	75	6.8		42 - 154	24
Carbon disulfide	5.00	0.45		3.18	64	11		56 - 104	20
Carbon tetrachloride	5.00	0.19		4.85	97	13		80 - 120	21
Chlorobenzene	5.00	0.17		5.01	100	13		78 - 118	20
Chlorodibromomethane	5.00	0.17		5.08	102	17		76 - 116	20
Chloroethane	5.00	0.41		4.11	82	2.6		51 - 133	25
Chloroform	5.00	0.16		4.96	99	12		78 - 118	20
Chloromethane	5.00	0.30		4.12	82	2.2		46 - 142	24
cis-1,2-Dichloroethene	5.00	0.15		4.87	97	11		75 - 115	20
cis-1,3-Dichloropropene	5.00	0.16		4.57	91	14		76 - 116	20
Dibromomethane	5.00	0.17		5.04	101	13		77 - 117	20
Dichlorodifluoromethane	5.00	0.31		4.28	86	2.2		56 - 140	24
Ethylbenzene	5.00	0.16		5.21	104	15		78 - 118	26
Hexachlorobutadiene	5.00	0.12		3.90	78	3.1		73 - 123	25
Isopropylbenzene	5.00	0.19		4.84	97	16		71 - 111	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7C240165	**MSD Lab Sample ID:**	D7C280311-011D
Matrix:	WATER	**MSD Lab WorkOrder:**	JRXEF1AD
% Moisture:	N/A	**Date/Time Collected:**	03/27/07 10:09
Basis:	Wet	**Date/Time Received:**	03/27/07 18:05
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	04/05/07 07:00
QC Batch ID:	7096300	**Date/Time Analyzed:**	04/05/07 11:26
MSD Sample Aliquot:	20 mL	**Instrument ID:**	R1
MSD Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
m-Xylene & p-Xylene	10.0	0.34		10.3	103	13		78 - 118	20
Methyl tert-butyl ether	10.0	0.25		8.16	82	13		58 - 116	21
Methylene chloride	5.00	0.32		5.03	101	15		71 - 119	20
n-Butylbenzene	5.00	0.14		5.01	100	13		76 - 117	21
n-Propylbenzene	5.00	0.16		5.07	101	11		76 - 116	20
Naphthalene	5.00	0.22		4.48	90	22		62 - 121	32
o-Xylene	5.00	0.19		5.37	107	16		77 - 117	20
p-Isopropyltoluene	5.00	0.17		4.76	95	0.0		76 - 113	20
sec-Butylbenzene	5.00	0.17		4.89	98	11		80 - 120	21
Styrene	5.00	0.17		4.11	82	13		77 - 117	20
tert-Butylbenzene	5.00	0.16		4.97	99	13		76 - 116	21
Tetrachloroethene	5.00	2.6		7.49	99	8.4		77 - 117	20
Toluene	5.00	0.17		5.11	102	13		73 - 120	20
trans-1,2-Dichloroethene	5.00	0.15		5.08	102	14		80 - 120	24
trans-1,3-Dichloropropene	5.00	0.19		5.65	113	9.6		72 - 117	20
Trichloroethene	5.00	0.16		5.65	103	14		78 - 122	20
Trichlorofluoromethane	5.00	0.29		4.26	85	3.9		63 - 135	20
Vinyl acetate	5.00	0.94		7.26	145	8.6		63 - 124	24
Vinyl chloride	5.00	0.17		3.95	79	2.4		49 - 136	24
Xylenes (total)	15.0	0.19		15.6	104	14		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	113	70	127	
460-00-4	4-Bromofluorobenzene	114	78	118	
1868-53-7	Dibromofluoromethane	110	77	119	
2037-26-5	Toluene-d8	114	83	125	

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	R3601.D
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7D060000-300B
Matrix:	WATER	**Lab Work Order:**	JTJK91AA
Analysis Method:	8260B	**Date/Time Extracted:**	04/05/07 07:00
Extraction Method:	I25QK	**Date/Time Analyzed:**	04/05/07 08:47
QC Batch ID:	7096300	**Instrument ID:**	R1

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-116A-7AI	JRPL01AA	R3601.D	04/05/07	10:07
PL-101A-7AI	JRPLR1AA	R3607.D	04/05/07	12:06
LAB MS/MSD MS	JRXEF1AC S	R3604.D	04/05/07	11:06
LAB MS/MSD MSD	JRXEF1AD D	R3605.D	04/05/07	11:26
CHECK SAMPLE	JTJK91AC C	R3598.D	04/05/07	09:07

STL

Semivolatile GC

Lot ID: D7C240165

Client: CH2M Hill

Method: SW846 8015B DRO

Associated Samples: 002 - 005, 007, 008

Batch: 7086097

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-101A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-002
Matrix:	WATER	**Lab WorkOrder:**	JRPLR1AC
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 06:40
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/27/07 08
QC Batch ID:	7086097	**Date/Time Analyzed:**	03/29/07 05:56
Sample Aliquot:	1045 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.70**	0.032	0.25		
Q2210	TPH C10-C32	**0.71**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	99	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-38A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-003
Matrix:	WATER	**Lab WorkOrder:**	JRPLW1AC
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 07:31
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/27/07 08
QC Batch ID:	7086097	**Date/Time Analyzed:**	03/29/07 06:33
Sample Aliquot:	1052 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.39**	0.032	0.25		
Q2210	TPH C10-C32	**0.39**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	102	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-39A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-004
Matrix:	WATER	**Lab WorkOrder:**	JRPLX1AC
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 08:23
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/27/07 08
QC Batch ID:	7086097	**Date/Time Analyzed:**	03/29/07 07:09
Sample Aliquot:	1049 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.40**	0.032	0.25		
Q2210	TPH C10-C32	**0.40**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	97	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-116A-7AI
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-005
Matrix:	WATER	**Lab WorkOrder:**	JRPL01AC
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 09:15
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/27/07 08
QC Batch ID:	7086097	**Date/Time Analyzed:**	03/29/07 07:46
Sample Aliquot:	1047 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.16**	0.032	0.25		J
Q2210	TPH C10-C32	**0.17**	0.032	0.25	E4	J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	96	48	117		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-115A-7A1
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-007
Matrix:	WATER	**Lab WorkOrder:**	JRPL21AC
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 10:01
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/27/07 08
QC Batch ID:	7086097	**Date/Time Analyzed:**	03/29/07 08:22
Sample Aliquot:	1049 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.95**	0.032	0.25		
Q2210	TPH C10-C32	**0.96**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	93	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-516-7A1
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C240165-008
Matrix:	WATER	**Lab WorkOrder:**	JRPL41AC
% Moisture:	N/A	**Date/Time Collected:**	03/23/07 10:11
Basis:	Wet	**Date/Time Received:**	03/24/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/27/07 08
QC Batch ID:	7086097	**Date/Time Analyzed:**	03/29/07 08:59
Sample Aliquot:	1049 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**1.2**	0.032	0.25		
Q2210	TPH C10-C32	**1.2**	0.032	0.25		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.50		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	104	48	117		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C270000-097B
Matrix:	WATER	**Lab WorkOrder:**	JRRL81AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/27/07 08:00
QC Batch ID:	7086097	**Date/Time Analyzed:**	03/28/07 20:10
Sample Aliquot:	1000 mL	**Instrument ID:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1767	Diesel Range Organics (C10-C28)	0.032	0.032	0.25	
Q1770	TPH quantitated as Motor Oil(C24-C36)	0.056	0.056	0.50	
Q7210	TPH C10-C32	0.032	0.032	0.25	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	98	48	117	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09KI

Lot/SDG Number: D7C240165 **QC Batch ID:** 7086097

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-116A-7AI	JRPL01AC	96								0
ASE-115A-7A1	JRPL21AC	93								0
PL-516-7A1	JRPL41AC	104								0
PL-101A-7AI	JRPLR1AC	99								0
ASE-38A-7AI	JRPLW1AC	102								0
ASE-39A-7AI	JRPLX1AC	97								0
INTRA-LAB BLANK	JRRL81AA	98								0
CHECK SAMPLE	JRRL81AC	74								0

Surrogate Number	Surrogate Name	Lower Control Limit	Upper Control Limit
SRG 1	o-Terphenyl	50	115

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C270000-097C
Matrix:	WATER	**Lab WorkOrder:**	JRRL81AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	03/27/07 08:00
QC Batch ID:	7086097	**Date/Time Analyzed:**	03/28/07 20:47
Sample Aliquot:	1000 mL	**Instrument ID:**	U
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Diesel Range Organics	2.00	1.67	84		54 - 115
TPH C10 - C36	2.00	1.66	83		57 - 115
TPH C10 - C28	2.00	1.67	84		57 - 115
Diesel Range Organics (C10-C28)	2.00	1.67	84		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	74	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	025B2501.
Lot/SDG Number:	D7C240165	**Lab Sample ID:**	D7C270000-097B
Matrix:	WATER	**Lab Work Order:**	JRRL81AA
Analysis Method:	8015B	**Date/Time Extracted:**	03/27/07 08:00
Extraction Method:	I09KI	**Date/Time Analyzed:**	03/28/07 20:10
QC Batch ID:	7086097	**Instrument ID:**	U

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-116A-7AI	JRPL01AC	025B2501.	03/29/07	07:46
ASE-115A-7A1	JRPL21AC	026B2601.	03/29/07	08:22
PL-516-7A1	JRPL41AC	027B2701.	03/29/07	08:59
PL-101A-7AI	JRPLR1AC	022B2201.	03/29/07	05:56
ASE-38A-7AI	JRPLW1AC	023B2301.	03/29/07	06:33
ASE-39A-7AI	JRPLX1AC	024B2401.	03/29/07	07:09
CHECK SAMPLE	JRRL81AC C	007B0701.	03/28/07	20:47

23 3-2407 IR

STL Denver
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC # : 37380_070323A
Page 1 of 1
Lab Use Only
Project No:
Job No.

Client Contact: (name, co., address)
Jennifer Holland
CH2M HILL
2625 South Plaza Dr STE 300
Tempe, AZ 85282
480-377-6287

Sampler: Mike Wiese
Project Number:
Analysis Turnaround Time:
24 Hour - ☐
7 Day - ☐
14 Day - ☐
21 Day - ☐
28 Day - ☐
Normal TAT

Site Name: Sky Harbor AZ
Location of Site: Phoenix, AZ

	Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Preservation Used	Use for MS / MSD	Filtered Sample	Unfiltered Sample	SW8015	SW8260														Lab Sample Numbers
	Location ID	Field Sample ID																									
1	Trip Blank	TB-032307A	Mar 23 2007	0616	BLKWATER	WATER	2 ~~3~~	X			X		X														
2	~~ASE-37A~~	~~ASE-37A-7A1~~	~~Mar 23 2007~~		~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~	→ MFW													
3	PL-101A	PL-101A-7A1	Mar 23 2007	0640	GW	WATER	5	X			X	X	X														
4	ASE-38A	ASE-38A-7A1	Mar 23 2007	0731	GW	WATER	5	X			X	X	X														
5	ASE-39A	ASE-39A-7A1	Mar 23 2007	0823	GW	WATER	5	X			X	X	X														
6	ASE-116A	ASE-116A-7A1	Mar 23 2007	0915	GW	WATER	5	X			X	X	X														
7	EQUIPBLANK	PL-520-7A1	Mar 23 2007	0932	BLKWATER	WATER	3	X			X		X														
8	ASE-115A	ASE-115A-3A1	Mar 23/07	1001	GW	Water	5	X			X	X	X														
9	FIELDQC	PL-516-7A1	Mar 23/07	1011	GW	Water	5	X			X	X	X														
10																											
11																											
12																											
13																											
14																											
15																											
16																											
17																											
18																											
19																											
20																											
21																											
22																											
23																											

Special Instructions: Standard TAT 10 days.

Relinquished by:	Company:	Date/Time:	Received by:	Company:
MFW	HLA	03/23/07 14:30		Fed Ex
		3/24/07 0830	[signature]	STL

STL Denver

Sample Receiving Checklist

Lot #: D7C240165 Date/Time Received: 3.24.07 0830

Company Name & Sampling Site: Cr[illegible] Hill

PM to Complete This Section: *Yes* *No* *Yes* *No*

Residual chlorine check required: ☐ ☐ Quarantined : ☐ ☐

Quote #:

Special Instructions: 69074

6

Time Zone:

• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): 2

Temperatures (°C): ~~0.7~~ 2.3

0.7 see COC 4.23.07KL

N/A	Yes	No		Initials
☐	☑	☐	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	[illegible]
	☑	☐	2. Chain of custody present? If no, document on CUR.	
	☐	☑	3. Bottles broken and/or are leaking? If yes, document on CUR.	
	☐	☑	4. Multiphasic samples obvious? If yes, document on CUR.	
	☑	☐	5. Proper container & preservatives used? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR.	
☑	☐	☐	6. pH of all samples checked and meet requirements? If no, document on CUR.	
	☑	☐	7. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.	
	☐	☐	8. Did chain of custody agree with labels ID and samples received? If no, document on CUR.	
☐	☐	☐	9. Were VOA samples without headspace? If no, document on CUR.	
☐	☐	☐	10. Were VOA vials preserved? Preservative ☑HCl ☐4±2°C ☐Sodium Thiosulfate ☐ Ascorbic Acid	
	☐	☑	11. Did samples require preservation with sodium thiosulfate?	
☐	☐	☐	12. If yes to #11, did the samples contain residual chlorine? If yes, document on CUR.	
☐	☐	☐	13. Sediment present in dissolved/filtered bottles? If yes, document on CUR.	
☐	☐	☐	14. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☐	☐	15. Receipt date(s) > 48 hours past the collection date(s)? If yes, notify PA/PM.	
	☐	☐	16. Are analyses with short holding times requested?	
	☐	☐	17. Was a quick Turn Around (TAT) requested?	

STL Denver

Sample Receiving Checklist

Lot # D7C240165

Login Checks:

N/A	Yes	No		Initials
	☑	☐	18. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DEN-QA-0003) If no, document on CUR, and contact PM before proceeding.	
☑	☐	☐	19. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☑	☐	20. Did the chain of custody includes "received by" and "relinquished" by signatures, dates, and times?	
☐	☑	☐	21. Were special log in instructions read and followed?	
☑	☐	☐	22. Were AFCEE metals logged for refrigerated storage?	
	☑	☐	23. Were tests logged checked against the COC? Which samples were confirmed? _____	
☑	☐	☐	24. Was a Rush form completed for quick TAT?	
☑	☐	☐	25. Was a Short Hold form completed for any short holds?	
	☐	☑	26. Is "Strict ICOC" required?	
	☐	☑	27. Were special archiving instructions indicated in the General Comments? If so, what were they?	

_____

Labeling and Storage Checks:

				Initials
☑	☐	☐	28. Was the subcontract COC signed and sent with samples to bottle prep?	
	☑	☐	29. Were sample labels double-checked by a second person?	
☑	☐	☐	30. Were sample bottles and COC double checked for dissolved/filtered metals by a second person?	
	☑	☐	31. Did the sample ID, Date, and Time from label match what was logged?	
☑	☐	☐	32. Were stickers for special archiving instructions affixed to each box and to the ICOC? See #27	
☑	☐	☐	33. Were AFCEE metals stored refrigerated?	
☑	☐	☐	34. Were "Strict ICOC" copies given to satellite storage areas?	

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR).

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

February 2, 2007

Ms. Jennifer Holland
CH2M Hill
2625 S. Plaza Drive, Suite 300
Tempe, AZ 85282

RE: P2700136
Sky Harbor

Dear Ms. Holland:

Enclosed are the results of the sample(s) submitted to our laboratory on January 18, 2007.
For your reference, these analyses have been assigned our service request number P2700136.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Your report contains 53 pages.

Columbia Analytical Services is certified by the California Department of Health Services, Certificate No. 2380; Arizona Department of Health Services, Certificate No. AZ0694; New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID #CA009; New York State Department of Health, NELAP NY Lab ID No: 11221; Oregon Environmental Laboratory Accreditation Program, NELAP ID: CA20007; The American Industrial Hygiene Association, Laboratory #101661. Please contact me for specific method(s) and analyte(s) corresponding to a particular certification.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

Columbia Analytical Services, Inc.

Kate Aguilera

Kate Aguilera
Project Manager

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2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

LABORATORY REPORT

Client:	CH2M HILL	Date of Report:	02/02/07
Address:	2625 S. Plaza Drive, Suite 300	Date Received:	01/18/07
	Tempe, AZ 85282	CAS Project No:	P2700136
Contact:	Ms. Jennifer Holland	Purchase Order:	2959482
Client Project ID:	Sky Harbor	Arizona License No.:	AZ0694

Eight (8) Stainless Steel Summa Canisters labeled:

"Ambient-01_011607"	"Ambient-02_011607"	"Ambient-03_011607"
"Ambient-04_011607"	"MH-FN4-2-OP_011607"	"HH-FN4-5-CL_011607"
"Vault-D01_011607"	"HH-FN4-5-OP_011607"	

The samples were received at the laboratory under chain of custody on January 18, 2007. The samples were received intact. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time that they were received at the laboratory. The laboratory is Arizona certified for EPA Method TO-15; results reported utilizing EPA Method TO-15 modified are not for compliance purposes.

Volatile Organic Compound Analysis

The samples were analyzed by combined gas chromatography/mass spectrometry (GC/MS) for selected volatile organic compounds. The samples were also analyzed by combined gas chromatography/mass spectrometry (GC/MS) in selective ion monitoring (SIM) mode for selected volatile organic compounds The analyses were performed according to the methodology outlined in EPA Method TO-15. The analyses were performed by gas chromatography/mass spectrometry, utilizing a direct cryogenic trapping technique. The analytical systems used were comprised of an Agilent Model 5973inert GC/MS/DS and an Agilent Model 5973N GC/MS/DS each interfaced to a Tekmar AutoCan Elite whole air inlet system/cryogenic concentrator. A 100% Dimethylpolysiloxane capillary column (RT_x-1, Restek Corporation, Bellefonte, PA) was used to achieve chromatographic separation.

Reviewed and Approved:

Liliana Marghitoiu
Analytical Chemist
Air Quality Laboratory

Reviewed and Approved:

Chris Parnell
GCMS-VOA Team Leader
Air Quality Laboratory

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2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

CAS Project No: P2700136

The results of analyses are given on the attached data sheets. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

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COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-01_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00731

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -0.8 Pf 1 = 3.6

Can D.F. = 1.32

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	0.66	0.066	**0.43**	0.13	0.015	
74-87-3	Chloromethane	**0.60**	0.66	0.13	**0.29**	0.32	0.062	**J**
75-01-4	Vinyl Chloride	0.66	0.66	0.16	0.26	0.26	0.062	**U**
74-83-9	Bromomethane	0.66	0.66	0.18	0.17	0.17	0.049	**U**
75-00-3	Chloroethane	0.66	0.66	0.087	0.25	0.25	0.034	**U**
107-02-8	Acrolein	**0.30**	0.66	0.13	**0.13**	0.29	0.058	**J**
67-64-1	Acetone	**4.3**	6.6	0.11	**1.8**	2.8	0.046	**J, B**
75-69-4	Trichlorofluoromethane	**1.0**	0.66	0.11	**0.18**	0.12	0.020	
107-13-1	Acrylonitrile	0.66	0.66	0.066	0.30	0.30	0.032	**U**
75-35-4	1,1-Dichloroethene	0.66	0.66	0.066	0.17	0.17	0.017	**U**
75-09-2	Methylene chloride	**0.20**	0.66	0.087	**0.059**	0.19	0.026	**J**
76-13-1	Trichlorotrifluoroethane	**0.53**	0.66	0.13	**0.069**	0.086	0.018	**J**
75-15-0	Carbon Disulfide	**0.20**	0.66	0.066	**0.064**	0.21	0.022	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.66	0.66	0.067	0.17	0.17	0.017	**U**
75-34-3	1,1-Dichloroethane	0.66	0.66	0.066	0.16	0.16	0.017	**U**
1634-04-4	Methyl tert-Butyl Ether	0.66	0.66	0.066	0.18	0.18	0.018	**U**
108-05-4	Vinyl Acetate	1.3	1.3	0.33	0.38	0.38	0.095	**U**
78-93-3	2-Butanone (MEK)	**0.89**	0.66	0.16	**0.30**	0.22	0.054	
156-59-2	cis-1,2-Dichloroethene	0.66	0.66	0.066	0.17	0.17	0.017	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: W Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-01_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00731

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -0.8 Pf 1 = 3.6

Can D.F. = 1.32

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.66	0.66	0.066	0.14	0.14	0.015	U
107-06-2	1,2-Dichloroethane	0.66	0.66	0.087	0.16	0.16	0.022	U
71-55-6	1,1,1-Trichloroethane	0.66	0.66	0.066	0.12	0.12	0.012	U
71-43-2	Benzene	**0.52**	0.66	0.21	**0.16**	0.21	0.067	J
56-23-5	Carbon Tetrachloride	**0.41**	0.66	0.13	**0.066**	0.10	0.021	J
78-87-5	1,2-Dichloropropane	0.66	0.66	0.075	0.14	0.14	0.017	U
75-27-4	Bromodichloromethane	0.66	0.66	0.11	0.099	0.099	0.017	U
79-01-6	Trichloroethene	**0.15**	0.66	0.098	**0.028**	0.12	0.018	J, B
10061-01-5	cis-1,3-Dichloropropene	0.66	0.66	0.066	0.15	0.15	0.016	U
108-10-1	4-Methyl-2-pentanone	**0.088**	0.66	0.074	**0.022**	0.16	0.018	J
10061-02-6	trans-1,3-Dichloropropene	0.66	0.66	0.090	0.15	0.15	0.020	U
79-00-5	1,1,2-Trichloroethane	0.66	0.66	0.15	0.12	0.12	0.028	U
108-88-3	Toluene	**1.0**	0.66	0.066	**0.27**	0.18	0.018	
591-78-6	2-Hexanone	**0.071**	0.66	0.066	**0.017**	0.16	0.017	J
124-48-1	Dibromochloromethane	0.66	0.66	0.069	0.078	0.078	0.0082	U
106-93-4	1,2-Dibromoethane	0.66	0.66	0.077	0.086	0.086	0.010	U
127-18-4	Tetrachloroethene	**0.15**	0.66	0.086	**0.022**	0.097	0.013	J
108-90-7	Chlorobenzene	0.66	0.66	0.066	0.14	0.14	0.015	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: ω Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-01_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00731

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -0.8 Pf 1 = 3.6

Can D.F. = 1.32

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.15**	0.66	0.066	**0.033**	0.15	0.016	**J**
179601-23-1	*m,p*-Xylenes	**0.50**	1.3	0.13	**0.11**	0.30	0.032	**J**
75-25-2	Bromoform	0.66	0.66	0.13	0.064	0.064	0.013	**U**
100-42-5	Styrene	**0.078**	0.66	0.066	**0.018**	0.16	0.016	**J**
95-47-6	o-Xylene	**0.15**	0.66	0.066	**0.034**	0.15	0.016	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.66	0.66	0.081	0.096	0.096	0.012	**U**
98-82-8	Cumene	0.66	0.66	0.066	0.13	0.13	0.015	**U**
103-65-1	n-Propylbenzene	0.66	0.66	0.066	0.13	0.13	0.015	**U**
108-67-8	1,3,5-Trimethylbenzene	0.66	0.66	0.25	0.13	0.13	0.051	**U**
95-63-6	1,2,4-Trimethylbenzene	0.66	0.66	0.32	0.13	0.13	0.065	**U**
541-73-1	1,3-Dichlorobenzene	0.66	0.66	0.087	0.11	0.11	0.015	**U**
106-46-7	1,4-Dichlorobenzene	0.66	0.66	0.092	0.11	0.11	0.016	**U**
135-98-8	sec-Butylbenzene	0.66	0.66	0.092	0.12	0.12	0.017	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.66	0.66	0.16	0.12	0.12	0.029	**U**
95-50-1	1,2-Dichlorobenzene	0.66	0.66	0.16	0.11	0.11	0.026	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.66	0.66	0.13	0.068	0.068	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.66	0.66	0.29	0.089	0.089	0.040	**U**
91-20-3	Naphthalene	**0.62**	0.66	0.32	**0.12**	0.13	0.061	**J**
87-68-3	Hexachlorobutadiene	0.66	0.66	0.13	0.062	0.062	0.012	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-01_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-001DUP

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00731

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -0.8 Pf 1 = 3.6

Can D.F. = 1.32

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.0**	0.66	0.066	**0.41**	0.13	0.015	
74-87-3	Chloromethane	**0.45**	0.66	0.13	**0.22**	0.32	0.062	**J**
75-01-4	Vinyl Chloride	0.66	0.66	0.16	0.26	0.26	0.062	**U**
74-83-9	Bromomethane	0.66	0.66	0.18	0.17	0.17	0.049	**U**
75-00-3	Chloroethane	0.66	0.66	0.087	0.25	0.25	0.034	**U**
107-02-8	Acrolein	**0.27**	0.66	0.13	**0.12**	0.29	0.058	**J**
67-64-1	Acetone	**4.2**	6.6	0.11	**1.8**	2.8	0.046	**J, B**
75-69-4	Trichlorofluoromethane	**0.99**	0.66	0.11	**0.18**	0.12	0.020	
107-13-1	Acrylonitrile	0.66	0.66	0.066	0.30	0.30	0.032	**U**
75-35-4	1,1-Dichloroethene	0.66	0.66	0.066	0.17	0.17	0.017	**U**
75-09-2	Methylene chloride	**0.19**	0.66	0.087	**0.056**	0.19	0.026	**J**
76-13-1	Trichlorotrifluoroethane	**0.51**	0.66	0.13	**0.067**	0.086	0.018	**J**
75-15-0	Carbon Disulfide	**0.18**	0.66	0.066	**0.057**	0.21	0.022	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.66	0.66	0.067	0.17	0.17	0.017	**U**
75-34-3	1,1-Dichloroethane	0.66	0.66	0.066	0.16	0.16	0.017	**U**
1634-04-4	Methyl tert-Butyl Ether	0.66	0.66	0.066	0.18	0.18	0.018	**U**
108-05-4	Vinyl Acetate	1.3	1.3	0.33	0.38	0.38	0.095	**U**
78-93-3	2-Butanone (MEK)	**0.91**	0.66	0.16	**0.31**	0.22	0.054	
156-59-2	cis-1,2-Dichloroethene	0.66	0.66	0.066	0.17	0.17	0.017	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-01_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-001DUP

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00731

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -0.8 Pf 1 = 3.6

Can D.F. = 1.32

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.66	0.66	0.066	0.14	0.14	0.015	U
107-06-2	1,2-Dichloroethane	0.66	0.66	0.087	0.16	0.16	0.022	U
71-55-6	1,1,1-Trichloroethane	0.66	0.66	0.066	0.12	0.12	0.012	U
71-43-2	Benzene	**0.53**	0.66	0.21	**0.16**	0.21	0.067	J
56-23-5	Carbon Tetrachloride	**0.41**	0.66	0.13	**0.065**	0.10	0.021	J
78-87-5	1,2-Dichloropropane	0.66	0.66	0.075	0.14	0.14	0.017	U
75-27-4	Bromodichloromethane	0.66	0.66	0.11	0.099	0.099	0.017	U
79-01-6	Trichloroethene	**0.15**	0.66	0.098	**0.028**	0.12	0.018	J, B
10061-01-5	cis-1,3-Dichloropropene	0.66	0.66	0.066	0.15	0.15	0.016	U
108-10-1	4-Methyl-2-pentanone	**0.077**	0.66	0.074	**0.019**	0.16	0.018	J
10061-02-6	trans-1,3-Dichloropropene	0.66	0.66	0.090	0.15	0.15	0.020	U
79-00-5	1,1,2-Trichloroethane	0.66	0.66	0.15	0.12	0.12	0.028	U
108-88-3	Toluene	**1.0**	0.66	0.066	**0.26**	0.18	0.018	
591-78-6	2-Hexanone	**0.082**	0.66	0.066	**0.020**	0.16	0.017	J
124-48-1	Dibromochloromethane	0.66	0.66	0.069	0.078	0.078	0.0082	U
106-93-4	1,2-Dibromoethane	0.66	0.66	0.077	0.086	0.086	0.010	U
127-18-4	Tetrachloroethene	**0.15**	0.66	0.086	**0.021**	0.097	0.013	J
108-90-7	Chlorobenzene	0.66	0.66	0.066	0.14	0.14	0.015	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MV Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-01_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-001DUP

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00731

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -0.8 3.6

Can D.F. = 1.32

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.14**	0.66	0.066	**0.032**	0.15	0.016	**J**
179601-23-1	*m,p* -Xylenes	**0.49**	1.3	0.13	**0.11**	0.30	0.032	**J**
75-25-2	Bromoform	0.66	0.66	0.13	0.064	0.064	0.013	**U**
100-42-5	Styrene	**0.069**	0.66	0.066	**0.016**	0.16	0.016	**J**
95-47-6	o-Xylene	**0.14**	0.66	0.066	**0.033**	0.15	0.016	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.66	0.66	0.081	0.096	0.096	0.012	**U**
98-82-8	Cumene	0.66	0.66	0.066	0.13	0.13	0.015	**U**
103-65-1	n-Propylbenzene	0.66	0.66	0.066	0.13	0.13	0.015	**U**
108-67-8	1,3,5-Trimethylbenzene	0.66	0.66	0.25	0.13	0.13	0.051	**U**
95-63-6	1,2,4-Trimethylbenzene	0.66	0.66	0.32	0.13	0.13	0.065	**U**
541-73-1	1,3-Dichlorobenzene	0.66	0.66	0.087	0.11	0.11	0.015	**U**
106-46-7	1,4-Dichlorobenzene	0.66	0.66	0.092	0.11	0.11	0.016	**U**
135-98-8	sec-Butylbenzene	0.66	0.66	0.092	0.12	0.12	0.017	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.66	0.66	0.16	0.12	0.12	0.029	**U**
95-50-1	1,2-Dichlorobenzene	0.66	0.66	0.16	0.11	0.11	0.026	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.66	0.66	0.13	0.068	0.068	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.66	0.66	0.29	0.089	0.089	0.040	**U**
91-20-3	Naphthalene	0.66	0.66	0.32	0.13	0.13	0.061	**U**
87-68-3	Hexachlorobutadiene	0.66	0.66	0.13	0.062	0.062	0.012	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-02_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01065

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.7 Pf 1 = 3.6

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	0.71	0.071	**0.43**	0.14	0.016	
74-87-3	Chloromethane	**0.62**	0.71	0.14	**0.30**	0.34	0.066	**J**
75-01-4	Vinyl Chloride	0.71	0.71	0.17	0.28	0.28	0.066	**U**
74-83-9	Bromomethane	0.71	0.71	0.20	0.18	0.18	0.052	**U**
75-00-3	Chloroethane	0.71	0.71	0.093	0.27	0.27	0.037	**U**
107-02-8	Acrolein	**0.66**	0.71	0.14	**0.29**	0.31	0.062	**J**
67-64-1	Acetone	**6.4**	7.1	0.12	**2.7**	3.0	0.049	**J, B**
75-69-4	Trichlorofluoromethane	**1.0**	0.71	0.11	**0.19**	0.13	0.021	
107-13-1	Acrylonitrile	0.71	0.71	0.071	0.32	0.32	0.034	**U**
75-35-4	1,1-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**
75-09-2	Methylene chloride	**0.16**	0.71	0.093	**0.047**	0.20	0.028	**J**
76-13-1	Trichlorotrifluoroethane	**0.53**	0.71	0.14	**0.069**	0.092	0.020	**J**
75-15-0	Carbon Disulfide	**0.17**	0.71	0.071	**0.055**	0.23	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.71	0.71	0.072	0.18	0.18	0.018	**U**
75-34-3	1,1-Dichloroethane	0.71	0.71	0.071	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.71	0.71	0.071	0.20	0.20	0.020	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.35	0.40	0.40	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.6**	0.71	0.17	**0.54**	0.24	0.058	
156-59-2	cis-1,2-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-02_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01065

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.7 Pf 1 = 3.6

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.71	0.71	0.071	0.14	0.14	0.016	U
107-06-2	1,2-Dichloroethane	0.71	0.71	0.093	0.17	0.17	0.024	U
71-55-6	1,1,1-Trichloroethane	0.71	0.71	0.071	0.13	0.13	0.013	U
71-43-2	Benzene	**0.58**	0.71	0.23	**0.18**	0.22	0.072	J
56-23-5	Carbon Tetrachloride	**0.44**	0.71	0.14	**0.070**	0.11	0.023	J
78-87-5	1,2-Dichloropropane	0.71	0.71	0.080	0.15	0.15	0.018	U
75-27-4	Bromodichloromethane	0.71	0.71	0.11	0.11	0.11	0.018	U
79-01-6	Trichloroethene	**0.56**	0.71	0.10	**0.10**	0.13	0.020	J, B
10061-01-5	cis-1,3-Dichloropropene	0.71	0.71	0.071	0.16	0.16	0.017	U
108-10-1	4-Methyl-2-pentanone	0.71	0.71	0.079	0.17	0.17	0.020	U
10061-02-6	trans-1,3-Dichloropropene	0.71	0.71	0.096	0.16	0.16	0.021	U
79-00-5	1,1,2-Trichloroethane	0.71	0.71	0.16	0.13	0.13	0.030	U
108-88-3	Toluene	**0.59**	0.71	0.071	**0.16**	0.19	0.020	J
591-78-6	2-Hexanone	**0.15**	0.71	0.071	**0.035**	0.17	0.018	J
124-48-1	Dibromochloromethane	0.71	0.71	0.073	0.083	0.083	0.0087	U
106-93-4	1,2-Dibromoethane	0.71	0.71	0.082	0.092	0.092	0.011	U
127-18-4	Tetrachloroethene	0.71	0.71	0.092	0.10	0.10	0.014	U
108-90-7	Chlorobenzene	0.71	0.71	0.071	0.15	0.15	0.016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-02_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01065

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.7 Pf 1 = 3.6

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.22**	0.71	0.071	**0.051**	0.16	0.017	**J**
179601-23-1	*m,p* -Xylenes	**0.88**	1.4	0.14	**0.20**	0.32	0.034	**J**
75-25-2	Bromoform	0.71	0.71	0.14	0.068	0.068	0.014	**U**
100-42-5	Styrene	**0.072**	0.71	0.071	**0.017**	0.17	0.017	**J**
95-47-6	o-Xylene	**0.30**	0.71	0.071	**0.069**	0.16	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.71	0.71	0.086	0.10	0.10	0.013	**U**
98-82-8	Cumene	0.71	0.71	0.071	0.14	0.14	0.016	**U**
103-65-1	n-Propylbenzene	**0.072**	0.71	0.071	**0.015**	0.14	0.016	**J**
108-67-8	1,3,5-Trimethylbenzene	0.71	0.71	0.27	0.14	0.14	0.055	**U**
95-63-6	1,2,4-Trimethylbenzene	0.71	0.71	0.34	0.14	0.14	0.069	**U**
541-73-1	1,3-Dichlorobenzene	0.71	0.71	0.093	0.12	0.12	0.016	**U**
106-46-7	1,4-Dichlorobenzene	0.71	0.71	0.099	0.12	0.12	0.017	**U**
135-98-8	sec-Butylbenzene	0.71	0.71	0.099	0.13	0.13	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.71	0.71	0.17	0.13	0.13	0.031	**U**
95-50-1	1,2-Dichlorobenzene	0.71	0.71	0.17	0.12	0.12	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.71	0.71	0.14	0.073	0.073	0.016	**U**
120-82-1	1,2,4-Trichlorobenzene	0.71	0.71	0.31	0.095	0.095	0.042	**U**
91-20-3	Naphthalene	0.71	0.71	0.34	0.13	0.13	0.065	**U**
87-68-3	Hexachlorobutadiene	0.71	0.71	0.14	0.066	0.066	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-03_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00915

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	0.71	0.071	**0.43**	0.14	0.016	
74-87-3	Chloromethane	**0.65**	0.71	0.14	**0.31**	0.34	0.066	**J**
75-01-4	Vinyl Chloride	0.71	0.71	0.17	0.28	0.28	0.066	**U**
74-83-9	Bromomethane	0.71	0.71	0.20	0.18	0.18	0.052	**U**
75-00-3	Chloroethane	0.71	0.71	0.093	0.27	0.27	0.037	**U**
107-02-8	Acrolein	**0.79**	0.71	0.14	**0.34**	0.31	0.062	
67-64-1	Acetone	**7.5**	7.1	0.12	**3.2**	3.0	0.049	**B**
75-69-4	Trichlorofluoromethane	**1.1**	0.71	0.11	**0.19**	0.13	0.021	
107-13-1	Acrylonitrile	0.71	0.71	0.071	0.32	0.32	0.034	**U**
75-35-4	1,1-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**
75-09-2	Methylene chloride	**0.16**	0.71	0.093	**0.045**	0.20	0.028	**J**
76-13-1	Trichlorotrifluoroethane	**0.53**	0.71	0.14	**0.069**	0.092	0.020	**J**
75-15-0	Carbon Disulfide	**0.15**	0.71	0.071	**0.049**	0.23	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.71	0.71	0.072	0.18	0.18	0.018	**U**
75-34-3	1,1-Dichloroethane	0.71	0.71	0.071	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.71	0.71	0.071	0.20	0.20	0.020	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.35	0.40	0.40	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.6**	0.71	0.17	**0.54**	0.24	0.058	
156-59-2	cis-1,2-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-03_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00915

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.71	0.71	0.071	0.14	0.14	0.016	U
107-06-2	1,2-Dichloroethane	0.71	0.71	0.093	0.17	0.17	0.024	U
71-55-6	1,1,1-Trichloroethane	0.71	0.71	0.071	0.13	0.13	0.013	U
71-43-2	Benzene	**0.50**	0.71	0.23	**0.16**	0.22	0.072	J
56-23-5	Carbon Tetrachloride	**0.43**	0.71	0.14	**0.069**	0.11	0.023	J
78-87-5	1,2-Dichloropropane	0.71	0.71	0.080	0.15	0.15	0.018	U
75-27-4	Bromodichloromethane	0.71	0.71	0.11	0.11	0.11	0.018	U
79-01-6	Trichloroethene	**0.22**	0.71	0.10	**0.040**	0.13	0.020	J, B
10061-01-5	cis-1,3-Dichloropropene	0.71	0.71	0.071	0.16	0.16	0.017	U
108-10-1	4-Methyl-2-pentanone	0.71	0.71	0.079	0.17	0.17	0.020	U
10061-02-6	trans-1,3-Dichloropropene	0.71	0.71	0.096	0.16	0.16	0.021	U
79-00-5	1,1,2-Trichloroethane	0.71	0.71	0.16	0.13	0.13	0.030	U
108-88-3	Toluene	**0.42**	0.71	0.071	**0.11**	0.19	0.020	J
591-78-6	2-Hexanone	**0.18**	0.71	0.071	**0.043**	0.17	0.018	J
124-48-1	Dibromochloromethane	0.71	0.71	0.073	0.083	0.083	0.0087	U
106-93-4	1,2-Dibromoethane	0.71	0.71	0.082	0.092	0.092	0.011	U
127-18-4	Tetrachloroethene	0.71	0.71	0.092	0.10	0.10	0.014	U
108-90-7	Chlorobenzene	0.71	0.71	0.071	0.15	0.15	0.016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-03_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00915

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.11**	0.71	0.071	**0.026**	0.16	0.017	**J**
179601-23-1	*m,p* -Xylenes	**0.41**	1.4	0.14	**0.095**	0.32	0.034	**J**
75-25-2	Bromoform	0.71	0.71	0.14	0.068	0.068	0.014	**U**
100-42-5	Styrene	0.71	0.71	0.071	0.17	0.17	0.017	**U**
95-47-6	o-Xylene	**0.10**	0.71	0.071	**0.024**	0.16	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.71	0.71	0.086	0.10	0.10	0.013	**U**
98-82-8	Cumene	0.71	0.71	0.071	0.14	0.14	0.016	**U**
103-65-1	n-Propylbenzene	0.71	0.71	0.071	0.14	0.14	0.016	**U**
108-67-8	1,3,5-Trimethylbenzene	0.71	0.71	0.27	0.14	0.14	0.055	**U**
95-63-6	1,2,4-Trimethylbenzene	0.71	0.71	0.34	0.14	0.14	0.069	**U**
541-73-1	1,3-Dichlorobenzene	0.71	0.71	0.093	0.12	0.12	0.016	**U**
106-46-7	1,4-Dichlorobenzene	0.71	0.71	0.099	0.12	0.12	0.017	**U**
135-98-8	sec-Butylbenzene	0.71	0.71	0.099	0.13	0.13	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.71	0.71	0.17	0.13	0.13	0.031	**U**
95-50-1	1,2-Dichlorobenzene	0.71	0.71	0.17	0.12	0.12	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.71	0.71	0.14	0.073	0.073	0.016	**U**
120-82-1	1,2,4-Trichlorobenzene	0.71	0.71	0.31	0.095	0.095	0.042	**U**
91-20-3	Naphthalene	0.71	0.71	0.34	0.13	0.13	0.065	**U**
87-68-3	Hexachlorobutadiene	0.71	0.71	0.14	0.066	0.066	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-04_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00973

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.6

Can D.F. = 1.42

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	0.71	0.071	**0.43**	0.14	0.016	
74-87-3	Chloromethane	**0.64**	0.71	0.14	**0.31**	0.34	0.067	**J**
75-01-4	Vinyl Chloride	0.71	0.71	0.17	0.28	0.28	0.067	**U**
74-83-9	Bromomethane	0.71	0.71	0.20	0.18	0.18	0.053	**U**
75-00-3	Chloroethane	0.71	0.71	0.094	0.27	0.27	0.037	**U**
107-02-8	Acrolein	**0.30**	0.71	0.14	**0.13**	0.31	0.062	**J**
67-64-1	Acetone	**4.1**	7.1	0.12	**1.7**	3.0	0.050	**J, B**
75-69-4	Trichlorofluoromethane	**1.0**	0.71	0.11	**0.19**	0.13	0.021	
107-13-1	Acrylonitrile	0.71	0.71	0.071	0.33	0.33	0.034	**U**
75-35-4	1,1-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**
75-09-2	Methylene chloride	**0.17**	0.71	0.094	**0.049**	0.20	0.028	**J**
76-13-1	Trichlorotrifluoroethane	**0.53**	0.71	0.14	**0.070**	0.093	0.020	**J**
75-15-0	Carbon Disulfide	**0.15**	0.71	0.071	**0.050**	0.23	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.71	0.71	0.072	0.18	0.18	0.018	**U**
75-34-3	1,1-Dichloroethane	0.71	0.71	0.071	0.18	0.18	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.71	0.71	0.071	0.20	0.20	0.020	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.36	0.40	0.40	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.0**	0.71	0.17	**0.34**	0.24	0.058	
156-59-2	cis-1,2-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MI Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-04_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00973

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.6

Can D.F. = 1.42

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.71	0.71	0.071	0.15	0.15	0.016	U
107-06-2	1,2-Dichloroethane	0.71	0.71	0.094	0.18	0.18	0.024	U
71-55-6	1,1,1-Trichloroethane	0.71	0.71	0.071	0.13	0.13	0.013	U
71-43-2	Benzene	**0.54**	0.71	0.23	**0.17**	0.22	0.072	J
56-23-5	Carbon Tetrachloride	**0.43**	0.71	0.14	**0.068**	0.11	0.023	J
78-87-5	1,2-Dichloropropane	0.71	0.71	0.081	0.15	0.15	0.018	U
75-27-4	Bromodichloromethane	0.71	0.71	0.12	0.11	0.11	0.018	U
79-01-6	Trichloroethene	**0.22**	0.71	0.11	**0.040**	0.13	0.020	J, B
10061-01-5	cis-1,3-Dichloropropene	0.71	0.71	0.071	0.16	0.16	0.017	U
108-10-1	4-Methyl-2-pentanone	0.71	0.71	0.080	0.17	0.17	0.020	U
10061-02-6	trans-1,3-Dichloropropene	0.71	0.71	0.097	0.16	0.16	0.021	U
79-00-5	1,1,2-Trichloroethane	0.71	0.71	0.16	0.13	0.13	0.030	U
108-88-3	Toluene	**0.51**	0.71	0.071	**0.13**	0.19	0.020	J
591-78-6	2-Hexanone	**0.080**	0.71	0.071	**0.019**	0.17	0.018	J
124-48-1	Dibromochloromethane	0.71	0.71	0.074	0.083	0.083	0.0088	U
106-93-4	1,2-Dibromoethane	0.71	0.71	0.082	0.092	0.092	0.011	U
127-18-4	Tetrachloroethene	0.71	0.71	0.092	0.10	0.10	0.014	U
108-90-7	Chlorobenzene	0.71	0.71	0.071	0.15	0.15	0.016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-04_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00973

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.6

Can D.F. = 1.42

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.12**	0.71	0.071	**0.028**	0.16	0.017	**J**
179601-23-1	*m,p* -Xylenes	**0.44**	1.4	0.14	**0.10**	0.33	0.034	**J**
75-25-2	Bromoform	0.71	0.71	0.14	0.069	0.069	0.014	**U**
100-42-5	Styrene	0.71	0.71	0.071	0.17	0.17	0.017	**U**
95-47-6	o-Xylene	**0.13**	0.71	0.071	**0.029**	0.16	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.71	0.71	0.087	0.10	0.10	0.013	**U**
98-82-8	Cumene	0.71	0.71	0.071	0.14	0.14	0.016	**U**
103-65-1	n-Propylbenzene	0.71	0.71	0.071	0.14	0.14	0.016	**U**
108-67-8	1,3,5-Trimethylbenzene	0.71	0.71	0.27	0.14	0.14	0.055	**U**
95-63-6	1,2,4-Trimethylbenzene	0.71	0.71	0.34	0.14	0.14	0.070	**U**
541-73-1	1,3-Dichlorobenzene	0.71	0.71	0.094	0.12	0.12	0.016	**U**
106-46-7	1,4-Dichlorobenzene	0.71	0.71	0.099	0.12	0.12	0.017	**U**
135-98-8	sec-Butylbenzene	0.71	0.71	0.099	0.13	0.13	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.71	0.71	0.17	0.13	0.13	0.031	**U**
95-50-1	1,2-Dichlorobenzene	0.71	0.71	0.17	0.12	0.12	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.71	0.71	0.14	0.073	0.073	0.016	**U**
120-82-1	1,2,4-Trichlorobenzene	0.71	0.71	0.31	0.096	0.096	0.043	**U**
91-20-3	Naphthalene	0.71	0.71	0.34	0.14	0.14	0.065	**U**
87-68-3	Hexachlorobutadiene	0.71	0.71	0.14	0.067	0.067	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **MH-FN4-2-OP_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00770

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.6

Can D.F. = 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	0.70	0.070	**0.43**	0.14	0.015	
74-87-3	Chloromethane	**0.60**	0.70	0.13	**0.29**	0.34	0.065	**J**
75-01-4	Vinyl Chloride	0.70	0.70	0.17	0.27	0.27	0.065	**U**
74-83-9	Bromomethane	0.70	0.70	0.19	0.18	0.18	0.051	**U**
75-00-3	Chloroethane	0.70	0.70	0.092	0.26	0.26	0.036	**U**
107-02-8	Acrolein	**0.66**	0.70	0.14	**0.29**	0.30	0.061	**J**
67-64-1	Acetone	**5.2**	7.0	0.12	**2.2**	2.9	0.049	**J, B**
75-69-4	Trichlorofluoromethane	**1.1**	0.70	0.11	**0.19**	0.12	0.021	
107-13-1	Acrylonitrile	0.70	0.70	0.070	0.32	0.32	0.033	**U**
75-35-4	1,1-Dichloroethene	0.70	0.70	0.070	0.18	0.18	0.018	**U**
75-09-2	Methylene chloride	**0.16**	0.70	0.092	**0.047**	0.20	0.028	**J**
76-13-1	Trichlorotrifluoroethane	**0.54**	0.70	0.14	**0.070**	0.091	0.019	**J**
75-15-0	Carbon Disulfide	**0.20**	0.70	0.070	**0.064**	0.22	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.70	0.70	0.071	0.18	0.18	0.018	**U**
75-34-3	1,1-Dichloroethane	0.70	0.70	0.070	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.70	0.70	0.070	0.19	0.19	0.019	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.35	0.39	0.39	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.2**	0.70	0.17	**0.42**	0.24	0.057	
156-59-2	cis-1,2-Dichloroethene	0.70	0.70	0.070	0.18	0.18	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **MH-FN4-2-OP_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00770

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.6

Can D.F. = 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.70	0.70	0.070	0.14	0.14	0.015	U
107-06-2	1,2-Dichloroethane	0.70	0.70	0.092	0.17	0.17	0.024	U
71-55-6	1,1,1-Trichloroethane	0.70	0.70	0.070	0.13	0.13	0.013	U
71-43-2	Benzene	**0.56**	0.70	0.22	**0.18**	0.22	0.071	J
56-23-5	Carbon Tetrachloride	**0.44**	0.70	0.14	**0.069**	0.11	0.022	J
78-87-5	1,2-Dichloropropane	0.70	0.70	0.079	0.15	0.15	0.018	U
75-27-4	Bromodichloromethane	0.70	0.70	0.11	0.10	0.10	0.018	U
79-01-6	Trichloroethene	**0.22**	0.70	0.10	**0.041**	0.13	0.019	J, B
10061-01-5	cis-1,3-Dichloropropene	0.70	0.70	0.070	0.15	0.15	0.017	U
108-10-1	4-Methyl-2-pentanone	0.70	0.70	0.078	0.17	0.17	0.019	U
10061-02-6	trans-1,3-Dichloropropene	0.70	0.70	0.095	0.15	0.15	0.021	U
79-00-5	1,1,2-Trichloroethane	0.70	0.70	0.15	0.13	0.13	0.029	U
108-88-3	Toluene	**0.53**	0.70	0.070	**0.14**	0.18	0.019	J
591-78-6	2-Hexanone	**0.13**	0.70	0.070	**0.032**	0.17	0.018	J
124-48-1	Dibromochloromethane	0.70	0.70	0.072	0.082	0.082	0.0086	U
106-93-4	1,2-Dibromoethane	0.70	0.70	0.081	0.090	0.090	0.011	U
127-18-4	Tetrachloroethene	0.70	0.70	0.090	0.10	0.10	0.013	U
108-90-7	Chlorobenzene	0.70	0.70	0.070	0.15	0.15	0.015	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **MH-FN4-2-OP_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00770

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.6

Can D.F. = 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.10**	0.70	0.070	**0.023**	0.16	0.017	**J**
179601-23-1	*m,p* -Xylenes	**0.36**	1.4	0.14	**0.083**	0.32	0.033	**J**
75-25-2	Bromoform	0.70	0.70	0.14	0.067	0.067	0.013	**U**
100-42-5	Styrene	0.70	0.70	0.070	0.16	0.16	0.017	**U**
95-47-6	o-Xylene	**0.12**	0.70	0.070	**0.028**	0.16	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.70	0.70	0.085	0.10	0.10	0.012	**U**
98-82-8	Cumene	0.70	0.70	0.070	0.14	0.14	0.015	**U**
103-65-1	n-Propylbenzene	0.70	0.70	0.070	0.14	0.14	0.015	**U**
108-67-8	1,3,5-Trimethylbenzene	0.70	0.70	0.26	0.14	0.14	0.054	**U**
95-63-6	1,2,4-Trimethylbenzene	0.70	0.70	0.33	0.14	0.14	0.068	**U**
541-73-1	1,3-Dichlorobenzene	0.70	0.70	0.092	0.12	0.12	0.015	**U**
106-46-7	1,4-Dichlorobenzene	0.70	0.70	0.097	0.12	0.12	0.017	**U**
135-98-8	sec-Butylbenzene	0.70	0.70	0.097	0.13	0.13	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.70	0.70	0.17	0.13	0.13	0.031	**U**
95-50-1	1,2-Dichlorobenzene	0.70	0.70	0.17	0.12	0.12	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.70	0.70	0.14	0.072	0.072	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.70	0.70	0.31	0.094	0.094	0.042	**U**
91-20-3	Naphthalene	0.70	0.70	0.33	0.13	0.13	0.064	**U**
87-68-3	Hexachlorobutadiene	0.70	0.70	0.14	0.065	0.065	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: W Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **HH-FN4-5-CL_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01080

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	0.71	0.071	**0.44**	0.14	0.016	
74-87-3	Chloromethane	**0.45**	0.71	0.14	**0.22**	0.34	0.066	**J**
75-01-4	Vinyl Chloride	0.71	0.71	0.17	0.28	0.28	0.066	**U**
74-83-9	Bromomethane	0.71	0.71	0.20	0.18	0.18	0.052	**U**
75-00-3	Chloroethane	0.71	0.71	0.093	0.27	0.27	0.037	**U**
107-02-8	Acrolein	**0.83**	0.71	0.14	**0.36**	0.31	0.062	
67-64-1	Acetone	**8.5**	7.1	0.12	**3.6**	3.0	0.049	**B**
75-69-4	Trichlorofluoromethane	**1.2**	0.71	0.11	**0.21**	0.13	0.021	
107-13-1	Acrylonitrile	0.71	0.71	0.071	0.32	0.32	0.034	**U**
75-35-4	1,1-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**
75-09-2	Methylene chloride	**0.16**	0.71	0.093	**0.046**	0.20	0.028	**J**
76-13-1	Trichlorotrifluoroethane	**0.56**	0.71	0.14	**0.073**	0.092	0.020	**J**
75-15-0	Carbon Disulfide	**0.28**	0.71	0.071	**0.089**	0.23	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.71	0.71	0.072	0.18	0.18	0.018	**U**
75-34-3	1,1-Dichloroethane	0.71	0.71	0.071	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.71	0.71	0.071	0.20	0.20	0.020	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.35	0.40	0.40	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.9**	0.71	0.17	**0.63**	0.24	0.058	
156-59-2	cis-1,2-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **HH-FN4-5-CL_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01080

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.71	0.71	0.071	0.14	0.14	0.016	U
107-06-2	1,2-Dichloroethane	0.71	0.71	0.093	0.17	0.17	0.024	U
71-55-6	1,1,1-Trichloroethane	0.71	0.71	0.071	0.13	0.13	0.013	U
71-43-2	Benzene	**0.45**	0.71	0.23	**0.14**	0.22	0.072	J
56-23-5	Carbon Tetrachloride	**0.42**	0.71	0.14	**0.066**	0.11	0.023	J
78-87-5	1,2-Dichloropropane	0.71	0.71	0.080	0.15	0.15	0.018	U
75-27-4	Bromodichloromethane	0.71	0.71	0.11	0.11	0.11	0.018	U
79-01-6	Trichloroethene	**0.23**	0.71	0.10	**0.043**	0.13	0.020	J, B
10061-01-5	cis-1,3-Dichloropropene	0.71	0.71	0.071	0.16	0.16	0.017	U
108-10-1	4-Methyl-2-pentanone	0.71	0.71	0.079	0.17	0.17	0.020	U
10061-02-6	trans-1,3-Dichloropropene	0.71	0.71	0.096	0.16	0.16	0.021	U
79-00-5	1,1,2-Trichloroethane	0.71	0.71	0.16	0.13	0.13	0.030	U
108-88-3	Toluene	**0.58**	0.71	0.071	**0.15**	0.19	0.020	J
591-78-6	2-Hexanone	**0.20**	0.71	0.071	**0.049**	0.17	0.018	J
124-48-1	Dibromochloromethane	0.71	0.71	0.073	0.083	0.083	0.0087	U
106-93-4	1,2-Dibromoethane	0.71	0.71	0.082	0.092	0.092	0.011	U
127-18-4	Tetrachloroethene	**0.37**	0.71	0.092	**0.054**	0.10	0.014	J
108-90-7	Chlorobenzene	0.71	0.71	0.071	0.15	0.15	0.016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **HH-FN4-5-CL_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01080

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.16**	0.71	0.071	**0.037**	0.16	0.017	**J**
179601-23-1	*m,p*-Xylenes	**0.58**	1.4	0.14	**0.13**	0.32	0.034	**J**
75-25-2	Bromoform	0.71	0.71	0.14	0.068	0.068	0.014	**U**
100-42-5	Styrene	**0.094**	0.71	0.071	**0.022**	0.17	0.017	**J**
95-47-6	o-Xylene	**0.21**	0.71	0.071	**0.047**	0.16	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.71	0.71	0.086	0.10	0.10	0.013	**U**
98-82-8	Cumene	0.71	0.71	0.071	0.14	0.14	0.016	**U**
103-65-1	n-Propylbenzene	0.71	0.71	0.071	0.14	0.14	0.016	**U**
108-67-8	1,3,5-Trimethylbenzene	0.71	0.71	0.27	0.14	0.14	0.055	**U**
95-63-6	1,2,4-Trimethylbenzene	0.71	0.71	0.34	0.14	0.14	0.069	**U**
541-73-1	1,3-Dichlorobenzene	0.71	0.71	0.093	0.12	0.12	0.016	**U**
106-46-7	1,4-Dichlorobenzene	0.71	0.71	0.099	0.12	0.12	0.017	**U**
135-98-8	sec-Butylbenzene	0.71	0.71	0.099	0.13	0.13	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.71	0.71	0.17	0.13	0.13	0.031	**U**
95-50-1	1,2-Dichlorobenzene	0.71	0.71	0.17	0.12	0.12	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.71	0.71	0.14	0.073	0.073	0.016	**U**
120-82-1	1,2,4-Trichlorobenzene	0.71	0.71	0.31	0.095	0.095	0.042	**U**
91-20-3	Naphthalene	0.71	0.71	0.34	0.13	0.13	0.065	**U**
87-68-3	Hexachlorobutadiene	0.71	0.71	0.14	0.066	0.066	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: W Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D01_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01014

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	0.72	0.072	**0.43**	0.15	0.016	
74-87-3	Chloromethane	**0.61**	0.72	0.14	**0.30**	0.35	0.068	**J**
75-01-4	Vinyl Chloride	0.72	0.72	0.17	0.28	0.28	0.068	**U**
74-83-9	Bromomethane	0.72	0.72	0.20	0.19	0.19	0.053	**U**
75-00-3	Chloroethane	0.72	0.72	0.095	0.27	0.27	0.037	**U**
107-02-8	Acrolein	**0.55**	0.72	0.14	**0.24**	0.31	0.063	**J**
67-64-1	Acetone	**5.7**	7.2	0.12	**2.4**	3.0	0.050	**J, B**
75-69-4	Trichlorofluoromethane	**1.0**	0.72	0.12	**0.19**	0.13	0.022	
107-13-1	Acrylonitrile	0.72	0.72	0.072	0.33	0.33	0.035	**U**
75-35-4	1,1-Dichloroethene	0.72	0.72	0.072	0.18	0.18	0.019	**U**
75-09-2	Methylene chloride	**0.16**	0.72	0.095	**0.046**	0.21	0.029	**J**
76-13-1	Trichlorotrifluoroethane	**0.53**	0.72	0.14	**0.070**	0.094	0.020	**J**
75-15-0	Carbon Disulfide	**0.15**	0.72	0.072	**0.049**	0.23	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.72	0.72	0.073	0.18	0.18	0.019	**U**
75-34-3	1,1-Dichloroethane	0.72	0.72	0.072	0.18	0.18	0.019	**U**
1634-04-4	Methyl tert-Butyl Ether	0.72	0.72	0.072	0.20	0.20	0.020	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.36	0.41	0.41	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.3**	0.72	0.17	**0.44**	0.24	0.059	
156-59-2	cis-1,2-Dichloroethene	0.72	0.72	0.072	0.18	0.18	0.019	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D01_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01014

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.72	0.72	0.072	0.15	0.15	0.016	U
107-06-2	1,2-Dichloroethane	0.72	0.72	0.095	0.18	0.18	0.024	U
71-55-6	1,1,1-Trichloroethane	0.72	0.72	0.072	0.13	0.13	0.013	U
71-43-2	Benzene	**0.46**	0.72	0.23	**0.14**	0.23	0.073	J
56-23-5	Carbon Tetrachloride	**0.44**	0.72	0.14	**0.070**	0.11	0.023	J
78-87-5	1,2-Dichloropropane	0.72	0.72	0.082	0.16	0.16	0.019	U
75-27-4	Bromodichloromethane	0.72	0.72	0.12	0.11	0.11	0.019	U
79-01-6	Trichloroethene	**0.22**	0.72	0.11	**0.042**	0.13	0.020	J, B
10061-01-5	cis-1,3-Dichloropropene	0.72	0.72	0.072	0.16	0.16	0.017	U
108-10-1	4-Methyl-2-pentanone	0.72	0.72	0.081	0.18	0.18	0.020	U
10061-02-6	trans-1,3-Dichloropropene	0.72	0.72	0.098	0.16	0.16	0.022	U
79-00-5	1,1,2-Trichloroethane	0.72	0.72	0.16	0.13	0.13	0.030	U
108-88-3	Toluene	**0.46**	0.72	0.072	**0.12**	0.19	0.020	J
591-78-6	2-Hexanone	**0.14**	0.72	0.072	**0.033**	0.18	0.019	J
124-48-1	Dibromochloromethane	0.72	0.72	0.075	0.085	0.085	0.0089	U
106-93-4	1,2-Dibromoethane	0.72	0.72	0.084	0.094	0.094	0.011	U
127-18-4	Tetrachloroethene	0.72	0.72	0.094	0.11	0.11	0.014	U
108-90-7	Chlorobenzene	0.72	0.72	0.072	0.16	0.16	0.016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D01_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01014

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.095**	0.72	0.072	**0.022**	0.17	0.017	**J**
179601-23-1	*m,p*-Xylenes	**0.34**	1.4	0.14	**0.079**	0.33	0.035	**J**
75-25-2	Bromoform	0.72	0.72	0.14	0.070	0.070	0.014	**U**
100-42-5	Styrene	0.72	0.72	0.072	0.17	0.17	0.017	**U**
95-47-6	o-Xylene	**0.12**	0.72	0.072	**0.028**	0.17	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.72	0.72	0.088	0.10	0.10	0.013	**U**
98-82-8	Cumene	0.72	0.72	0.072	0.15	0.15	0.016	**U**
103-65-1	n-Propylbenzene	0.72	0.72	0.072	0.15	0.15	0.016	**U**
108-67-8	1,3,5-Trimethylbenzene	0.72	0.72	0.27	0.15	0.15	0.056	**U**
95-63-6	1,2,4-Trimethylbenzene	0.72	0.72	0.35	0.15	0.15	0.071	**U**
541-73-1	1,3-Dichlorobenzene	0.72	0.72	0.095	0.12	0.12	0.016	**U**
106-46-7	1,4-Dichlorobenzene	0.72	0.72	0.10	0.12	0.12	0.017	**U**
135-98-8	sec-Butylbenzene	0.72	0.72	0.10	0.13	0.13	0.019	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.72	0.72	0.17	0.13	0.13	0.032	**U**
95-50-1	1,2-Dichlorobenzene	0.72	0.72	0.17	0.12	0.12	0.029	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.72	0.72	0.14	0.075	0.075	0.016	**U**
120-82-1	1,2,4-Trichlorobenzene	0.72	0.72	0.32	0.097	0.097	0.043	**U**
91-20-3	Naphthalene	0.72	0.72	0.35	0.14	0.14	0.066	**U**
87-68-3	Hexachlorobutadiene	0.72	0.72	0.14	0.068	0.068	0.014	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **HH-FN4-5-OP_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00612

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.7 Pf 1 = 3.6

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	0.71	0.071	**0.43**	0.14	0.016	
74-87-3	Chloromethane	**0.62**	0.71	0.14	**0.30**	0.34	0.066	**J**
75-01-4	Vinyl Chloride	0.71	0.71	0.17	0.28	0.28	0.066	**U**
74-83-9	Bromomethane	0.71	0.71	0.20	0.18	0.18	0.052	**U**
75-00-3	Chloroethane	0.71	0.71	0.093	0.27	0.27	0.037	**U**
107-02-8	Acrolein	**0.38**	0.71	0.14	**0.17**	0.31	0.062	**J**
67-64-1	Acetone	**4.1**	7.1	0.12	**1.7**	3.0	0.049	**J, B**
75-69-4	Trichlorofluoromethane	**1.1**	0.71	0.11	**0.19**	0.13	0.021	
107-13-1	Acrylonitrile	0.71	0.71	0.071	0.32	0.32	0.034	**U**
75-35-4	1,1-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**
75-09-2	Methylene chloride	**0.15**	0.71	0.093	**0.044**	0.20	0.028	**J**
76-13-1	Trichlorotrifluoroethane	**0.52**	0.71	0.14	**0.068**	0.092	0.020	**J**
75-15-0	Carbon Disulfide	**0.15**	0.71	0.071	**0.049**	0.23	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.71	0.71	0.072	0.18	0.18	0.018	**U**
75-34-3	1,1-Dichloroethane	0.71	0.71	0.071	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.71	0.71	0.071	0.20	0.20	0.020	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.35	0.40	0.40	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.1**	0.71	0.17	**0.37**	0.24	0.058	
156-59-2	cis-1,2-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: W Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **HH-FN4-5-OP_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00612

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.7 Pf 1 = 3.6

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.71	0.71	0.071	0.14	0.14	0.016	U
107-06-2	1,2-Dichloroethane	0.71	0.71	0.093	0.17	0.17	0.024	U
71-55-6	1,1,1-Trichloroethane	0.71	0.71	0.071	0.13	0.13	0.013	U
71-43-2	Benzene	**0.44**	0.71	0.23	**0.14**	0.22	0.072	J
56-23-5	Carbon Tetrachloride	**0.42**	0.71	0.14	**0.067**	0.11	0.023	J
78-87-5	1,2-Dichloropropane	0.71	0.71	0.080	0.15	0.15	0.018	U
75-27-4	Bromodichloromethane	0.71	0.71	0.11	0.11	0.11	0.018	U
79-01-6	Trichloroethene	**0.21**	0.71	0.10	**0.038**	0.13	0.020	J, B
10061-01-5	cis-1,3-Dichloropropene	0.71	0.71	0.071	0.16	0.16	0.017	U
108-10-1	4-Methyl-2-pentanone	0.71	0.71	0.079	0.17	0.17	0.020	U
10061-02-6	trans-1,3-Dichloropropene	0.71	0.71	0.096	0.16	0.16	0.021	U
79-00-5	1,1,2-Trichloroethane	0.71	0.71	0.16	0.13	0.13	0.030	U
108-88-3	Toluene	**0.42**	0.71	0.071	**0.11**	0.19	0.020	J
591-78-6	2-Hexanone	**0.12**	0.71	0.071	**0.029**	0.17	0.018	J
124-48-1	Dibromochloromethane	0.71	0.71	0.073	0.083	0.083	0.0087	U
106-93-4	1,2-Dibromoethane	0.71	0.71	0.082	0.092	0.092	0.011	U
127-18-4	Tetrachloroethene	0.71	0.71	0.092	0.10	0.10	0.014	U
108-90-7	Chlorobenzene	0.71	0.71	0.071	0.15	0.15	0.016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **HH-FN4-5-OP_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00612

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.7 Pf 1 = 3.6

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.087**	0.71	0.071	**0.020**	0.16	0.017	**J**
179601-23-1	*m,p*-Xylenes	**0.28**	1.4	0.14	**0.064**	0.32	0.034	**J**
75-25-2	Bromoform	0.71	0.71	0.14	0.068	0.068	0.014	**U**
100-42-5	Styrene	0.71	0.71	0.071	0.17	0.17	0.017	**U**
95-47-6	o-Xylene	**0.097**	0.71	0.071	**0.022**	0.16	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.71	0.71	0.086	0.10	0.10	0.013	**U**
98-82-8	Cumene	0.71	0.71	0.071	0.14	0.14	0.016	**U**
103-65-1	n-Propylbenzene	0.71	0.71	0.071	0.14	0.14	0.016	**U**
108-67-8	1,3,5-Trimethylbenzene	0.71	0.71	0.27	0.14	0.14	0.055	**U**
95-63-6	1,2,4-Trimethylbenzene	0.71	0.71	0.34	0.14	0.14	0.069	**U**
541-73-1	1,3-Dichlorobenzene	0.71	0.71	0.093	0.12	0.12	0.016	**U**
106-46-7	1,4-Dichlorobenzene	0.71	0.71	0.099	0.12	0.12	0.017	**U**
135-98-8	sec-Butylbenzene	0.71	0.71	0.099	0.13	0.13	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.71	0.71	0.17	0.13	0.13	0.031	**U**
95-50-1	1,2-Dichlorobenzene	0.71	0.71	0.17	0.12	0.12	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.71	0.71	0.14	0.073	0.073	0.016	**U**
120-82-1	1,2,4-Trichlorobenzene	0.71	0.71	0.31	0.095	0.095	0.042	**U**
91-20-3	Naphthalene	0.71	0.71	0.34	0.13	0.13	0.065	**U**
87-68-3	Hexachlorobutadiene	0.71	0.71	0.14	0.066	0.066	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P070122-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	0.50	0.50	0.050	0.10	0.10	0.011	U
74-87-3	Chloromethane	0.50	0.50	0.097	0.24	0.24	0.047	U
75-01-4	Vinyl Chloride	0.50	0.50	0.12	0.20	0.20	0.047	U
74-83-9	Bromomethane	0.50	0.50	0.14	0.13	0.13	0.037	U
75-00-3	Chloroethane	0.50	0.50	0.066	0.19	0.19	0.026	U
107-02-8	Acrolein	0.50	0.50	0.10	0.22	0.22	0.044	U
67-64-1	Acetone	**0.34**	5.0	0.083	**0.14**	2.1	0.035	J
75-69-4	Trichlorofluoromethane	0.50	0.50	0.080	0.089	0.089	0.015	U
107-13-1	Acrylonitrile	0.50	0.50	0.050	0.23	0.23	0.024	U
75-35-4	1,1-Dichloroethene	0.50	0.50	0.050	0.13	0.13	0.013	U
75-09-2	Methylene chloride	0.50	0.50	0.066	0.14	0.14	0.020	U
76-13-1	Trichlorotrifluoroethane	0.50	0.50	0.10	0.065	0.065	0.014	U
75-15-0	Carbon Disulfide	**0.10**	0.50	0.050	**0.033**	0.16	0.017	J
156-60-5	trans-1,2-Dichloroethene	0.50	0.50	0.051	0.13	0.13	0.013	U
75-34-3	1,1-Dichloroethane	0.50	0.50	0.050	0.12	0.12	0.013	U
1634-04-4	Methyl tert-Butyl Ether	0.50	0.50	0.050	0.14	0.14	0.014	U
108-05-4	Vinyl Acetate	1.0	1.0	0.25	0.28	0.28	0.072	U
78-93-3	2-Butanone (MEK)	0.50	0.50	0.12	0.17	0.17	0.041	U
156-59-2	cis-1,2-Dichloroethene	0.50	0.50	0.050	0.13	0.13	0.013	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P070122-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.50	0.50	0.050	0.10	0.10	0.011	U
107-06-2	1,2-Dichloroethane	0.50	0.50	0.066	0.12	0.12	0.017	U
71-55-6	1,1,1-Trichloroethane	0.50	0.50	0.050	0.092	0.092	0.0092	U
71-43-2	Benzene	0.50	0.50	0.16	0.16	0.16	0.051	U
56-23-5	Carbon Tetrachloride	0.50	0.50	0.10	0.080	0.080	0.016	U
78-87-5	1,2-Dichloropropane	0.50	0.50	0.057	0.11	0.11	0.013	U
75-27-4	Bromodichloromethane	0.50	0.50	0.081	0.075	0.075	0.013	U
79-01-6	Trichloroethene	**0.083**	0.50	0.074	**0.015**	0.093	0.014	J
10061-01-5	cis-1,3-Dichloropropene	0.50	0.50	0.050	0.11	0.11	0.012	U
108-10-1	4-Methyl-2-pentanone	0.50	0.50	0.056	0.12	0.12	0.014	U
10061-02-6	trans-1,3-Dichloropropene	0.50	0.50	0.068	0.11	0.11	0.015	U
79-00-5	1,1,2-Trichloroethane	0.50	0.50	0.11	0.092	0.092	0.021	U
108-88-3	Toluene	0.50	0.50	0.050	0.13	0.13	0.014	U
591-78-6	2-Hexanone	0.50	0.50	0.050	0.12	0.12	0.013	U
124-48-1	Dibromochloromethane	0.50	0.50	0.052	0.059	0.059	0.0062	U
106-93-4	1,2-Dibromoethane	0.50	0.50	0.058	0.065	0.065	0.0076	U
127-18-4	Tetrachloroethene	0.50	0.50	0.065	0.074	0.074	0.0096	U
108-90-7	Chlorobenzene	0.50	0.50	0.050	0.11	0.11	0.011	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P070122-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	0.50	0.50	0.050	0.12	0.12	0.012	U
179601-23-1	*m,p*-Xylenes	1.0	1.0	0.10	0.23	0.23	0.024	U
75-25-2	Bromoform	0.50	0.50	0.10	0.048	0.048	0.0097	U
100-42-5	Styrene	0.50	0.50	0.050	0.12	0.12	0.012	U
95-47-6	o-Xylene	0.50	0.50	0.050	0.12	0.12	0.012	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	0.50	0.061	0.073	0.073	0.0089	U
98-82-8	Cumene	0.50	0.50	0.050	0.10	0.10	0.011	U
103-65-1	n-Propylbenzene	0.50	0.50	0.050	0.10	0.10	0.011	U
108-67-8	1,3,5-Trimethylbenzene	0.50	0.50	0.19	0.10	0.10	0.039	U
95-63-6	1,2,4-Trimethylbenzene	0.50	0.50	0.24	0.10	0.10	0.049	U
541-73-1	1,3-Dichlorobenzene	0.50	0.50	0.066	0.083	0.083	0.011	U
106-46-7	1,4-Dichlorobenzene	0.50	0.50	0.070	0.083	0.083	0.012	U
135-98-8	sec-Butylbenzene	0.50	0.50	0.070	0.091	0.091	0.013	U
99-87-6	4-Isopropyltoluene (p-Cymene)	0.50	0.50	0.12	0.091	0.091	0.022	U
95-50-1	1,2-Dichlorobenzene	0.50	0.50	0.12	0.083	0.083	0.020	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	0.50	0.10	0.052	0.052	0.011	U
120-82-1	1,2,4-Trichlorobenzene	0.50	0.50	0.22	0.067	0.067	0.030	U
91-20-3	Naphthalene	0.50	0.50	0.24	0.095	0.095	0.046	U
87-68-3	Hexachlorobutadiene	0.50	0.50	0.10	0.047	0.047	0.0094	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136

Surrogate Spike Recovery Results

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister(s)
Test Notes:

Date Collected: 1/16/07
Date Received: 1/18/07
Date Analyzed: 1/22/07

Client Sample ID	CAS Sample ID	1,2-Dichloroethane-d4		Toluene-d8		Bromofluorobenzene		Data Qualifier
		% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	
Method Blank	P070122-MB	**94**	70-130	**100**	70-130	**103**	70-130	
Lab Control Sample	P070122-LCS	**96**	70-130	**100**	70-130	**103**	70-130	
Ambient-01_011607	P2700136-001	**92**	70-130	**101**	70-130	**104**	70-130	
Ambient-01_011607	P2700136-001DUP	**91**	70-130	**100**	70-130	**105**	70-130	
Ambient-02_011607	P2700136-002	**90**	70-130	**101**	70-130	**105**	70-130	
Ambient-03_011607	P2700136-003	**91**	70-130	**101**	70-130	**105**	70-130	
Ambient-04_011607	P2700136-004	**90**	70-130	**100**	70-130	**105**	70-130	
MH-FN4-2-OP_011607	P2700136-005	**91**	70-130	**100**	70-130	**106**	70-130	
HH-FN4-5-CL_011607	P2700136-006	**90**	70-130	**100**	70-130	**106**	70-130	
Vault-D01_011607	P2700136-007	**90**	70-130	**101**	70-130	**106**	70-130	
HH-FN4-5-OP_011607	P2700136-008	**91**	70-130	**99**	70-130	**107**	70-130	

Verified By: W Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P070122-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 1/22/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	Acceptance Limits	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	25.5	22.0	**86**	70-130	
74-87-3	Chloromethane	24.3	22.3	**92**	70-130	
75-01-4	Vinyl Chloride	24.8	21.7	**88**	70-130	
74-83-9	Bromomethane	25.0	23.9	**96**	70-130	
75-00-3	Chloroethane	25.0	23.1	**92**	70-130	
107-02-8	Acrolein	23.3	19.9	**85**	70-130	
67-64-1	Acetone	26.5	23.9	**90**	70-130	
75-69-4	Trichlorofluoromethane	24.3	21.9	**90**	70-130	
107-13-1	Acrylonitrile	25.5	24.6	**96**	70-130	
75-35-4	1,1-Dichloroethene	27.3	23.6	**86**	70-130	
75-09-2	Methylene chloride	26.8	22.3	**83**	70-130	
76-13-1	Trichlorotrifluoroethane	27.0	24.2	**90**	70-130	
75-15-0	Carbon Disulfide	25.0	23.9	**96**	70-130	
156-60-5	trans-1,2-Dichloroethene	26.3	23.1	**88**	70-130	
75-34-3	1,1-Dichloroethane	26.3	24.2	**92**	70-130	
1634-04-4	Methyl tert-Butyl Ether	26.3	24.5	**93**	70-130	
108-05-4	Vinyl Acetate	24.3	29.7	**122**	70-130	
78-93-3	2-Butanone (MEK)	26.8	25.9	**97**	70-130	
156-59-2	cis-1,2-Dichloroethene	26.5	23.6	**89**	70-130	

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P070122-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 1/22/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	Acceptance Limits	Data Qualifier
67-66-3	Chloroform	30.0	25.7	**86**	70-130	
107-06-2	1,2-Dichloroethane	26.0	24.4	**94**	70-130	
71-55-6	1,1,1-Trichloroethane	26.3	25.1	**95**	70-130	
71-43-2	Benzene	26.3	22.3	**85**	70-130	
56-23-5	Carbon Tetrachloride	25.8	24.8	**96**	70-130	
78-87-5	1,2-Dichloropropane	26.0	25.0	**96**	70-130	
75-27-4	Bromodichloromethane	27.5	26.2	**95**	70-130	
79-01-6	Trichloroethene	27.3	23.6	**86**	70-130	
10061-01-5	cis-1,3-Dichloropropene	26.0	25.9	**100**	70-130	
108-10-1	4-Methyl-2-pentanone	26.5	28.3	**107**	70-130	
10061-02-6	trans-1,3-Dichloropropene	27.8	29.5	**106**	70-130	
79-00-5	1,1,2-Trichloroethane	25.8	25.4	**98**	70-130	
108-88-3	Toluene	26.0	22.9	**88**	70-130	
591-78-6	2-Hexanone	26.0	26.4	**102**	70-130	
124-48-1	Dibromochloromethane	26.5	27.3	**103**	70-130	
106-93-4	1,2-Dibromoethane	26.0	27.1	**104**	70-130	
127-18-4	Tetrachloroethene	25.8	23.1	**90**	70-130	
108-90-7	Chlorobenzene	26.0	23.4	**90**	70-130	

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P070122-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 1/22/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	Acceptance Limits	Data Qualifier
100-41-4	Ethylbenzene	25.8	23.5	**91**	70-130	
179601-23-1	m,p-Xylenes	61.5	56.5	**92**	70-130	
75-25-2	Bromoform	31.3	33.6	**107**	70-130	
100-42-5	Styrene	25.8	26.4	**102**	70-130	
95-47-6	o-Xylene	29.0	26.7	**92**	70-130	
79-34-5	1,1,2,2-Tetrachloroethane	29.3	30.8	**105**	70-130	
98-82-8	Cumene	26.0	24.8	**95**	70-130	
103-65-1	n-Propylbenzene	25.0	24.5	**98**	70-130	
108-67-8	1,3,5-Trimethylbenzene	25.5	24.7	**97**	70-130	
95-63-6	1,2,4-Trimethylbenzene	26.0	25.6	**98**	70-130	
541-73-1	1,3-Dichlorobenzene	25.3	23.8	**94**	70-130	
106-46-7	1,4-Dichlorobenzene	26.0	24.4	**94**	70-130	
135-98-8	sec-Butylbenzene	25.5	25.1	**98**	70-130	
99-87-6	4-Isopropyltoluene (p-Cymene)	28.0	27.7	**99**	70-130	
95-50-1	1,2-Dichlorobenzene	25.5	24.3	**95**	70-130	
96-12-8	1,2-Dibromo-3-chloropropane	24.8	31.1	**125**	70-130	
120-82-1	1,2,4-Trichlorobenzene	26.8	28.5	**106**	70-130	
91-20-3	Naphthalene	26.0	29.7	**114**	70-130	
87-68-3	Hexachlorobutadiene	26.5	26.7	**101**	70-130	

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136

Method Blank Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Lab File ID: 01220706.D
Date Analyzed: 1/22/07
Time Analyzed: 14:15

Client Sample ID	CAS Sample ID	Lab File ID	Time Analyzed
Lab Control Sample	P070122-LCS	01220707.D	15:22
Ambient-01_011607	P2700136-001	01220708.D	16:25
Ambient-01_011607	P2700136-001DUP	01220709.D	17:25
Ambient-02_011607	P2700136-002	01220710.D	18:03
Ambient-03_011607	P2700136-003	01220711.D	18:41
Ambient-04_011607	P2700136-004	01220712.D	19:19
MH-FN4-2-OP_011607	P2700136-005	01220713.D	19:57
HH-FN4-5-CL_011607	P2700136-006	01220714.D	20:35
Vault-D01_011607	P2700136-007	01220715.D	21:13
HH-FN4-5-OP_011607	P2700136-008	01220716.D	21:51

Verified by: MU Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-01_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-001

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00731

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -0.8 Pf 1 = 3.6

Can D.F. = 1.32

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.010**	0.033	0.0025	**0.0040**	0.013	0.00095	**J**
67-66-3	Chloroform	**0.070**	0.13	0.046	**0.014**	0.027	0.0092	**J**
107-06-2	1,2-Dichloroethane	**0.053**	0.033	0.0021	**0.013**	0.0082	0.00050	
71-43-2	Benzene	**0.49**	0.13	0.012	**0.15**	0.041	0.0037	**B**
56-23-5	Carbon Tetrachloride	**0.36**	0.033	0.0020	**0.057**	0.0052	0.00032	**B**
78-87-5	1,2-Dichloropropane	**0.017**	0.033	0.0018	**0.0038**	0.0071	0.00038	**J**
79-01-6	Trichloroethene	**0.064**	0.013	0.0034	**0.012**	0.0025	0.00063	
10061-01-5	cis-1,3-Dichloropropene	0.033	0.033	0.0024	0.0073	0.0073	0.00051	**U**
79-00-5	1,1,2-Trichloroethane	0.033	0.033	0.0029	0.0061	0.0061	0.00054	**U**
106-93-4	1,2-Dibromoethane	**0.021**	0.033	0.0020	**0.0027**	0.0043	0.00025	**J**
127-18-4	Tetrachloroethene	**0.15**	0.033	0.0011	**0.022**	0.0049	0.00016	
79-34-5	1,1,2,2-Tetrachloroethane	0.033	0.033	0.0032	0.0048	0.0048	0.00045	**U**
106-46-7	1,4-Dichlorobenzene	**0.029**	0.033	0.0011	**0.0049**	0.0055	0.00020	**J**
87-68-3	Hexachlorobutadiene	0.13	0.13	0.0015	0.012	0.012	0.00015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: W Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-02_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-002

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01065

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.7 Pf 1 = 3.6

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.0060**	0.035	0.0027	**0.0023**	0.014	0.0010	**J**
67-66-3	Chloroform	**0.080**	0.14	0.049	**0.016**	0.029	0.0099	**J**
107-06-2	1,2-Dichloroethane	**0.045**	0.035	0.0023	**0.011**	0.0087	0.00054	
71-43-2	Benzene	**0.52**	0.14	0.012	**0.16**	0.044	0.0039	**B**
56-23-5	Carbon Tetrachloride	**0.37**	0.035	0.0021	**0.059**	0.0056	0.00034	**B**
78-87-5	1,2-Dichloropropane	**0.016**	0.035	0.0020	**0.0035**	0.0076	0.00041	**J**
79-01-6	Trichloroethene	**0.38**	0.014	0.0037	**0.071**	0.0026	0.00068	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0078	0.0078	0.00055	**U**
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0031	0.0065	0.0065	0.00058	**U**
106-93-4	1,2-Dibromoethane	**0.013**	0.035	0.0021	**0.0018**	0.0046	0.00027	**J**
127-18-4	Tetrachloroethene	**0.079**	0.035	0.0011	**0.012**	0.0052	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0034	0.0051	0.0051	0.00048	**U**
106-46-7	1,4-Dichlorobenzene	**0.023**	0.035	0.0012	**0.0038**	0.0059	0.00021	**J**
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0016	0.013	0.013	0.00016	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MV Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-03_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-003

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00915

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.035	0.035	0.0027	0.014	0.014	0.0010	U
67-66-3	Chloroform	**0.069**	0.14	0.049	**0.014**	0.029	0.0099	J
107-06-2	1,2-Dichloroethane	**0.039**	0.035	0.0023	**0.0095**	0.0087	0.00054	
71-43-2	Benzene	**0.45**	0.14	0.012	**0.14**	0.044	0.0039	B
56-23-5	Carbon Tetrachloride	**0.38**	0.035	0.0021	**0.061**	0.0056	0.00034	B
78-87-5	1,2-Dichloropropane	**0.014**	0.035	0.0020	**0.0029**	0.0076	0.00041	J
79-01-6	Trichloroethene	**0.029**	0.014	0.0037	**0.0055**	0.0026	0.00068	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0078	0.0078	0.00055	U
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0031	0.0065	0.0065	0.00058	U
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0021	0.0046	0.0046	0.00027	U
127-18-4	Tetrachloroethene	**0.062**	0.035	0.0011	**0.0092**	0.0052	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0034	0.0051	0.0051	0.00048	U
106-46-7	1,4-Dichlorobenzene	**0.013**	0.035	0.0012	**0.0022**	0.0059	0.00021	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0016	0.013	0.013	0.00016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-04_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-004

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00973

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.6

Can D.F. = 1.42

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.036	0.036	0.0027	0.014	0.014	0.0010	U
67-66-3	Chloroform	**0.067**	0.14	0.050	**0.014**	0.029	0.0099	J
107-06-2	1,2-Dichloroethane	**0.035**	0.036	0.0023	**0.0087**	0.0088	0.00054	J
71-43-2	Benzene	**0.50**	0.14	0.012	**0.16**	0.044	0.0040	B
56-23-5	Carbon Tetrachloride	**0.39**	0.036	0.0021	**0.061**	0.0056	0.00034	B
78-87-5	1,2-Dichloropropane	**0.013**	0.036	0.0020	**0.0028**	0.0077	0.00041	J
79-01-6	Trichloroethene	**0.033**	0.014	0.0037	**0.0061**	0.0026	0.00068	
10061-01-5	cis-1,3-Dichloropropene	0.036	0.036	0.0026	0.0078	0.0078	0.00055	U
79-00-5	1,1,2-Trichloroethane	0.036	0.036	0.0031	0.0065	0.0065	0.00058	U
106-93-4	1,2-Dibromoethane	0.036	0.036	0.0021	0.0046	0.0046	0.00027	U
127-18-4	Tetrachloroethene	**0.056**	0.036	0.0011	**0.0083**	0.0052	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.036	0.036	0.0034	0.0052	0.0052	0.00048	U
106-46-7	1,4-Dichlorobenzene	**0.011**	0.036	0.0012	**0.0018**	0.0059	0.00021	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0016	0.013	0.013	0.00016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **MH-FN4-2-OP_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-005

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00770

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.6

Can D.F. = 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.035	0.035	0.0026	0.014	0.014	0.0010	U
67-66-3	Chloroform	**0.066**	0.14	0.049	**0.013**	0.028	0.0097	J
107-06-2	1,2-Dichloroethane	**0.037**	0.035	0.0022	**0.0092**	0.0086	0.00053	
71-43-2	Benzene	**0.50**	0.14	0.012	**0.16**	0.044	0.0039	B
56-23-5	Carbon Tetrachloride	**0.39**	0.035	0.0021	**0.062**	0.0055	0.00033	B
78-87-5	1,2-Dichloropropane	**0.013**	0.035	0.0019	**0.0029**	0.0075	0.00040	J
79-01-6	Trichloroethene	**0.026**	0.014	0.0036	**0.0048**	0.0026	0.00067	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0077	0.0077	0.00054	U
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0031	0.0064	0.0064	0.00057	U
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0021	0.0045	0.0045	0.00026	U
127-18-4	Tetrachloroethene	**0.081**	0.035	0.0011	**0.012**	0.0051	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0033	0.0051	0.0051	0.00047	U
106-46-7	1,4-Dichlorobenzene	**0.014**	0.035	0.0012	**0.0023**	0.0058	0.00021	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0015	0.013	0.013	0.00015	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **MH-FN4-2-OP_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-005DUP

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00770

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.6

Can D.F. = 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.035	0.035	0.0026	0.014	0.014	0.0010	U
67-66-3	Chloroform	**0.069**	0.14	0.049	**0.014**	0.028	0.0097	J
107-06-2	1,2-Dichloroethane	**0.038**	0.035	0.0022	**0.0094**	0.0086	0.00053	
71-43-2	Benzene	**0.50**	0.14	0.012	**0.16**	0.044	0.0039	B
56-23-5	Carbon Tetrachloride	**0.36**	0.035	0.0021	**0.057**	0.0055	0.00033	B
78-87-5	1,2-Dichloropropane	**0.012**	0.035	0.0019	**0.0026**	0.0075	0.00040	J
79-01-6	Trichloroethene	**0.025**	0.014	0.0036	**0.0046**	0.0026	0.00067	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0077	0.0077	0.00054	U
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0031	0.0064	0.0064	0.00057	U
106-93-4	1,2-Dibromoethane	**0.0033**	0.035	0.0021	**0.00042**	0.0045	0.00026	J
127-18-4	Tetrachloroethene	**0.083**	0.035	0.0011	**0.012**	0.0051	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0033	0.0051	0.0051	0.00047	U
106-46-7	1,4-Dichlorobenzene	**0.013**	0.035	0.0012	**0.0022**	0.0058	0.00021	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0015	0.013	0.013	0.00015	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: W Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **HH-FN4-5-CL_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-006

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01080

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.035	0.035	0.0027	0.014	0.014	0.0010	U
67-66-3	Chloroform	**0.086**	0.14	0.049	**0.018**	0.029	0.0099	J
107-06-2	1,2-Dichloroethane	**0.032**	0.035	0.0023	**0.0080**	0.0087	0.00054	J
71-43-2	Benzene	**0.40**	0.14	0.012	**0.13**	0.044	0.0039	B
56-23-5	Carbon Tetrachloride	**0.36**	0.035	0.0021	**0.058**	0.0056	0.00034	B
78-87-5	1,2-Dichloropropane	**0.012**	0.035	0.0020	**0.0027**	0.0076	0.00041	J
79-01-6	Trichloroethene	**0.025**	0.014	0.0037	**0.0047**	0.0026	0.00068	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0078	0.0078	0.00055	U
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0031	0.0065	0.0065	0.00058	U
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0021	0.0046	0.0046	0.00027	U
127-18-4	Tetrachloroethene	**0.37**	0.035	0.0011	**0.054**	0.0052	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0034	0.0051	0.0051	0.00048	U
106-46-7	1,4-Dichlorobenzene	**0.030**	0.035	0.0012	**0.0050**	0.0059	0.00021	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0016	0.013	0.013	0.00016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D01_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-007

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01014

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.036	0.036	0.0027	0.014	0.014	0.0010	U
67-66-3	Chloroform	**0.074**	0.14	0.050	**0.015**	0.029	0.010	J
107-06-2	1,2-Dichloroethane	**0.035**	0.036	0.0023	**0.0086**	0.0089	0.00055	J
71-43-2	Benzene	**0.43**	0.14	0.013	**0.14**	0.045	0.0040	B
56-23-5	Carbon Tetrachloride	**0.39**	0.036	0.0022	**0.062**	0.0057	0.00035	B
78-87-5	1,2-Dichloropropane	**0.013**	0.036	0.0020	**0.0029**	0.0078	0.00042	J
79-01-6	Trichloroethene	**0.017**	0.014	0.0037	**0.0031**	0.0027	0.00069	
10061-01-5	cis-1,3-Dichloropropene	0.036	0.036	0.0026	0.0079	0.0079	0.00056	U
79-00-5	1,1,2-Trichloroethane	0.036	0.036	0.0032	0.0066	0.0066	0.00059	U
106-93-4	1,2-Dibromoethane	0.036	0.036	0.0022	0.0047	0.0047	0.00027	U
127-18-4	Tetrachloroethene	**0.066**	0.036	0.0012	**0.0097**	0.0053	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.036	0.036	0.0035	0.0052	0.0052	0.00049	U
106-46-7	1,4-Dichlorobenzene	**0.010**	0.036	0.0012	**0.0017**	0.0060	0.00022	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0016	0.014	0.014	0.00016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: W Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **HH-FN4-5-OP_011607**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P2700136-008

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00612

Date Collected: 1/16/07
Date Received: 1/18/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.7 Pf 1 = 3.6

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.035	0.035	0.0027	0.014	0.014	0.0010	U
67-66-3	Chloroform	**0.075**	0.14	0.049	**0.015**	0.029	0.0099	J
107-06-2	1,2-Dichloroethane	**0.036**	0.035	0.0023	**0.0089**	0.0087	0.00054	
71-43-2	Benzene	**0.43**	0.14	0.012	**0.13**	0.044	0.0039	B
56-23-5	Carbon Tetrachloride	**0.39**	0.035	0.0021	**0.062**	0.0056	0.00034	B
78-87-5	1,2-Dichloropropane	**0.014**	0.035	0.0020	**0.0029**	0.0076	0.00041	J
79-01-6	Trichloroethene	**0.015**	0.014	0.0037	**0.0028**	0.0026	0.00068	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0078	0.0078	0.00055	U
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0031	0.0065	0.0065	0.00058	U
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0021	0.0046	0.0046	0.00027	U
127-18-4	Tetrachloroethene	**0.065**	0.035	0.0011	**0.0096**	0.0052	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0034	0.0051	0.0051	0.00048	U
106-46-7	1,4-Dichlorobenzene	**0.011**	0.035	0.0012	**0.0019**	0.0059	0.00021	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0016	0.013	0.013	0.00016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P070123-MB

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.025	0.025	0.0019	0.0098	0.0098	0.00072	U
67-66-3	Chloroform	0.10	0.10	0.035	0.020	0.020	0.0070	U
107-06-2	1,2-Dichloroethane	0.025	0.025	0.0016	0.0062	0.0062	0.00038	U
71-43-2	Benzene	**0.039**	0.10	0.0088	**0.012**	0.031	0.0028	J
56-23-5	Carbon Tetrachloride	**0.0024**	0.025	0.0015	**0.00039**	0.0040	0.00024	J
78-87-5	1,2-Dichloropropane	0.025	0.025	0.0014	0.0054	0.0054	0.00029	U
79-01-6	Trichloroethene	0.010	0.010	0.0026	0.0019	0.0019	0.00048	U
10061-01-5	cis-1,3-Dichloropropene	0.025	0.025	0.0018	0.0055	0.0055	0.00039	U
79-00-5	1,1,2-Trichloroethane	0.025	0.025	0.0022	0.0046	0.0046	0.00041	U
106-93-4	1,2-Dibromoethane	0.025	0.025	0.0015	0.0033	0.0033	0.00019	U
127-18-4	Tetrachloroethene	0.025	0.025	0.00080	0.0037	0.0037	0.00012	U
79-34-5	1,1,2,2-Tetrachloroethane	0.025	0.025	0.0024	0.0036	0.0036	0.00034	U
106-46-7	1,4-Dichlorobenzene	0.025	0.025	0.00086	0.0042	0.0042	0.00015	U
87-68-3	Hexachlorobutadiene	0.10	0.10	0.0011	0.0094	0.0094	0.00011	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: NJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136

Surrogate Spike Recovery Results

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister(s)
Test Notes:

Date Collected: 1/16/07
Date Received: 1/18/07
Date Analyzed: 1/23/07

Client Sample ID	CAS Sample ID	1,2-Dichloroethane-d4		Toluene-d8		Bromofluorobenzene		Data Qualifier
		% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	
Method Blank	P070123-MB	**100**	70-130	**100**	70-130	**97**	70-130	
Lab Control Sample	P070123-LCS	**103**	70-130	**101**	70-130	**96**	70-130	
Ambient-01_011607	P2700136-001	**100**	70-130	**101**	70-130	**92**	70-130	
Ambient-02_011607	P2700136-002	**94**	70-130	**101**	70-130	**95**	70-130	
Ambient-03_011607	P2700136-003	**100**	70-130	**100**	70-130	**96**	70-130	
Ambient-04_011607	P2700136-004	**99**	70-130	**101**	70-130	**96**	70-130	
MH-FN4-2-OP_011607	P2700136-005	**100**	70-130	**101**	70-130	**97**	70-130	
MH-FN4-2-OP_011607	P2700136-005DUP	**100**	70-130	**101**	70-130	**98**	70-130	
HH-FN4-5-CL_011607	P2700136-006	**101**	70-130	**101**	70-130	**99**	70-130	
Vault-D01_011607	P2700136-007	**99**	70-130	**102**	70-130	**101**	70-130	
HH-FN4-5-OP_011607	P2700136-008	**100**	70-130	**101**	70-130	**99**	70-130	

Verified By: mw Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136
CAS Sample ID: P070123-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 1/23/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked pg	Amount Recovered pg	% Recovery	Acceptance Limits	Data Qualifier
75-01-4	Vinyl Chloride	495	575	**116**	70-130	
67-66-3	Chloroform	600	634	**106**	70-130	
107-06-2	1,2-Dichloroethane	520	627	**121**	70-130	
71-43-2	Benzene	525	540	**103**	70-130	
56-23-5	Carbon Tetrachloride	515	508	**99**	70-130	
78-87-5	1,2-Dichloropropane	520	550	**106**	70-130	
79-01-6	Trichloroethene	545	624	**114**	70-130	
10061-01-5	cis-1,3-Dichloropropene	520	495	**95**	70-130	
79-00-5	1,1,2-Trichloroethane	515	571	**111**	70-130	
106-93-4	1,2-Dibromoethane	520	518	**100**	70-130	
127-18-4	Tetrachloroethene	515	517	**100**	70-130	
79-34-5	1,1,2,2-Tetrachloroethane	585	520	**89**	70-130	
106-46-7	1,4-Dichlorobenzene	520	526	**101**	70-130	
87-68-3	Hexachlorobutadiene	530	401	**76**	70-130	

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700136

Method Blank Summary

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:

Lab File ID: 01230713.D
Date Analyzed: 1/23/07
Time Analyzed: 16:09

Client Sample ID	CAS Sample ID	Lab File ID	Time Analyzed
Lab Control Sample	P070123-LCS	01230716.D	17:52
Ambient-01_011607	P2700136-001	01230717.D	18:33
Ambient-02_011607	P2700136-002	01230718.D	19:34
Ambient-03_011607	P2700136-003	01230719.D	20:08
Ambient-04_011607	P2700136-004	01230720.D	20:41
MH-FN4-2-OP_011607	P2700136-005	01230721.D	21:15
MH-FN4-2-OP_011607 (Lab Duplicate)	P2700136-005DUP	01230722.D	21:48
HH-FN4-5-CL_011607	P2700136-006	01230723.D	22:21
Vault-D01_011607	P2700136-007	01230724.D	22:54
HH-FN4-5-OP_011607	P2700136-008	01230725.D	23:28

Verified by: MW Date: 1/31/07

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: CH2M Hill Work order: P2700136

Project: Sky Harbor

Sample(s) received on: 1/18/07 Date opened: 1/18/07 by: MZ

Note: This form is used for all samples received by CAS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
	Cooler Temperature NA °C			
	Blank Temperature NA °C			
8	Were **custody seals** on outside of cooler/Box?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
	Were custody seals on outside of sample container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Is pH (acid) **preservation** necessary, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** (acid) preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
	Do they contain moisture?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2700136-001			NA	
P2700136-002			NA	
P2700136-003			NA	
P2700136-004			NA	
P2700136-005			NA	
P2700136-006			NA	
P2700136-007			NA	
P2700136-008			NA	

Explain any discrepancies: (include lab sample ID numbers):

37380_011607

P2700136

Columbia Analytical Services
2655 Park Center Drive Suite A
Simi Valley, CA 93065

Honeywell Chain Of Custody / Analysis Request

AESI Ref:	39098.28655		
COC#	37380		
Lab Proj # (SDG):			
Lab ID			
Site ID	SKYHARBOR		
Lab Job #			
Authorized User:	Honeywell		
Text & Excel File Drive	Excel & Text File Order		

Privileged & Confidential	Y	Site Name:	Sky Harbor
EDD To:	Jennifer Holland jennifer.holland@ch2m.com	Location of Site:	Phoenix, AZ
Sampling Co.:	CH2MHILL	Phase:	Vault Sampling
Client Contact: (name, co., address)		Sampling Program	~~Well Dilution~~ LP
CH2M HILL			
2625 South Plaza Drive, Suite 300			
Tempe, AZ 85282			
Preliminary Data To	Jennifer Holland, CH2M HILL		
Sample Receipt Acknowledgement To	Jennifer Holland, CH2M HILL		
Hard Copy To	Jennifer Holland, CH2M HILL		
Invoice To:			

Sampler:	L Peterson; R Randall; Tasha Lewis
PO #	354596.SH.41.43.VS
Analysis Turnaround Time (TAT):	Standard
Consultant	
Full Report TAT:	Standard

Preservative

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	Location ID	Start Depth (ft)	End Depth (ft)	Field Sample ID	Sample Date	Sample Time	Sample Type	Sample Matrix	Sample Purpose	# of Cont.	Composite/Grab	Field Filtered Sample ?	TO-15	Canister Serial Number	Sampling Method (code)	Lab Sample Numbers
											Units					
1	Ambient-01	—	—	Ambient-01_011607	1/16/07	0906	Air	Air	REG	1	C	N	X	02325		1 -1.7
2	Ambient-02	—	—	Ambient-02_011607	1/16/07	1025	Air	Air	REG	1	C	N	X	002851		2 -3.4
3	Ambient-03	—	—	Ambient-03_011607	1/16/07	1134	Air	Air	REG	1	C	N	X	002672		3 -3.7
4	Ambient-04	—	—	Ambient-04_011607	1/16/07	1221	Air	Air	REG	1	C	N	X	002730		4 -3.6
5	MH-FN4-2	—	—	MH-FN4-2-OP_011607	1/16/07	1317	Air	Air	REG	1	C	N	X	002405		5 -3.1
6	HH-FN4-5	—	—	HH-FN4-5-CL_011607	1/16/07	1417	Air	Air	REG	1	C	N	X	002866		6 -3.7
7		—	—	Vault-D01_011607	1/16/07	0600	Air	Air	REG	1	C	N	X	002778		7 -4.3
8	HH-FN4-5	—	—	HH-FN4-5-OP_011607	1/16/07	1510	Air	Air	REG	1	C	N	X	02033		8 -3.4
9																
10																
11																
12																

Relinquished by [signature]	Company	CH2MHill	Received by [signature]	CAS	Company	1/18/07	Condition		Custody Seals Intact
	Date/Time	1/17/06 1500			Date/Time	0045	Cooler Temp.		
Relinquished by	Company		Received by		Company		Condition		Custody Seals Intact
	Date/Time				Date/Time		Cooler Temp.		

Preservatives: (Other; Specify): 0 (none); 1 (4 Deg C); 2 (HCl pH<2); 3 (HNO3 pH<2); 4 (H2SO4 pH<2); 5 (NaOH pH>12); 6 (NaOH, Zn Acetate); 7 (H2SO4 (pH<2), 4 Deg C)); 8 (HCl pH<2); 9 (HCl 4 Deg C); 10 (HNO3 (pH<2), 4Deg C); 11 (4C NaOH (pH>12) & Ascorbic Acid); 12 (4C H2SO4 (pH<2) & Na2S2O3); 13 (Zn Acetate); sp (special instructions) 10435

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

February 2, 2007

Ms. Jennifer Holland
CH2M Hill
2625 S. Plaza Drive, Suite 300
Tempe, AZ 85282

RE: P2700146
Sky Harbor

Dear Ms. Holland:

Enclosed are the results of the sample(s) submitted to our laboratory on January 19, 2007. For your reference, these analyses have been assigned our service request number P2700146.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Your report contains 52 pages.

Columbia Analytical Services is certified by the California Department of Health Services, Certificate No. 2380; Arizona Department of Health Services, Certificate No. AZ0694; New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID #CA009; New York State Department of Health, NELAP NY Lab ID No: 11221; Oregon Environmental Laboratory Accreditation Program, NELAP ID: CA20007; The American Industrial Hygiene Association, Laboratory #101661. Please contact me for specific method(s) and analyte(s) corresponding to a particular certification.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

Columbia Analytical Services, Inc.

Kate Aguilera

Kate Aguilera
Project Manager

NELAP Accredited ACIL Seal of Excellence Award 100% Recycled

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

LABORATORY REPORT

Client:	CH2M HILL	Date of Report:	02/02/07
Address:	2625 S. Plaza Drive, Suite 300	Date Received:	01/19/07
	Tempe, AZ 85282	CAS Project No:	P2700146
Contact:	Ms. Jennifer Holland	Purchase Order:	2959482
Client Project ID:	Sky Harbor	Arizona License No.:	AZ0694

Nine (9) Stainless Steel Summa Canisters labeled:

"SW-MH-01-OP_011707"	"Power East-OP_011707"	"SW-MH-02-OP_011707"
"FBO-VLT-02-OP_011707"	"Vault-D02_011707"	"ELE-VLT-16-CL_011707"
"Vault-D03_011707"	"ELE-VLT-15-OP_011707"	"ELE-VLT-16-OP_011707"

The samples were received at the laboratory under chain of custody on January 19, 2007. The samples were received intact. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time that they were received at the laboratory.

Volatile Organic Compound Analysis

The samples were analyzed by combined gas chromatography/mass spectrometry (GC/MS) for selected volatile organic compounds. The samples were also analyzed by combined gas chromatography/mass spectrometry (GC/MS) in selective ion monitoring (SIM) mode for selected volatile organic compounds The analyses were performed according to the methodology outlined in EPA Method TO-15. The analyses were performed by gas chromatography/mass spectrometry, utilizing a direct cryogenic trapping technique. The analytical systems used were comprised of an Agilent Model 5973inert GC/MS/DS and an Agilent Model 5973N GC/MS/DS each interfaced to a Tekmar AutoCan Elite whole air inlet system/cryogenic concentrator. A 100% Dimethylpolysiloxane capillary column (RT_x-1, Restek Corporation, Bellefonte, PA) was used to achieve chromatographic separation.

The results of analyses are given on the attached data sheets. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

Reviewed and Approved:

Liliana Marghitoiu
Analytical Chemist
Air Quality Laboratory

Reviewed and Approved:

Chris Parnell
GCMS-VOA Team Leader
Air Quality Laboratory

NELAP Accredited ACIL Seal of Excellence Award 100% Recycled

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **SW-MH-01-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00383

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.5

Can D.F. = 1.38

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	0.69	0.069	**0.43**	0.14	0.015	
74-87-3	Chloromethane	**0.54**	0.69	0.13	**0.26**	0.33	0.065	**J**
75-01-4	Vinyl Chloride	0.69	0.69	0.17	0.27	0.27	0.065	**U**
74-83-9	Bromomethane	0.69	0.69	0.19	0.18	0.18	0.051	**U**
75-00-3	Chloroethane	0.69	0.69	0.091	0.26	0.26	0.036	**U**
107-02-8	Acrolein	**0.55**	0.69	0.14	**0.24**	0.30	0.061	**J**
67-64-1	Acetone	**8.4**	6.9	0.11	**3.6**	2.9	0.048	**B**
75-69-4	Trichlorofluoromethane	**1.0**	0.69	0.11	**0.18**	0.12	0.021	
107-13-1	Acrylonitrile	0.69	0.69	0.069	0.32	0.32	0.033	**U**
75-35-4	1,1-Dichloroethene	0.69	0.69	0.069	0.17	0.17	0.018	**U**
75-09-2	Methylene chloride	**0.17**	0.69	0.091	**0.049**	0.20	0.028	**J**
76-13-1	Trichlorotrifluoroethane	**0.53**	0.69	0.14	**0.069**	0.090	0.019	**J**
75-15-0	Carbon Disulfide	**0.18**	0.69	0.069	**0.058**	0.22	0.023	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.69	0.69	0.070	0.17	0.17	0.018	**U**
75-34-3	1,1-Dichloroethane	0.69	0.69	0.069	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.69	0.69	0.069	0.19	0.19	0.019	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.35	0.39	0.39	0.099	**U**
78-93-3	2-Butanone (MEK)	**1.2**	0.69	0.17	**0.42**	0.23	0.057	
156-59-2	cis-1,2-Dichloroethene	0.69	0.69	0.069	0.17	0.17	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **SW-MH-01-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00383

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.5

Can D.F. = 1.38

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.69	0.69	0.069	0.14	0.14	0.015	U
107-06-2	1,2-Dichloroethane	0.69	0.69	0.091	0.17	0.17	0.023	U
71-55-6	1,1,1-Trichloroethane	0.69	0.69	0.069	0.13	0.13	0.013	U
71-43-2	Benzene	**0.55**	0.69	0.22	**0.17**	0.22	0.070	J
56-23-5	Carbon Tetrachloride	**0.43**	0.69	0.14	**0.068**	0.11	0.022	J
78-87-5	1,2-Dichloropropane	0.69	0.69	0.079	0.15	0.15	0.018	U
75-27-4	Bromodichloromethane	0.69	0.69	0.11	0.10	0.10	0.018	U
79-01-6	Trichloroethene	**0.23**	0.69	0.10	**0.042**	0.13	0.019	J, B
10061-01-5	cis-1,3-Dichloropropene	0.69	0.69	0.069	0.15	0.15	0.017	U
108-10-1	4-Methyl-2-pentanone	0.69	0.69	0.077	0.17	0.17	0.019	U
10061-02-6	trans-1,3-Dichloropropene	0.69	0.69	0.094	0.15	0.15	0.021	U
79-00-5	1,1,2-Trichloroethane	0.69	0.69	0.15	0.13	0.13	0.029	U
108-88-3	Toluene	**0.86**	0.69	0.069	**0.23**	0.18	0.019	
591-78-6	2-Hexanone	**0.12**	0.69	0.069	**0.028**	0.17	0.018	J
124-48-1	Dibromochloromethane	0.69	0.69	0.072	0.081	0.081	0.0086	U
106-93-4	1,2-Dibromoethane	0.69	0.69	0.080	0.090	0.090	0.010	U
127-18-4	Tetrachloroethene	**0.18**	0.69	0.090	**0.027**	0.10	0.013	J
108-90-7	Chlorobenzene	0.69	0.69	0.069	0.15	0.15	0.015	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MV Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **SW-MH-01-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00383

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.5

Can D.F. = 1.38

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.16**	0.69	0.069	**0.037**	0.16	0.017	**J**
179601-23-1	*m,p*-Xylenes	**0.54**	1.4	0.14	**0.12**	0.32	0.033	**J**
75-25-2	Bromoform	0.69	0.69	0.14	0.067	0.067	0.013	**U**
100-42-5	Styrene	0.69	0.69	0.069	0.16	0.16	0.017	**U**
95-47-6	o-Xylene	**0.18**	0.69	0.069	**0.041**	0.16	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.69	0.69	0.084	0.10	0.10	0.012	**U**
98-82-8	Cumene	0.69	0.69	0.069	0.14	0.14	0.015	**U**
103-65-1	n-Propylbenzene	0.69	0.69	0.069	0.14	0.14	0.015	**U**
108-67-8	1,3,5-Trimethylbenzene	0.69	0.69	0.26	0.14	0.14	0.054	**U**
95-63-6	1,2,4-Trimethylbenzene	0.69	0.69	0.33	0.14	0.14	0.068	**U**
541-73-1	1,3-Dichlorobenzene	0.69	0.69	0.091	0.11	0.11	0.015	**U**
106-46-7	1,4-Dichlorobenzene	0.69	0.69	0.097	0.11	0.11	0.017	**U**
135-98-8	sec-Butylbenzene	0.69	0.69	0.097	0.13	0.13	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.69	0.69	0.17	0.13	0.13	0.030	**U**
95-50-1	1,2-Dichlorobenzene	0.69	0.69	0.17	0.11	0.11	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.69	0.69	0.14	0.071	0.071	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.69	0.69	0.30	0.093	0.093	0.041	**U**
91-20-3	Naphthalene	0.69	0.69	0.33	0.13	0.13	0.063	**U**
87-68-3	Hexachlorobutadiene	0.69	0.69	0.14	0.065	0.065	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Power East-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01078

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	0.72	0.072	**0.42**	0.15	0.016	
74-87-3	Chloromethane	**0.59**	0.72	0.14	**0.28**	0.35	0.068	**J**
75-01-4	Vinyl Chloride	0.72	0.72	0.17	0.28	0.28	0.068	**U**
74-83-9	Bromomethane	0.72	0.72	0.20	0.19	0.19	0.053	**U**
75-00-3	Chloroethane	0.72	0.72	0.095	0.27	0.27	0.037	**U**
107-02-8	Acrolein	**0.62**	0.72	0.14	**0.27**	0.31	0.063	**J**
67-64-1	Acetone	**8.5**	7.2	0.12	**3.6**	3.0	0.050	**B**
75-69-4	Trichlorofluoromethane	**1.0**	0.72	0.12	**0.18**	0.13	0.022	
107-13-1	Acrylonitrile	0.72	0.72	0.072	0.33	0.33	0.035	**U**
75-35-4	1,1-Dichloroethene	0.72	0.72	0.072	0.18	0.18	0.019	**U**
75-09-2	Methylene chloride	**0.19**	0.72	0.095	**0.054**	0.21	0.029	**J**
76-13-1	Trichlorotrifluoroethane	**0.49**	0.72	0.14	**0.064**	0.094	0.020	**J**
75-15-0	Carbon Disulfide	**0.16**	0.72	0.072	**0.053**	0.23	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.72	0.72	0.073	0.18	0.18	0.019	**U**
75-34-3	1,1-Dichloroethane	0.72	0.72	0.072	0.18	0.18	0.019	**U**
1634-04-4	Methyl tert-Butyl Ether	0.72	0.72	0.072	0.20	0.20	0.020	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.36	0.41	0.41	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.7**	0.72	0.17	**0.58**	0.24	0.059	
156-59-2	cis-1,2-Dichloroethene	0.72	0.72	0.072	0.18	0.18	0.019	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Power East-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01078

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.72	0.72	0.072	0.15	0.15	0.016	U
107-06-2	1,2-Dichloroethane	0.72	0.72	0.095	0.18	0.18	0.024	U
71-55-6	1,1,1-Trichloroethane	0.72	0.72	0.072	0.13	0.13	0.013	U
71-43-2	Benzene	**0.50**	0.72	0.23	**0.16**	0.23	0.073	J
56-23-5	Carbon Tetrachloride	**0.43**	0.72	0.14	**0.069**	0.11	0.023	J
78-87-5	1,2-Dichloropropane	0.72	0.72	0.082	0.16	0.16	0.019	U
75-27-4	Bromodichloromethane	0.72	0.72	0.12	0.11	0.11	0.019	U
79-01-6	Trichloroethene	**0.25**	0.72	0.11	**0.046**	0.13	0.020	J, B
10061-01-5	cis-1,3-Dichloropropene	0.72	0.72	0.072	0.16	0.16	0.017	U
108-10-1	4-Methyl-2-pentanone	**0.082**	0.72	0.081	**0.020**	0.18	0.020	J
10061-02-6	trans-1,3-Dichloropropene	0.72	0.72	0.098	0.16	0.16	0.022	U
79-00-5	1,1,2-Trichloroethane	0.72	0.72	0.16	0.13	0.13	0.030	U
108-88-3	Toluene	**0.59**	0.72	0.072	**0.16**	0.19	0.020	J
591-78-6	2-Hexanone	**0.17**	0.72	0.072	**0.040**	0.18	0.019	J
124-48-1	Dibromochloromethane	0.72	0.72	0.075	0.085	0.085	0.0089	U
106-93-4	1,2-Dibromoethane	0.72	0.72	0.084	0.094	0.094	0.011	U
127-18-4	Tetrachloroethene	0.72	0.72	0.094	0.11	0.11	0.014	U
108-90-7	Chlorobenzene	0.72	0.72	0.072	0.16	0.16	0.016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Power East-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01078

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.14**	0.72	0.072	**0.033**	0.17	0.017	**J**
179601-23-1	*m,p* -Xylenes	**0.50**	1.4	0.14	**0.12**	0.33	0.035	**J**
75-25-2	Bromoform	0.72	0.72	0.14	0.070	0.070	0.014	**U**
100-42-5	Styrene	0.72	0.72	0.072	0.17	0.17	0.017	**U**
95-47-6	o-Xylene	**0.19**	0.72	0.072	**0.043**	0.17	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.72	0.72	0.088	0.10	0.10	0.013	**U**
98-82-8	Cumene	0.72	0.72	0.072	0.15	0.15	0.016	**U**
103-65-1	n-Propylbenzene	0.72	0.72	0.072	0.15	0.15	0.016	**U**
108-67-8	1,3,5-Trimethylbenzene	0.72	0.72	0.27	0.15	0.15	0.056	**U**
95-63-6	1,2,4-Trimethylbenzene	0.72	0.72	0.35	0.15	0.15	0.071	**U**
541-73-1	1,3-Dichlorobenzene	0.72	0.72	0.095	0.12	0.12	0.016	**U**
106-46-7	1,4-Dichlorobenzene	0.72	0.72	0.10	0.12	0.12	0.017	**U**
135-98-8	sec-Butylbenzene	0.72	0.72	0.10	0.13	0.13	0.019	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.72	0.72	0.17	0.13	0.13	0.032	**U**
95-50-1	1,2-Dichlorobenzene	0.72	0.72	0.17	0.12	0.12	0.029	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.72	0.72	0.14	0.075	0.075	0.016	**U**
120-82-1	1,2,4-Trichlorobenzene	0.72	0.72	0.32	0.097	0.097	0.043	**U**
91-20-3	Naphthalene	0.72	0.72	0.35	0.14	0.14	0.066	**U**
87-68-3	Hexachlorobutadiene	0.72	0.72	0.14	0.068	0.068	0.014	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **SW-MH-02-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01179

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.7 Pf 1 = 3.5

Can D.F. = 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	0.70	0.070	**0.43**	0.14	0.015	
74-87-3	Chloromethane	**0.56**	0.70	0.14	**0.27**	0.34	0.066	**J**
75-01-4	Vinyl Chloride	0.70	0.70	0.17	0.27	0.27	0.066	**U**
74-83-9	Bromomethane	0.70	0.70	0.20	0.18	0.18	0.052	**U**
75-00-3	Chloroethane	0.70	0.70	0.092	0.27	0.27	0.036	**U**
107-02-8	Acrolein	**0.85**	0.70	0.14	**0.37**	0.31	0.062	
67-64-1	Acetone	**7.7**	7.0	0.12	**3.3**	2.9	0.049	**B**
75-69-4	Trichlorofluoromethane	**1.1**	0.70	0.11	**0.19**	0.12	0.021	
107-13-1	Acrylonitrile	0.70	0.70	0.070	0.32	0.32	0.034	**U**
75-35-4	1,1-Dichloroethene	**0.11**	0.70	0.070	**0.028**	0.18	0.018	**J**
75-09-2	Methylene chloride	**0.26**	0.70	0.092	**0.075**	0.20	0.028	**J**
76-13-1	Trichlorotrifluoroethane	**0.57**	0.70	0.14	**0.075**	0.091	0.020	**J**
75-15-0	Carbon Disulfide	**0.20**	0.70	0.070	**0.063**	0.22	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.70	0.70	0.071	0.18	0.18	0.018	**U**
75-34-3	1,1-Dichloroethane	0.70	0.70	0.070	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.70	0.70	0.070	0.19	0.19	0.020	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.35	0.40	0.40	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.4**	0.70	0.17	**0.47**	0.24	0.057	
156-59-2	cis-1,2-Dichloroethene	0.70	0.70	0.070	0.18	0.18	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: NW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **SW-MH-02-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01179

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.7 Pf 1 = 3.5

Can D.F. = 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**14**	0.70	0.070	**2.8**	0.14	0.015	
107-06-2	1,2-Dichloroethane	0.70	0.70	0.092	0.17	0.17	0.024	**U**
71-55-6	1,1,1-Trichloroethane	**0.070**	0.70	0.070	**0.013**	0.13	0.013	**J**
71-43-2	Benzene	**0.51**	0.70	0.22	**0.16**	0.22	0.071	**J**
56-23-5	Carbon Tetrachloride	**0.46**	0.70	0.14	**0.073**	0.11	0.022	**J**
78-87-5	1,2-Dichloropropane	0.70	0.70	0.080	0.15	0.15	0.018	**U**
75-27-4	Bromodichloromethane	**14**	0.70	0.11	**2.1**	0.10	0.018	
79-01-6	Trichloroethene	**0.35**	0.70	0.10	**0.066**	0.13	0.020	**J, B**
10061-01-5	cis-1,3-Dichloropropene	0.70	0.70	0.070	0.15	0.15	0.017	**U**
108-10-1	4-Methyl-2-pentanone	**0.14**	0.70	0.078	**0.035**	0.17	0.020	**J**
10061-02-6	trans-1,3-Dichloropropene	0.70	0.70	0.095	0.15	0.15	0.021	**U**
79-00-5	1,1,2-Trichloroethane	0.70	0.70	0.15	0.13	0.13	0.029	**U**
108-88-3	Toluene	**0.81**	0.70	0.070	**0.22**	0.19	0.020	
591-78-6	2-Hexanone	**0.19**	0.70	0.070	**0.046**	0.17	0.018	**J**
124-48-1	Dibromochloromethane	**13**	0.70	0.073	**1.5**	0.082	0.0087	
106-93-4	1,2-Dibromoethane	0.70	0.70	0.081	0.091	0.091	0.011	**U**
127-18-4	Tetrachloroethene	**0.11**	0.70	0.091	**0.017**	0.10	0.013	**J**
108-90-7	Chlorobenzene	0.70	0.70	0.070	0.15	0.15	0.015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MU Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **SW-MH-02-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01179

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.7 Pf 1 = 3.5

Can D.F. = 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.17**	0.70	0.070	**0.039**	0.16	0.017	**J**
179601-23-1	*m,p* -Xylenes	**0.58**	1.4	0.14	**0.13**	0.32	0.034	**J**
75-25-2	Bromoform	**2.5**	0.70	0.14	**0.24**	0.068	0.014	
100-42-5	Styrene	0.70	0.70	0.070	0.16	0.16	0.017	**U**
95-47-6	o-Xylene	**0.19**	0.70	0.070	**0.044**	0.16	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.70	0.70	0.085	0.10	0.10	0.012	**U**
98-82-8	Cumene	0.70	0.70	0.070	0.14	0.14	0.015	**U**
103-65-1	n-Propylbenzene	0.70	0.70	0.070	0.14	0.14	0.015	**U**
108-67-8	1,3,5-Trimethylbenzene	0.70	0.70	0.27	0.14	0.14	0.055	**U**
95-63-6	1,2,4-Trimethylbenzene	0.70	0.70	0.34	0.14	0.14	0.069	**U**
541-73-1	1,3-Dichlorobenzene	0.70	0.70	0.092	0.12	0.12	0.015	**U**
106-46-7	1,4-Dichlorobenzene	0.70	0.70	0.098	0.12	0.12	0.017	**U**
135-98-8	sec-Butylbenzene	0.70	0.70	0.098	0.13	0.13	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.70	0.70	0.17	0.13	0.13	0.031	**U**
95-50-1	1,2-Dichlorobenzene	0.70	0.70	0.17	0.12	0.12	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.70	0.70	0.14	0.072	0.072	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.70	0.70	0.31	0.094	0.094	0.042	**U**
91-20-3	Naphthalene	0.70	0.70	0.34	0.13	0.13	0.064	**U**
87-68-3	Hexachlorobutadiene	0.70	0.70	0.14	0.066	0.066	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: M Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **FBO-VLT-02-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01228

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.6 Pf 1 = 3.6

Can D.F. = 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	0.70	0.070	**0.43**	0.14	0.015	
74-87-3	Chloromethane	**0.62**	0.70	0.14	**0.30**	0.34	0.066	**J**
75-01-4	Vinyl Chloride	0.70	0.70	0.17	0.27	0.27	0.066	**U**
74-83-9	Bromomethane	0.70	0.70	0.20	0.18	0.18	0.052	**U**
75-00-3	Chloroethane	0.70	0.70	0.092	0.27	0.27	0.036	**U**
107-02-8	Acrolein	**0.34**	0.70	0.14	**0.15**	0.31	0.062	**J**
67-64-1	Acetone	**5.4**	7.0	0.12	**2.3**	2.9	0.049	**J, B**
75-69-4	Trichlorofluoromethane	**1.0**	0.70	0.11	**0.18**	0.12	0.021	
107-13-1	Acrylonitrile	0.70	0.70	0.070	0.32	0.32	0.034	**U**
75-35-4	1,1-Dichloroethene	0.70	0.70	0.070	0.18	0.18	0.018	**U**
75-09-2	Methylene chloride	**0.19**	0.70	0.092	**0.054**	0.20	0.028	**J**
76-13-1	Trichlorotrifluoroethane	**0.55**	0.70	0.14	**0.071**	0.091	0.020	**J**
75-15-0	Carbon Disulfide	**0.22**	0.70	0.070	**0.071**	0.22	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.70	0.70	0.071	0.18	0.18	0.018	**U**
75-34-3	1,1-Dichloroethane	0.70	0.70	0.070	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.70	0.70	0.070	0.19	0.19	0.020	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.35	0.40	0.40	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.3**	0.70	0.17	**0.45**	0.24	0.057	
156-59-2	cis-1,2-Dichloroethene	0.70	0.70	0.070	0.18	0.18	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **FBO-VLT-02-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01228

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.6 Pf 1 = 3.6

Can D.F. = 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.70	0.70	0.070	0.14	0.14	0.015	U
107-06-2	1,2-Dichloroethane	0.70	0.70	0.092	0.17	0.17	0.024	U
71-55-6	1,1,1-Trichloroethane	0.70	0.70	0.070	0.13	0.13	0.013	U
71-43-2	Benzene	**0.55**	0.70	0.22	**0.17**	0.22	0.071	J
56-23-5	Carbon Tetrachloride	**0.42**	0.70	0.14	**0.067**	0.11	0.022	J
78-87-5	1,2-Dichloropropane	0.70	0.70	0.080	0.15	0.15	0.018	U
75-27-4	Bromodichloromethane	0.70	0.70	0.11	0.10	0.10	0.018	U
79-01-6	Trichloroethene	**0.23**	0.70	0.10	**0.043**	0.13	0.020	J, B
10061-01-5	cis-1,3-Dichloropropene	0.70	0.70	0.070	0.15	0.15	0.017	U
108-10-1	4-Methyl-2-pentanone	0.70	0.70	0.078	0.17	0.17	0.020	U
10061-02-6	trans-1,3-Dichloropropene	0.70	0.70	0.095	0.15	0.15	0.021	U
79-00-5	1,1,2-Trichloroethane	0.70	0.70	0.15	0.13	0.13	0.029	U
108-88-3	Toluene	**1.0**	0.70	0.070	**0.27**	0.19	0.020	
591-78-6	2-Hexanone	**0.11**	0.70	0.070	**0.026**	0.17	0.018	J
124-48-1	Dibromochloromethane	0.70	0.70	0.073	0.082	0.082	0.0087	U
106-93-4	1,2-Dibromoethane	0.70	0.70	0.081	0.091	0.091	0.011	U
127-18-4	Tetrachloroethene	0.70	0.70	0.091	0.10	0.10	0.013	U
108-90-7	Chlorobenzene	0.70	0.70	0.070	0.15	0.15	0.015	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MV Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **FBO-VLT-02-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01228

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.6 Pf 1 = 3.6

Can D.F. = 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.16**	0.70	0.070	**0.037**	0.16	0.017	**J**
179601-23-1	*m,p*-Xylenes	**0.49**	1.4	0.14	**0.11**	0.32	0.034	**J**
75-25-2	Bromoform	0.70	0.70	0.14	0.068	0.068	0.014	**U**
100-42-5	Styrene	**0.091**	0.70	0.070	**0.021**	0.16	0.017	**J**
95-47-6	o-Xylene	**0.17**	0.70	0.070	**0.040**	0.16	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.70	0.70	0.085	0.10	0.10	0.012	**U**
98-82-8	Cumene	0.70	0.70	0.070	0.14	0.14	0.015	**U**
103-65-1	n-Propylbenzene	0.70	0.70	0.070	0.14	0.14	0.015	**U**
108-67-8	1,3,5-Trimethylbenzene	0.70	0.70	0.27	0.14	0.14	0.055	**U**
95-63-6	1,2,4-Trimethylbenzene	0.70	0.70	0.34	0.14	0.14	0.069	**U**
541-73-1	1,3-Dichlorobenzene	0.70	0.70	0.092	0.12	0.12	0.015	**U**
106-46-7	1,4-Dichlorobenzene	0.70	0.70	0.098	0.12	0.12	0.017	**U**
135-98-8	sec-Butylbenzene	0.70	0.70	0.098	0.13	0.13	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.70	0.70	0.17	0.13	0.13	0.031	**U**
95-50-1	1,2-Dichlorobenzene	0.70	0.70	0.17	0.12	0.12	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.70	0.70	0.14	0.072	0.072	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.70	0.70	0.31	0.094	0.094	0.042	**U**
91-20-3	Naphthalene	0.70	0.70	0.34	0.13	0.13	0.064	**U**
87-68-3	Hexachlorobutadiene	0.70	0.70	0.14	0.066	0.066	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: µ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D02_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00898

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.5

Can D.F. = 1.38

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	0.69	0.069	**0.43**	0.14	0.015	
74-87-3	Chloromethane	**0.59**	0.69	0.13	**0.29**	0.33	0.065	**J**
75-01-4	Vinyl Chloride	0.69	0.69	0.17	0.27	0.27	0.065	**U**
74-83-9	Bromomethane	0.69	0.69	0.19	0.18	0.18	0.051	**U**
75-00-3	Chloroethane	0.69	0.69	0.091	0.26	0.26	0.036	**U**
107-02-8	Acrolein	**0.65**	0.69	0.14	**0.28**	0.30	0.061	**J**
67-64-1	Acetone	**8.8**	6.9	0.11	**3.7**	2.9	0.048	**B**
75-69-4	Trichlorofluoromethane	**1.0**	0.69	0.11	**0.18**	0.12	0.021	
107-13-1	Acrylonitrile	0.69	0.69	0.069	0.32	0.32	0.033	**U**
75-35-4	1,1-Dichloroethene	0.69	0.69	0.069	0.17	0.17	0.018	**U**
75-09-2	Methylene chloride	**0.19**	0.69	0.091	**0.055**	0.20	0.028	**J**
76-13-1	Trichlorotrifluoroethane	**0.56**	0.69	0.14	**0.073**	0.090	0.019	**J**
75-15-0	Carbon Disulfide	**0.17**	0.69	0.069	**0.055**	0.22	0.023	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.69	0.69	0.070	0.17	0.17	0.018	**U**
75-34-3	1,1-Dichloroethane	0.69	0.69	0.069	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.69	0.69	0.069	0.19	0.19	0.019	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.35	0.39	0.39	0.099	**U**
78-93-3	2-Butanone (MEK)	**1.8**	0.69	0.17	**0.60**	0.23	0.057	
156-59-2	cis-1,2-Dichloroethene	0.69	0.69	0.069	0.17	0.17	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D02_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00898

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.5

Can D.F. = 1.38

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.69	0.69	0.069	0.14	0.14	0.015	U
107-06-2	1,2-Dichloroethane	0.69	0.69	0.091	0.17	0.17	0.023	U
71-55-6	1,1,1-Trichloroethane	0.69	0.69	0.069	0.13	0.13	0.013	U
71-43-2	Benzene	**0.58**	0.69	0.22	**0.18**	0.22	0.070	J
56-23-5	Carbon Tetrachloride	**0.44**	0.69	0.14	**0.070**	0.11	0.022	J
78-87-5	1,2-Dichloropropane	0.69	0.69	0.079	0.15	0.15	0.018	U
75-27-4	Bromodichloromethane	0.69	0.69	0.11	0.10	0.10	0.018	U
79-01-6	Trichloroethene	**0.24**	0.69	0.10	**0.044**	0.13	0.019	J, B
10061-01-5	cis-1,3-Dichloropropene	0.69	0.69	0.069	0.15	0.15	0.017	U
108-10-1	4-Methyl-2-pentanone	0.69	0.69	0.077	0.17	0.17	0.019	U
10061-02-6	trans-1,3-Dichloropropene	0.69	0.69	0.094	0.15	0.15	0.021	U
79-00-5	1,1,2-Trichloroethane	0.69	0.69	0.15	0.13	0.13	0.029	U
108-88-3	Toluene	**0.82**	0.69	0.069	**0.22**	0.18	0.019	
591-78-6	2-Hexanone	**0.15**	0.69	0.069	**0.038**	0.17	0.018	J
124-48-1	Dibromochloromethane	0.69	0.69	0.072	0.081	0.081	0.0086	U
106-93-4	1,2-Dibromoethane	0.69	0.69	0.080	0.090	0.090	0.010	U
127-18-4	Tetrachloroethene	**0.091**	0.69	0.090	**0.013**	0.10	0.013	J
108-90-7	Chlorobenzene	0.69	0.69	0.069	0.15	0.15	0.015	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D02_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00898

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.5

Can D.F. = 1.38

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.15**	0.69	0.069	**0.035**	0.16	0.017	**J**
179601-23-1	*m,p*-Xylenes	**0.48**	1.4	0.14	**0.11**	0.32	0.033	**J**
75-25-2	Bromoform	0.69	0.69	0.14	0.067	0.067	0.013	**U**
100-42-5	Styrene	**0.081**	0.69	0.069	**0.019**	0.16	0.017	**J**
95-47-6	o-Xylene	**0.16**	0.69	0.069	**0.037**	0.16	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.69	0.69	0.084	0.10	0.10	0.012	**U**
98-82-8	Cumene	0.69	0.69	0.069	0.14	0.14	0.015	**U**
103-65-1	n-Propylbenzene	0.69	0.69	0.069	0.14	0.14	0.015	**U**
108-67-8	1,3,5-Trimethylbenzene	0.69	0.69	0.26	0.14	0.14	0.054	**U**
95-63-6	1,2,4-Trimethylbenzene	0.69	0.69	0.33	0.14	0.14	0.068	**U**
541-73-1	1,3-Dichlorobenzene	0.69	0.69	0.091	0.11	0.11	0.015	**U**
106-46-7	1,4-Dichlorobenzene	0.69	0.69	0.097	0.11	0.11	0.017	**U**
135-98-8	sec-Butylbenzene	0.69	0.69	0.097	0.13	0.13	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.69	0.69	0.17	0.13	0.13	0.030	**U**
95-50-1	1,2-Dichlorobenzene	0.69	0.69	0.17	0.11	0.11	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.69	0.69	0.14	0.071	0.071	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.69	0.69	0.30	0.093	0.093	0.041	**U**
91-20-3	Naphthalene	0.69	0.69	0.33	0.13	0.13	0.063	**U**
87-68-3	Hexachlorobutadiene	0.69	0.69	0.14	0.065	0.065	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-16-CL_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00198

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	0.71	0.071	**0.48**	0.14	0.016	
74-87-3	Chloromethane	**0.53**	0.71	0.14	**0.26**	0.34	0.066	**J**
75-01-4	Vinyl Chloride	0.71	0.71	0.17	0.28	0.28	0.066	**U**
74-83-9	Bromomethane	0.71	0.71	0.20	0.18	0.18	0.052	**U**
75-00-3	Chloroethane	0.71	0.71	0.093	0.27	0.27	0.037	**U**
107-02-8	Acrolein	**0.68**	0.71	0.14	**0.30**	0.31	0.062	**J**
67-64-1	Acetone	**7.6**	7.1	0.12	**3.2**	3.0	0.049	**B**
75-69-4	Trichlorofluoromethane	**1.1**	0.71	0.11	**0.20**	0.13	0.021	
107-13-1	Acrylonitrile	0.71	0.71	0.071	0.32	0.32	0.034	**U**
75-35-4	1,1-Dichloroethene	**0.089**	0.71	0.071	**0.022**	0.18	0.018	**J**
75-09-2	Methylene chloride	**0.20**	0.71	0.093	**0.058**	0.20	0.028	**J**
76-13-1	Trichlorotrifluoroethane	**1.8**	0.71	0.14	**0.23**	0.092	0.020	
75-15-0	Carbon Disulfide	**0.28**	0.71	0.071	**0.089**	0.23	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.71	0.71	0.072	0.18	0.18	0.018	**U**
75-34-3	1,1-Dichloroethane	0.71	0.71	0.071	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.71	0.71	0.071	0.20	0.20	0.020	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.35	0.40	0.40	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.6**	0.71	0.17	**0.53**	0.24	0.058	
156-59-2	cis-1,2-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: NJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-16-CL_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00198

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.12**	0.71	0.071	**0.025**	0.14	0.016	**J**
107-06-2	1,2-Dichloroethane	0.71	0.71	0.093	0.17	0.17	0.024	**U**
71-55-6	1,1,1-Trichloroethane	0.71	0.71	0.071	0.13	0.13	0.013	**U**
71-43-2	Benzene	**0.52**	0.71	0.23	**0.16**	0.22	0.072	**J**
56-23-5	Carbon Tetrachloride	**0.42**	0.71	0.14	**0.067**	0.11	0.023	**J**
78-87-5	1,2-Dichloropropane	0.71	0.71	0.080	0.15	0.15	0.018	**U**
75-27-4	Bromodichloromethane	0.71	0.71	0.11	0.11	0.11	0.018	**U**
79-01-6	Trichloroethene	**0.24**	0.71	0.10	**0.044**	0.13	0.020	**J, B**
10061-01-5	cis-1,3-Dichloropropene	0.71	0.71	0.071	0.16	0.16	0.017	**U**
108-10-1	4-Methyl-2-pentanone	**0.14**	0.71	0.079	**0.034**	0.17	0.020	**J**
10061-02-6	trans-1,3-Dichloropropene	0.71	0.71	0.096	0.16	0.16	0.021	**U**
79-00-5	1,1,2-Trichloroethane	0.71	0.71	0.16	0.13	0.13	0.030	**U**
108-88-3	Toluene	**0.62**	0.71	0.071	**0.17**	0.19	0.020	**J**
591-78-6	2-Hexanone	**0.14**	0.71	0.071	**0.034**	0.17	0.018	**J**
124-48-1	Dibromochloromethane	0.71	0.71	0.073	0.083	0.083	0.0087	**U**
106-93-4	1,2-Dibromoethane	0.71	0.71	0.082	0.092	0.092	0.011	**U**
127-18-4	Tetrachloroethene	**0.28**	0.71	0.092	**0.042**	0.10	0.014	**J**
108-90-7	Chlorobenzene	0.71	0.71	0.071	0.15	0.15	0.016	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MV Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-16-CL_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00198

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.14**	0.71	0.071	**0.032**	0.16	0.017	**J**
179601-23-1	*m,p* -Xylenes	**0.46**	1.4	0.14	**0.11**	0.32	0.034	**J**
75-25-2	Bromoform	0.71	0.71	0.14	0.068	0.068	0.014	**U**
100-42-5	Styrene	**0.079**	0.71	0.071	**0.019**	0.17	0.017	**J**
95-47-6	o-Xylene	**0.17**	0.71	0.071	**0.040**	0.16	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.71	0.71	0.086	0.10	0.10	0.013	**U**
98-82-8	Cumene	0.71	0.71	0.071	0.14	0.14	0.016	**U**
103-65-1	n-Propylbenzene	0.71	0.71	0.071	0.14	0.14	0.016	**U**
108-67-8	1,3,5-Trimethylbenzene	0.71	0.71	0.27	0.14	0.14	0.055	**U**
95-63-6	1,2,4-Trimethylbenzene	0.71	0.71	0.34	0.14	0.14	0.069	**U**
541-73-1	1,3-Dichlorobenzene	0.71	0.71	0.093	0.12	0.12	0.016	**U**
106-46-7	1,4-Dichlorobenzene	0.71	0.71	0.099	0.12	0.12	0.017	**U**
135-98-8	sec-Butylbenzene	0.71	0.71	0.099	0.13	0.13	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.71	0.71	0.17	0.13	0.13	0.031	**U**
95-50-1	1,2-Dichlorobenzene	0.71	0.71	0.17	0.12	0.12	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.71	0.71	0.14	0.073	0.073	0.016	**U**
120-82-1	1,2,4-Trichlorobenzene	0.71	0.71	0.31	0.095	0.095	0.042	**U**
91-20-3	Naphthalene	0.71	0.71	0.34	0.13	0.13	0.065	**U**
87-68-3	Hexachlorobutadiene	0.71	0.71	0.14	0.066	0.066	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D03_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00565

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.9 Pf 1 = 3.5

Can D.F. = 1.42

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	0.71	0.071	**0.48**	0.14	0.016	
74-87-3	Chloromethane	**0.51**	0.71	0.14	**0.25**	0.34	0.067	**J**
75-01-4	Vinyl Chloride	0.71	0.71	0.17	0.28	0.28	0.067	**U**
74-83-9	Bromomethane	0.71	0.71	0.20	0.18	0.18	0.053	**U**
75-00-3	Chloroethane	0.71	0.71	0.094	0.27	0.27	0.037	**U**
107-02-8	Acrolein	**0.73**	0.71	0.14	**0.32**	0.31	0.062	
67-64-1	Acetone	**7.4**	7.1	0.12	**3.1**	3.0	0.050	**B**
75-69-4	Trichlorofluoromethane	**1.1**	0.71	0.11	**0.20**	0.13	0.021	
107-13-1	Acrylonitrile	0.71	0.71	0.071	0.33	0.33	0.034	**U**
75-35-4	1,1-Dichloroethene	**0.087**	0.71	0.071	**0.022**	0.18	0.018	**J**
75-09-2	Methylene chloride	**0.20**	0.71	0.094	**0.058**	0.20	0.028	**J**
76-13-1	Trichlorotrifluoroethane	**1.8**	0.71	0.14	**0.24**	0.093	0.020	
75-15-0	Carbon Disulfide	**0.28**	0.71	0.071	**0.088**	0.23	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.71	0.71	0.072	0.18	0.18	0.018	**U**
75-34-3	1,1-Dichloroethane	0.71	0.71	0.071	0.18	0.18	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.71	0.71	0.071	0.20	0.20	0.020	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.36	0.40	0.40	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.9**	0.71	0.17	**0.63**	0.24	0.058	
156-59-2	cis-1,2-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D03_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00565

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.9 Pf 1 = 3.5

Can D.F. = 1.42

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.11**	0.71	0.071	**0.023**	0.15	0.016	**J**
107-06-2	1,2-Dichloroethane	0.71	0.71	0.094	0.18	0.18	0.024	**U**
71-55-6	1,1,1-Trichloroethane	0.71	0.71	0.071	0.13	0.13	0.013	**U**
71-43-2	Benzene	**0.54**	0.71	0.23	**0.17**	0.22	0.072	**J**
56-23-5	Carbon Tetrachloride	**0.41**	0.71	0.14	**0.065**	0.11	0.023	**J**
78-87-5	1,2-Dichloropropane	0.71	0.71	0.081	0.15	0.15	0.018	**U**
75-27-4	Bromodichloromethane	0.71	0.71	0.12	0.11	0.11	0.018	**U**
79-01-6	Trichloroethene	**0.23**	0.71	0.11	**0.042**	0.13	0.020	**J, B**
10061-01-5	cis-1,3-Dichloropropene	0.71	0.71	0.071	0.16	0.16	0.017	**U**
108-10-1	4-Methyl-2-pentanone	**0.18**	0.71	0.080	**0.043**	0.17	0.020	**J**
10061-02-6	trans-1,3-Dichloropropene	0.71	0.71	0.097	0.16	0.16	0.021	**U**
79-00-5	1,1,2-Trichloroethane	0.71	0.71	0.16	0.13	0.13	0.030	**U**
108-88-3	Toluene	**0.68**	0.71	0.071	**0.18**	0.19	0.020	**J**
591-78-6	2-Hexanone	**0.19**	0.71	0.071	**0.046**	0.17	0.018	**J**
124-48-1	Dibromochloromethane	0.71	0.71	0.074	0.083	0.083	0.0088	**U**
106-93-4	1,2-Dibromoethane	0.71	0.71	0.082	0.092	0.092	0.011	**U**
127-18-4	Tetrachloroethene	**0.29**	0.71	0.092	**0.042**	0.10	0.014	**J**
108-90-7	Chlorobenzene	0.71	0.71	0.071	0.15	0.15	0.016	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MC Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D03_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00565

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.9 Pf 1 = 3.5

Can D.F. = 1.42

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.14**	0.71	0.071	**0.033**	0.16	0.017	**J**
179601-23-1	*m,p*-Xylenes	**0.47**	1.4	0.14	**0.11**	0.33	0.034	**J**
75-25-2	Bromoform	0.71	0.71	0.14	0.069	0.069	0.014	**U**
100-42-5	Styrene	**0.087**	0.71	0.071	**0.020**	0.17	0.017	**J**
95-47-6	o-Xylene	**0.18**	0.71	0.071	**0.041**	0.16	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.71	0.71	0.087	0.10	0.10	0.013	**U**
98-82-8	Cumene	0.71	0.71	0.071	0.14	0.14	0.016	**U**
103-65-1	n-Propylbenzene	0.71	0.71	0.071	0.14	0.14	0.016	**U**
108-67-8	1,3,5-Trimethylbenzene	0.71	0.71	0.27	0.14	0.14	0.055	**U**
95-63-6	1,2,4-Trimethylbenzene	0.71	0.71	0.34	0.14	0.14	0.070	**U**
541-73-1	1,3-Dichlorobenzene	0.71	0.71	0.094	0.12	0.12	0.016	**U**
106-46-7	1,4-Dichlorobenzene	0.71	0.71	0.099	0.12	0.12	0.017	**U**
135-98-8	sec-Butylbenzene	0.71	0.71	0.099	0.13	0.13	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.71	0.71	0.17	0.13	0.13	0.031	**U**
95-50-1	1,2-Dichlorobenzene	0.71	0.71	0.17	0.12	0.12	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.71	0.71	0.14	0.073	0.073	0.016	**U**
120-82-1	1,2,4-Trichlorobenzene	0.71	0.71	0.31	0.096	0.096	0.043	**U**
91-20-3	Naphthalene	0.71	0.71	0.34	0.14	0.14	0.065	**U**
87-68-3	Hexachlorobutadiene	0.71	0.71	0.14	0.067	0.067	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-15-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00564

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.9 Pf 1 = 3.5

Can D.F. = 1.42

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.1**	0.71	0.071	**0.43**	0.14	0.016	
74-87-3	Chloromethane	**0.60**	0.71	0.14	**0.29**	0.34	0.067	**J**
75-01-4	Vinyl Chloride	0.71	0.71	0.17	0.28	0.28	0.067	**U**
74-83-9	Bromomethane	0.71	0.71	0.20	0.18	0.18	0.053	**U**
75-00-3	Chloroethane	0.71	0.71	0.094	0.27	0.27	0.037	**U**
107-02-8	Acrolein	**0.67**	0.71	0.14	**0.29**	0.31	0.062	**J**
67-64-1	Acetone	**6.4**	7.1	0.12	**2.7**	3.0	0.050	**J, B**
75-69-4	Trichlorofluoromethane	**1.0**	0.71	0.11	**0.18**	0.13	0.021	
107-13-1	Acrylonitrile	0.71	0.71	0.071	0.33	0.33	0.034	**U**
75-35-4	1,1-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**
75-09-2	Methylene chloride	**0.19**	0.71	0.094	**0.056**	0.20	0.028	**J**
76-13-1	Trichlorotrifluoroethane	**0.56**	0.71	0.14	**0.073**	0.093	0.020	**J**
75-15-0	Carbon Disulfide	**0.25**	0.71	0.071	**0.079**	0.23	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.71	0.71	0.072	0.18	0.18	0.018	**U**
75-34-3	1,1-Dichloroethane	0.71	0.71	0.071	0.18	0.18	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.71	0.71	0.071	0.20	0.20	0.020	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.36	0.40	0.40	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.7**	0.71	0.17	**0.56**	0.24	0.058	
156-59-2	cis-1,2-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-15-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00564

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.9 Pf 1 = 3.5

Can D.F. = 1.42

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.71	0.71	0.071	0.15	0.15	0.016	U
107-06-2	1,2-Dichloroethane	0.71	0.71	0.094	0.18	0.18	0.024	U
71-55-6	1,1,1-Trichloroethane	0.71	0.71	0.071	0.13	0.13	0.013	U
71-43-2	Benzene	**0.57**	0.71	0.23	**0.18**	0.22	0.072	J
56-23-5	Carbon Tetrachloride	**0.40**	0.71	0.14	**0.064**	0.11	0.023	J
78-87-5	1,2-Dichloropropane	0.71	0.71	0.081	0.15	0.15	0.018	U
75-27-4	Bromodichloromethane	0.71	0.71	0.12	0.11	0.11	0.018	U
79-01-6	Trichloroethene	**0.17**	0.71	0.11	**0.033**	0.13	0.020	J, B
10061-01-5	cis-1,3-Dichloropropene	0.71	0.71	0.071	0.16	0.16	0.017	U
108-10-1	4-Methyl-2-pentanone	0.71	0.71	0.080	0.17	0.17	0.020	U
10061-02-6	trans-1,3-Dichloropropene	0.71	0.71	0.097	0.16	0.16	0.021	U
79-00-5	1,1,2-Trichloroethane	0.71	0.71	0.16	0.13	0.13	0.030	U
108-88-3	Toluene	**0.71**	0.71	0.071	**0.19**	0.19	0.020	
591-78-6	2-Hexanone	**0.11**	0.71	0.071	**0.027**	0.17	0.018	J
124-48-1	Dibromochloromethane	0.71	0.71	0.074	0.083	0.083	0.0088	U
106-93-4	1,2-Dibromoethane	0.71	0.71	0.082	0.092	0.092	0.011	U
127-18-4	Tetrachloroethene	0.71	0.71	0.092	0.10	0.10	0.014	U
108-90-7	Chlorobenzene	0.71	0.71	0.071	0.15	0.15	0.016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-15-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00564

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.9 Pf 1 = 3.5

Can D.F. = 1.42

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.13**	0.71	0.071	**0.030**	0.16	0.017	**J**
179601-23-1	*m,p*-Xylenes	**0.38**	1.4	0.14	**0.089**	0.33	0.034	**J**
75-25-2	Bromoform	0.71	0.71	0.14	0.069	0.069	0.014	**U**
100-42-5	Styrene	0.71	0.71	0.071	0.17	0.17	0.017	**U**
95-47-6	o-Xylene	**0.13**	0.71	0.071	**0.031**	0.16	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.71	0.71	0.087	0.10	0.10	0.013	**U**
98-82-8	Cumene	0.71	0.71	0.071	0.14	0.14	0.016	**U**
103-65-1	n-Propylbenzene	0.71	0.71	0.071	0.14	0.14	0.016	**U**
108-67-8	1,3,5-Trimethylbenzene	0.71	0.71	0.27	0.14	0.14	0.055	**U**
95-63-6	1,2,4-Trimethylbenzene	0.71	0.71	0.34	0.14	0.14	0.070	**U**
541-73-1	1,3-Dichlorobenzene	0.71	0.71	0.094	0.12	0.12	0.016	**U**
106-46-7	1,4-Dichlorobenzene	0.71	0.71	0.099	0.12	0.12	0.017	**U**
135-98-8	sec-Butylbenzene	0.71	0.71	0.099	0.13	0.13	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.71	0.71	0.17	0.13	0.13	0.031	**U**
95-50-1	1,2-Dichlorobenzene	0.71	0.71	0.17	0.12	0.12	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.71	0.71	0.14	0.073	0.073	0.016	**U**
120-82-1	1,2,4-Trichlorobenzene	0.71	0.71	0.31	0.096	0.096	0.043	**U**
91-20-3	Naphthalene	0.71	0.71	0.34	0.14	0.14	0.065	**U**
87-68-3	Hexachlorobutadiene	0.71	0.71	0.14	0.067	0.067	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-16-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00890

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	0.72	0.072	**0.44**	0.15	0.016	
74-87-3	Chloromethane	**0.60**	0.72	0.14	**0.29**	0.35	0.068	**J**
75-01-4	Vinyl Chloride	0.72	0.72	0.17	0.28	0.28	0.068	**U**
74-83-9	Bromomethane	0.72	0.72	0.20	0.19	0.19	0.053	**U**
75-00-3	Chloroethane	0.72	0.72	0.095	0.27	0.27	0.037	**U**
107-02-8	Acrolein	**0.62**	0.72	0.14	**0.27**	0.31	0.063	**J**
67-64-1	Acetone	**7.0**	7.2	0.12	**2.9**	3.0	0.050	**J, B**
75-69-4	Trichlorofluoromethane	**1.0**	0.72	0.12	**0.18**	0.13	0.022	
107-13-1	Acrylonitrile	0.72	0.72	0.072	0.33	0.33	0.035	**U**
75-35-4	1,1-Dichloroethene	0.72	0.72	0.072	0.18	0.18	0.019	**U**
75-09-2	Methylene chloride	**0.20**	0.72	0.095	**0.057**	0.21	0.029	**J**
76-13-1	Trichlorotrifluoroethane	**0.53**	0.72	0.14	**0.069**	0.094	0.020	**J**
75-15-0	Carbon Disulfide	**0.22**	0.72	0.072	**0.072**	0.23	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.72	0.72	0.073	0.18	0.18	0.019	**U**
75-34-3	1,1-Dichloroethane	0.72	0.72	0.072	0.18	0.18	0.019	**U**
1634-04-4	Methyl tert-Butyl Ether	0.72	0.72	0.072	0.20	0.20	0.020	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.36	0.41	0.41	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.8**	0.72	0.17	**0.62**	0.24	0.059	
156-59-2	cis-1,2-Dichloroethene	0.72	0.72	0.072	0.18	0.18	0.019	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-16-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00890

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.72	0.72	0.072	0.15	0.15	0.016	U
107-06-2	1,2-Dichloroethane	0.72	0.72	0.095	0.18	0.18	0.024	U
71-55-6	1,1,1-Trichloroethane	0.72	0.72	0.072	0.13	0.13	0.013	U
71-43-2	Benzene	**0.54**	0.72	0.23	**0.17**	0.23	0.073	J
56-23-5	Carbon Tetrachloride	**0.42**	0.72	0.14	**0.067**	0.11	0.023	J
78-87-5	1,2-Dichloropropane	0.72	0.72	0.082	0.16	0.16	0.019	U
75-27-4	Bromodichloromethane	0.72	0.72	0.12	0.11	0.11	0.019	U
79-01-6	Trichloroethene	**0.17**	0.72	0.11	**0.032**	0.13	0.020	J, B
10061-01-5	cis-1,3-Dichloropropene	0.72	0.72	0.072	0.16	0.16	0.017	U
108-10-1	4-Methyl-2-pentanone	0.72	0.72	0.081	0.18	0.18	0.020	U
10061-02-6	trans-1,3-Dichloropropene	0.72	0.72	0.098	0.16	0.16	0.022	U
79-00-5	1,1,2-Trichloroethane	0.72	0.72	0.16	0.13	0.13	0.030	U
108-88-3	Toluene	**0.70**	0.72	0.072	**0.19**	0.19	0.020	J
591-78-6	2-Hexanone	**0.11**	0.72	0.072	**0.027**	0.18	0.019	J
124-48-1	Dibromochloromethane	0.72	0.72	0.075	0.085	0.085	0.0089	U
106-93-4	1,2-Dibromoethane	0.72	0.72	0.084	0.094	0.094	0.011	U
127-18-4	Tetrachloroethene	0.72	0.72	0.094	0.11	0.11	0.014	U
108-90-7	Chlorobenzene	0.72	0.72	0.072	0.16	0.16	0.016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MV Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-16-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00890

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.12**	0.72	0.072	**0.027**	0.17	0.017	**J**
179601-23-1	*m,p* -Xylenes	**0.35**	1.4	0.14	**0.081**	0.33	0.035	**J**
75-25-2	Bromoform	0.72	0.72	0.14	0.070	0.070	0.014	**U**
100-42-5	Styrene	0.72	0.72	0.072	0.17	0.17	0.017	**U**
95-47-6	o-Xylene	**0.12**	0.72	0.072	**0.028**	0.17	0.017	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.72	0.72	0.088	0.10	0.10	0.013	**U**
98-82-8	Cumene	0.72	0.72	0.072	0.15	0.15	0.016	**U**
103-65-1	n-Propylbenzene	0.72	0.72	0.072	0.15	0.15	0.016	**U**
108-67-8	1,3,5-Trimethylbenzene	0.72	0.72	0.27	0.15	0.15	0.056	**U**
95-63-6	1,2,4-Trimethylbenzene	0.72	0.72	0.35	0.15	0.15	0.071	**U**
541-73-1	1,3-Dichlorobenzene	0.72	0.72	0.095	0.12	0.12	0.016	**U**
106-46-7	1,4-Dichlorobenzene	0.72	0.72	0.10	0.12	0.12	0.017	**U**
135-98-8	sec-Butylbenzene	0.72	0.72	0.10	0.13	0.13	0.019	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.72	0.72	0.17	0.13	0.13	0.032	**U**
95-50-1	1,2-Dichlorobenzene	0.72	0.72	0.17	0.12	0.12	0.029	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.72	0.72	0.14	0.075	0.075	0.016	**U**
120-82-1	1,2,4-Trichlorobenzene	0.72	0.72	0.32	0.097	0.097	0.043	**U**
91-20-3	Naphthalene	0.72	0.72	0.35	0.14	0.14	0.066	**U**
87-68-3	Hexachlorobutadiene	0.72	0.72	0.14	0.068	0.068	0.014	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P070122-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	0.50	0.50	0.050	0.10	0.10	0.011	U
74-87-3	Chloromethane	0.50	0.50	0.097	0.24	0.24	0.047	U
75-01-4	Vinyl Chloride	0.50	0.50	0.12	0.20	0.20	0.047	U
74-83-9	Bromomethane	0.50	0.50	0.14	0.13	0.13	0.037	U
75-00-3	Chloroethane	0.50	0.50	0.066	0.19	0.19	0.026	U
107-02-8	Acrolein	0.50	0.50	0.10	0.22	0.22	0.044	U
67-64-1	Acetone	**0.34**	5.0	0.083	**0.14**	2.1	0.035	J
75-69-4	Trichlorofluoromethane	0.50	0.50	0.080	0.089	0.089	0.015	U
107-13-1	Acrylonitrile	0.50	0.50	0.050	0.23	0.23	0.024	U
75-35-4	1,1-Dichloroethene	0.50	0.50	0.050	0.13	0.13	0.013	U
75-09-2	Methylene chloride	0.50	0.50	0.066	0.14	0.14	0.020	U
76-13-1	Trichlorotrifluoroethane	0.50	0.50	0.10	0.065	0.065	0.014	U
75-15-0	Carbon Disulfide	**0.10**	0.50	0.050	**0.033**	0.16	0.017	J
156-60-5	trans-1,2-Dichloroethene	0.50	0.50	0.051	0.13	0.13	0.013	U
75-34-3	1,1-Dichloroethane	0.50	0.50	0.050	0.12	0.12	0.013	U
1634-04-4	Methyl tert-Butyl Ether	0.50	0.50	0.050	0.14	0.14	0.014	U
108-05-4	Vinyl Acetate	1.0	1.0	0.25	0.28	0.28	0.072	U
78-93-3	2-Butanone (MEK)	0.50	0.50	0.12	0.17	0.17	0.041	U
156-59-2	cis-1,2-Dichloroethene	0.50	0.50	0.050	0.13	0.13	0.013	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P070122-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.50	0.50	0.050	0.10	0.10	0.011	U
107-06-2	1,2-Dichloroethane	0.50	0.50	0.066	0.12	0.12	0.017	U
71-55-6	1,1,1-Trichloroethane	0.50	0.50	0.050	0.092	0.092	0.0092	U
71-43-2	Benzene	0.50	0.50	0.16	0.16	0.16	0.051	U
56-23-5	Carbon Tetrachloride	0.50	0.50	0.10	0.080	0.080	0.016	U
78-87-5	1,2-Dichloropropane	0.50	0.50	0.057	0.11	0.11	0.013	U
75-27-4	Bromodichloromethane	0.50	0.50	0.081	0.075	0.075	0.013	U
79-01-6	Trichloroethene	**0.083**	0.50	0.074	**0.015**	0.093	0.014	J
10061-01-5	cis-1,3-Dichloropropene	0.50	0.50	0.050	0.11	0.11	0.012	U
108-10-1	4-Methyl-2-pentanone	0.50	0.50	0.056	0.12	0.12	0.014	U
10061-02-6	trans-1,3-Dichloropropene	0.50	0.50	0.068	0.11	0.11	0.015	U
79-00-5	1,1,2-Trichloroethane	0.50	0.50	0.11	0.092	0.092	0.021	U
108-88-3	Toluene	0.50	0.50	0.050	0.13	0.13	0.014	U
591-78-6	2-Hexanone	0.50	0.50	0.050	0.12	0.12	0.013	U
124-48-1	Dibromochloromethane	0.50	0.50	0.052	0.059	0.059	0.0062	U
106-93-4	1,2-Dibromoethane	0.50	0.50	0.058	0.065	0.065	0.0076	U
127-18-4	Tetrachloroethene	0.50	0.50	0.065	0.074	0.074	0.0096	U
108-90-7	Chlorobenzene	0.50	0.50	0.050	0.11	0.11	0.011	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MV Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P070122-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 1/22/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	0.50	0.50	0.050	0.12	0.12	0.012	U
179601-23-1	*m,p*-Xylenes	1.0	1.0	0.10	0.23	0.23	0.024	U
75-25-2	Bromoform	0.50	0.50	0.10	0.048	0.048	0.0097	U
100-42-5	Styrene	0.50	0.50	0.050	0.12	0.12	0.012	U
95-47-6	o-Xylene	0.50	0.50	0.050	0.12	0.12	0.012	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	0.50	0.061	0.073	0.073	0.0089	U
98-82-8	Cumene	0.50	0.50	0.050	0.10	0.10	0.011	U
103-65-1	n-Propylbenzene	0.50	0.50	0.050	0.10	0.10	0.011	U
108-67-8	1,3,5-Trimethylbenzene	0.50	0.50	0.19	0.10	0.10	0.039	U
95-63-6	1,2,4-Trimethylbenzene	0.50	0.50	0.24	0.10	0.10	0.049	U
541-73-1	1,3-Dichlorobenzene	0.50	0.50	0.066	0.083	0.083	0.011	U
106-46-7	1,4-Dichlorobenzene	0.50	0.50	0.070	0.083	0.083	0.012	U
135-98-8	sec-Butylbenzene	0.50	0.50	0.070	0.091	0.091	0.013	U
99-87-6	4-Isopropyltoluene (p-Cymene)	0.50	0.50	0.12	0.091	0.091	0.022	U
95-50-1	1,2-Dichlorobenzene	0.50	0.50	0.12	0.083	0.083	0.020	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	0.50	0.10	0.052	0.052	0.011	U
120-82-1	1,2,4-Trichlorobenzene	0.50	0.50	0.22	0.067	0.067	0.030	U
91-20-3	Naphthalene	0.50	0.50	0.24	0.095	0.095	0.046	U
87-68-3	Hexachlorobutadiene	0.50	0.50	0.10	0.047	0.047	0.0094	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: MV Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146

Surrogate Spike Recovery Results

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister(s)
Test Notes:

Date Collected: 1/17/07
Date Received: 1/19/07
Date Analyzed: 1/22 - 1/23/07

Client Sample ID	CAS Sample ID	1,2-Dichloroethane-d4		Toluene-d8		Bromofluorobenzene		Data Qualifier
		% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	
Method Blank	P070122-MB	**94**	70-130	**100**	70-130	**103**	70-130	
Lab Control Sample	P070122-LCS	**96**	70-130	**100**	70-130	**103**	70-130	
SW-MH-01-OP_011707	P2700146-001	**91**	70-130	**99**	70-130	**107**	70-130	
Power East-OP_011707	P2700146-002	**91**	70-130	**98**	70-130	**107**	70-130	
SW-MH-02-OP_011707	P2700146-003	**91**	70-130	**99**	70-130	**108**	70-130	
FBO-VLT-02-OP_011707	P2700146-004	**91**	70-130	**99**	70-130	**107**	70-130	
Vault-D02_011707	P2700146-005	**91**	70-130	**99**	70-130	**108**	70-130	
ELE-VLT-16-CL_011707	P2700146-006	**92**	70-130	**98**	70-130	**108**	70-130	
Vault-D03_011707	P2700146-007	**92**	70-130	**99**	70-130	**107**	70-130	
ELE-VLT-15-OP_011707	P2700146-008	**91**	70-130	**99**	70-130	**109**	70-130	
ELE-VLT-16-OP_011707	P2700146-009	**92**	70-130	**99**	70-130	**107**	70-130	

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P070122-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 1/22/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	Acceptance Limits	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	25.5	22.0	**86**	70-130	
74-87-3	Chloromethane	24.3	22.3	**92**	70-130	
75-01-4	Vinyl Chloride	24.8	21.7	**88**	70-130	
74-83-9	Bromomethane	25.0	23.9	**96**	70-130	
75-00-3	Chloroethane	25.0	23.1	**92**	70-130	
107-02-8	Acrolein	23.3	19.9	**85**	70-130	
67-64-1	Acetone	26.5	23.9	**90**	70-130	
75-69-4	Trichlorofluoromethane	24.3	21.9	**90**	70-130	
107-13-1	Acrylonitrile	25.5	24.6	**96**	70-130	
75-35-4	1,1-Dichloroethene	27.3	23.6	**86**	70-130	
75-09-2	Methylene chloride	26.8	22.3	**83**	70-130	
76-13-1	Trichlorotrifluoroethane	27.0	24.2	**90**	70-130	
75-15-0	Carbon Disulfide	25.0	23.9	**96**	70-130	
156-60-5	trans-1,2-Dichloroethene	26.3	23.1	**88**	70-130	
75-34-3	1,1-Dichloroethane	26.3	24.2	**92**	70-130	
1634-04-4	Methyl tert-Butyl Ether	26.3	24.5	**93**	70-130	
108-05-4	Vinyl Acetate	24.3	29.7	**122**	70-130	
78-93-3	2-Butanone (MEK)	26.8	25.9	**97**	70-130	
156-59-2	cis-1,2-Dichloroethene	26.5	23.6	**89**	70-130	

Verified By: W Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P070122-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 1/22/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	Acceptance Limits	Data Qualifier
67-66-3	Chloroform	30.0	25.7	**86**	70-130	
107-06-2	1,2-Dichloroethane	26.0	24.4	**94**	70-130	
71-55-6	1,1,1-Trichloroethane	26.3	25.1	**95**	70-130	
71-43-2	Benzene	26.3	22.3	**85**	70-130	
56-23-5	Carbon Tetrachloride	25.8	24.8	**96**	70-130	
78-87-5	1,2-Dichloropropane	26.0	25.0	**96**	70-130	
75-27-4	Bromodichloromethane	27.5	26.2	**95**	70-130	
79-01-6	Trichloroethene	27.3	23.6	**86**	70-130	
10061-01-5	cis-1,3-Dichloropropene	26.0	25.9	**100**	70-130	
108-10-1	4-Methyl-2-pentanone	26.5	28.3	**107**	70-130	
10061-02-6	trans-1,3-Dichloropropene	27.8	29.5	**106**	70-130	
79-00-5	1,1,2-Trichloroethane	25.8	25.4	**98**	70-130	
108-88-3	Toluene	26.0	22.9	**88**	70-130	
591-78-6	2-Hexanone	26.0	26.4	**102**	70-130	
124-48-1	Dibromochloromethane	26.5	27.3	**103**	70-130	
106-93-4	1,2-Dibromoethane	26.0	27.1	**104**	70-130	
127-18-4	Tetrachloroethene	25.8	23.1	**90**	70-130	
108-90-7	Chlorobenzene	26.0	23.4	**90**	70-130	

Verified By: MS Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P070122-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 1/22/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	Acceptance Limits	Data Qualifier
100-41-4	Ethylbenzene	25.8	23.5	**91**	70-130	
179601-23-1	m,p-Xylenes	61.5	56.5	**92**	70-130	
75-25-2	Bromoform	31.3	33.6	**107**	70-130	
100-42-5	Styrene	25.8	26.4	**102**	70-130	
95-47-6	o-Xylene	29.0	26.7	**92**	70-130	
79-34-5	1,1,2,2-Tetrachloroethane	29.3	30.8	**105**	70-130	
98-82-8	Cumene	26.0	24.8	**95**	70-130	
103-65-1	n-Propylbenzene	25.0	24.5	**98**	70-130	
108-67-8	1,3,5-Trimethylbenzene	25.5	24.7	**97**	70-130	
95-63-6	1,2,4-Trimethylbenzene	26.0	25.6	**98**	70-130	
541-73-1	1,3-Dichlorobenzene	25.3	23.8	**94**	70-130	
106-46-7	1,4-Dichlorobenzene	26.0	24.4	**94**	70-130	
135-98-8	sec-Butylbenzene	25.5	25.1	**98**	70-130	
99-87-6	4-Isopropyltoluene (p-Cymene)	28.0	27.7	**99**	70-130	
95-50-1	1,2-Dichlorobenzene	25.5	24.3	**95**	70-130	
96-12-8	1,2-Dibromo-3-chloropropane	24.8	31.1	**125**	70-130	
120-82-1	1,2,4-Trichlorobenzene	26.8	28.5	**106**	70-130	
91-20-3	Naphthalene	26.0	29.7	**114**	70-130	
87-68-3	Hexachlorobutadiene	26.5	26.7	**101**	70-130	

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146

Method Blank Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Lab File ID: 01220706.D
Date Analyzed: 1/22/07
Time Analyzed: 14:15

Client Sample ID	CAS Sample ID	Lab File ID	Time Analyzed
Lab Control Sample	P070122-LCS	01220707.D	15:22
SW-MH-01-OP_011707	P2700146-001	01220717.D	22:29
Power East-OP_011707	P2700146-002	01220718.D	23:07
SW-MH-02-OP_011707	P2700146-003	01220719.D	23:46
FBO-VLT-02-OP_011707	P2700146-004	01220720.D	00:24
Vault-D02_011707	P2700146-005	01220721.D	01:02
ELE-VLT-16-CL_011707	P2700146-006	01220722.D	01:40
Vault-D03_011707	P2700146-007	01220723.D	02:18
ELE-VLT-15-OP_011707	P2700146-008	01220724.D	09:00
ELE-VLT-16-OP_011707	P2700146-009	01220725.D	10:06

Verified by: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **SW-MH-01-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-001

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00383

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/24/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.5

Can D.F. = 1.38

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.035	0.035	0.0026	0.014	0.014	0.00099	U
67-66-3	Chloroform	**0.10**	0.14	0.048	**0.021**	0.028	0.0097	J
107-06-2	1,2-Dichloroethane	**0.039**	0.035	0.0022	**0.0097**	0.0085	0.00052	
71-43-2	Benzene	**0.54**	0.14	0.012	**0.17**	0.043	0.0039	B
56-23-5	Carbon Tetrachloride	**0.36**	0.035	0.0021	**0.058**	0.0055	0.00033	B
78-87-5	1,2-Dichloropropane	**0.011**	0.035	0.0019	**0.0025**	0.0075	0.00040	J
79-01-6	Trichloroethene	**0.033**	0.014	0.0036	**0.0062**	0.0026	0.00066	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0076	0.0076	0.00054	U
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0030	0.0063	0.0063	0.00057	U
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0021	0.0045	0.0045	0.00026	U
127-18-4	Tetrachloroethene	**0.19**	0.035	0.0011	**0.027**	0.0051	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0033	0.0050	0.0050	0.00047	U
106-46-7	1,4-Dichlorobenzene	**0.019**	0.035	0.0012	**0.0032**	0.0057	0.00021	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0015	0.013	0.013	0.00015	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Power East-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-002

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01078

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/24/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.036	0.036	0.0027	0.014	0.014	0.0010	U
67-66-3	Chloroform	**0.076**	0.14	0.050	**0.016**	0.029	0.010	J
107-06-2	1,2-Dichloroethane	**0.035**	0.036	0.0023	**0.0088**	0.0089	0.00055	J
71-43-2	Benzene	**0.48**	0.14	0.013	**0.15**	0.045	0.0040	B
56-23-5	Carbon Tetrachloride	**0.39**	0.036	0.0022	**0.062**	0.0057	0.00035	B
78-87-5	1,2-Dichloropropane	**0.014**	0.036	0.0020	**0.0029**	0.0078	0.00042	J
79-01-6	Trichloroethene	**0.025**	0.014	0.0037	**0.0047**	0.0027	0.00069	
10061-01-5	cis-1,3-Dichloropropene	0.036	0.036	0.0026	0.0079	0.0079	0.00056	U
79-00-5	1,1,2-Trichloroethane	0.036	0.036	0.0032	0.0066	0.0066	0.00059	U
106-93-4	1,2-Dibromoethane	0.036	0.036	0.0022	0.0047	0.0047	0.00027	U
127-18-4	Tetrachloroethene	**0.081**	0.036	0.0012	**0.012**	0.0053	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.036	0.036	0.0035	0.0052	0.0052	0.00049	U
106-46-7	1,4-Dichlorobenzene	**0.013**	0.036	0.0012	**0.0021**	0.0060	0.00022	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0016	0.014	0.014	0.00016	U

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J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: W Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **SW-MH-02-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-003

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01179

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/24/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.7 Pf 1 = 3.5

Can D.F. = 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.0060**	0.035	0.0027	**0.0023**	0.014	0.0010	**J**
67-66-3	Chloroform	**15**	0.14	0.049	**3.0**	0.029	0.0098	
107-06-2	1,2-Dichloroethane	**0.039**	0.035	0.0022	**0.0095**	0.0087	0.00053	
71-43-2	Benzene	**0.50**	0.14	0.012	**0.16**	0.044	0.0039	**B**
56-23-5	Carbon Tetrachloride	**0.40**	0.035	0.0021	**0.064**	0.0056	0.00034	**B**
78-87-5	1,2-Dichloropropane	**0.012**	0.035	0.0020	**0.0026**	0.0076	0.00041	**J**
79-01-6	Trichloroethene	**0.15**	0.014	0.0036	**0.028**	0.0026	0.00067	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0077	0.0077	0.00055	**U**
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0031	0.0064	0.0064	0.00057	**U**
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0021	0.0046	0.0046	0.00027	**U**
127-18-4	Tetrachloroethene	**0.12**	0.035	0.0011	**0.018**	0.0052	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0034	0.0051	0.0051	0.00048	**U**
106-46-7	1,4-Dichlorobenzene	**0.027**	0.035	0.0012	**0.0044**	0.0058	0.00021	**J**
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0015	0.013	0.013	0.00015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **FBO-VLT-02-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-004

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01228

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/24/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.6 Pf 1 = 3.6

Can D.F. = 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.035	0.035	0.0027	0.014	0.014	0.0010	U
67-66-3	Chloroform	**0.087**	0.14	0.049	**0.018**	0.029	0.0098	J
107-06-2	1,2-Dichloroethane	**0.033**	0.035	0.0022	**0.0081**	0.0087	0.00053	J
71-43-2	Benzene	**0.53**	0.14	0.012	**0.17**	0.044	0.0039	B
56-23-5	Carbon Tetrachloride	**0.37**	0.035	0.0021	**0.059**	0.0056	0.00034	B
78-87-5	1,2-Dichloropropane	**0.012**	0.035	0.0020	**0.0026**	0.0076	0.00041	J
79-01-6	Trichloroethene	**0.028**	0.014	0.0036	**0.0053**	0.0026	0.00067	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0077	0.0077	0.00055	U
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0031	0.0064	0.0064	0.00057	U
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0021	0.0046	0.0046	0.00027	U
127-18-4	Tetrachloroethene	**0.091**	0.035	0.0011	**0.013**	0.0052	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0034	0.0051	0.0051	0.00048	U
106-46-7	1,4-Dichlorobenzene	**0.015**	0.035	0.0012	**0.0025**	0.0058	0.00021	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0015	0.013	0.013	0.00015	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D02_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-005

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00898

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/24/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.5

Can D.F. = 1.38

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.035	0.035	0.0026	0.014	0.014	0.00099	U
67-66-3	Chloroform	**0.082**	0.14	0.048	**0.017**	0.028	0.0097	J
107-06-2	1,2-Dichloroethane	**0.037**	0.035	0.0022	**0.0090**	0.0085	0.00052	
71-43-2	Benzene	**0.55**	0.14	0.012	**0.17**	0.043	0.0039	B
56-23-5	Carbon Tetrachloride	**0.38**	0.035	0.0021	**0.061**	0.0055	0.00033	B
78-87-5	1,2-Dichloropropane	**0.012**	0.035	0.0019	**0.0027**	0.0075	0.00040	J
79-01-6	Trichloroethene	**0.021**	0.014	0.0036	**0.0039**	0.0026	0.00066	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0076	0.0076	0.00054	U
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0030	0.0063	0.0063	0.00057	U
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0021	0.0045	0.0045	0.00026	U
127-18-4	Tetrachloroethene	**0.089**	0.035	0.0011	**0.013**	0.0051	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0033	0.0050	0.0050	0.00047	U
106-46-7	1,4-Dichlorobenzene	**0.015**	0.035	0.0012	**0.0025**	0.0057	0.00021	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0015	0.013	0.013	0.00015	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MW Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-16-CL_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-006

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00198

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/24/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.035	0.035	0.0027	0.014	0.014	0.0010	U
67-66-3	Chloroform	**0.15**	0.14	0.049	**0.031**	0.029	0.0099	
107-06-2	1,2-Dichloroethane	**0.036**	0.035	0.0023	**0.0090**	0.0087	0.00054	
71-43-2	Benzene	**0.50**	0.14	0.012	**0.16**	0.044	0.0039	B
56-23-5	Carbon Tetrachloride	**0.35**	0.035	0.0021	**0.055**	0.0056	0.00034	B
78-87-5	1,2-Dichloropropane	**0.010**	0.035	0.0020	**0.0022**	0.0076	0.00041	J
79-01-6	Trichloroethene	**0.028**	0.014	0.0037	**0.0051**	0.0026	0.00068	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0078	0.0078	0.00055	U
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0031	0.0065	0.0065	0.00058	U
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0021	0.0046	0.0046	0.00027	U
127-18-4	Tetrachloroethene	**0.29**	0.035	0.0011	**0.042**	0.0052	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0034	0.0051	0.0051	0.00048	U
106-46-7	1,4-Dichlorobenzene	**0.027**	0.035	0.0012	**0.0045**	0.0059	0.00021	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0016	0.013	0.013	0.00016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: NJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D03_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-007

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00565

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/24/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.9 Pf 1 = 3.5

Can D.F. = 1.42

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.036	0.036	0.0027	0.014	0.014	0.0010	U
67-66-3	Chloroform	**0.15**	0.14	0.050	**0.031**	0.029	0.0099	
107-06-2	1,2-Dichloroethane	**0.038**	0.036	0.0023	**0.0093**	0.0088	0.00054	
71-43-2	Benzene	**0.51**	0.14	0.012	**0.16**	0.044	0.0040	B
56-23-5	Carbon Tetrachloride	**0.35**	0.036	0.0021	**0.056**	0.0056	0.00034	B
78-87-5	1,2-Dichloropropane	**0.011**	0.036	0.0020	**0.0024**	0.0077	0.00041	J
79-01-6	Trichloroethene	**0.038**	0.014	0.0037	**0.0071**	0.0026	0.00068	
10061-01-5	cis-1,3-Dichloropropene	0.036	0.036	0.0026	0.0078	0.0078	0.00055	U
79-00-5	1,1,2-Trichloroethane	0.036	0.036	0.0031	0.0065	0.0065	0.00058	U
106-93-4	1,2-Dibromoethane	0.036	0.036	0.0021	0.0046	0.0046	0.00027	U
127-18-4	Tetrachloroethene	**0.29**	0.036	0.0011	**0.043**	0.0052	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.036	0.036	0.0034	0.0052	0.0052	0.00048	U
106-46-7	1,4-Dichlorobenzene	**0.028**	0.036	0.0012	**0.0046**	0.0059	0.00021	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0016	0.013	0.013	0.00016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MU Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-15-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-008

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00564

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/24/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.9 Pf 1 = 3.5

Can D.F. = 1.42

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.036	0.036	0.0027	0.014	0.014	0.0010	U
67-66-3	Chloroform	**0.093**	0.14	0.050	**0.019**	0.029	0.0099	J
107-06-2	1,2-Dichloroethane	**0.032**	0.036	0.0023	**0.0079**	0.0088	0.00054	J
71-43-2	Benzene	**0.53**	0.14	0.012	**0.17**	0.044	0.0040	B
56-23-5	Carbon Tetrachloride	**0.37**	0.036	0.0021	**0.058**	0.0056	0.00034	B
78-87-5	1,2-Dichloropropane	**0.013**	0.036	0.0020	**0.0028**	0.0077	0.00041	J
79-01-6	Trichloroethene	**0.029**	0.014	0.0037	**0.0054**	0.0026	0.00068	
10061-01-5	cis-1,3-Dichloropropene	0.036	0.036	0.0026	0.0078	0.0078	0.00055	U
79-00-5	1,1,2-Trichloroethane	0.036	0.036	0.0031	0.0065	0.0065	0.00058	U
106-93-4	1,2-Dibromoethane	0.036	0.036	0.0021	0.0046	0.0046	0.00027	U
127-18-4	Tetrachloroethene	**0.075**	0.036	0.0011	**0.011**	0.0052	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.036	0.036	0.0034	0.0052	0.0052	0.00048	U
106-46-7	1,4-Dichlorobenzene	**0.014**	0.036	0.0012	**0.0024**	0.0059	0.00021	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0016	0.013	0.013	0.00016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MU Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-16-OP_011707**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P2700146-009

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00890

Date Collected: 1/17/07
Date Received: 1/19/07
Date(s) Analyzed: 1/24/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.036	0.036	0.0027	0.014	0.014	0.0010	U
67-66-3	Chloroform	**0.083**	0.14	0.050	**0.017**	0.029	0.010	J
107-06-2	1,2-Dichloroethane	**0.035**	0.036	0.0023	**0.0087**	0.0089	0.00055	J
71-43-2	Benzene	**0.51**	0.14	0.013	**0.16**	0.045	0.0040	B
56-23-5	Carbon Tetrachloride	**0.38**	0.036	0.0022	**0.061**	0.0057	0.00035	B
78-87-5	1,2-Dichloropropane	**0.013**	0.036	0.0020	**0.0028**	0.0078	0.00042	J
79-01-6	Trichloroethene	**0.018**	0.014	0.0037	**0.0033**	0.0027	0.00069	
10061-01-5	cis-1,3-Dichloropropene	0.036	0.036	0.0026	0.0079	0.0079	0.00056	U
79-00-5	1,1,2-Trichloroethane	0.036	0.036	0.0032	0.0066	0.0066	0.00059	U
106-93-4	1,2-Dibromoethane	0.036	0.036	0.0022	0.0047	0.0047	0.00027	U
127-18-4	Tetrachloroethene	**0.076**	0.036	0.0012	**0.011**	0.0053	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.036	0.036	0.0035	0.0052	0.0052	0.00049	U
106-46-7	1,4-Dichlorobenzene	**0.014**	0.036	0.0012	**0.0023**	0.0060	0.00022	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0016	0.014	0.014	0.00016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P070123-MB

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 1/23/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.025	0.025	0.0019	0.0098	0.0098	0.00072	U
67-66-3	Chloroform	0.10	0.10	0.035	0.020	0.020	0.0070	U
107-06-2	1,2-Dichloroethane	0.025	0.025	0.0016	0.0062	0.0062	0.00038	U
71-43-2	Benzene	**0.039**	0.10	0.0088	**0.012**	0.031	0.0028	J
56-23-5	Carbon Tetrachloride	**0.0024**	0.025	0.0015	**0.00039**	0.0040	0.00024	J
78-87-5	1,2-Dichloropropane	0.025	0.025	0.0014	0.0054	0.0054	0.00029	U
79-01-6	Trichloroethene	0.010	0.010	0.0026	0.0019	0.0019	0.00048	U
10061-01-5	cis-1,3-Dichloropropene	0.025	0.025	0.0018	0.0055	0.0055	0.00039	U
79-00-5	1,1,2-Trichloroethane	0.025	0.025	0.0022	0.0046	0.0046	0.00041	U
106-93-4	1,2-Dibromoethane	0.025	0.025	0.0015	0.0033	0.0033	0.00019	U
127-18-4	Tetrachloroethene	0.025	0.025	0.00080	0.0037	0.0037	0.00012	U
79-34-5	1,1,2,2-Tetrachloroethane	0.025	0.025	0.0024	0.0036	0.0036	0.00034	U
106-46-7	1,4-Dichlorobenzene	0.025	0.025	0.00086	0.0042	0.0042	0.00015	U
87-68-3	Hexachlorobutadiene	0.10	0.10	0.0011	0.0094	0.0094	0.00011	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
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J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MU Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146

Surrogate Spike Recovery Results

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister(s)
Test Notes:

Date Collected: 1/17/07
Date Received: 1/19/07
Date Analyzed: 1/23 - 1/24/07

Client Sample ID	CAS Sample ID	1,2-Dichloroethane-d4		Toluene-d8		Bromofluorobenzene		Data Qualifier
		% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	
Method Blank	P070123-MB	**100**	70-130	**100**	70-130	**97**	70-130	
Lab Control Sample	P070123-LCS	**103**	70-130	**101**	70-130	**96**	70-130	
SW-MH-01-OP_011707	P2700146-001	**104**	70-130	**101**	70-130	**97**	70-130	
Power East-OP_011707	P2700146-002	**100**	70-130	**101**	70-130	**97**	70-130	
SW-MH-02-OP_011707	P2700146-003	**100**	70-130	**102**	70-130	**99**	70-130	
FBO-VLT-02-OP_011707	P2700146-004	**98**	70-130	**102**	70-130	**98**	70-130	
Vault-D02_011707	P2700146-005	**102**	70-130	**101**	70-130	**99**	70-130	
ELE-VLT-16-CL_011707	P2700146-006	**100**	70-130	**101**	70-130	**99**	70-130	
Vault-D03_011707	P2700146-007	**102**	70-130	**101**	70-130	**99**	70-130	
ELE-VLT-15-OP_011707	P2700146-008	**97**	70-130	**101**	70-130	**100**	70-130	
ELE-VLT-16-OP_011707	P2700146-009	**99**	70-130	**101**	70-130	**100**	70-130	

Verified By: MU Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146
CAS Sample ID: P070123-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 1/23/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked pg	Amount Recovered pg	% Recovery	Acceptance Limits	Data Qualifier
75-01-4	Vinyl Chloride	495	575	**116**	70-130	
67-66-3	Chloroform	600	634	**106**	70-130	
107-06-2	1,2-Dichloroethane	520	627	**121**	70-130	
71-43-2	Benzene	525	540	**103**	70-130	
56-23-5	Carbon Tetrachloride	515	508	**99**	70-130	
78-87-5	1,2-Dichloropropane	520	550	**106**	70-130	
79-01-6	Trichloroethene	545	624	**114**	70-130	
10061-01-5	cis-1,3-Dichloropropene	520	495	**95**	70-130	
79-00-5	1,1,2-Trichloroethane	515	571	**111**	70-130	
106-93-4	1,2-Dibromoethane	520	518	**100**	70-130	
127-18-4	Tetrachloroethene	515	517	**100**	70-130	
79-34-5	1,1,2,2-Tetrachloroethane	585	520	**89**	70-130	
106-46-7	1,4-Dichlorobenzene	520	526	**101**	70-130	
87-68-3	Hexachlorobutadiene	530	401	**76**	70-130	

Verified By: MJ Date: 1/31/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700146

Method Blank Summary

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:

Lab File ID: 01230713.D
Date Analyzed: 1/23/07
Time Analyzed: 16:09

Client Sample ID	CAS Sample ID	Lab File ID	Time Analyzed
Lab Control Sample	P070123-LCS	01230716.D	17:52
SW-MH-01-OP_011707	P2700146-001	01230726.D	00:01
Power East-OP_011707	P2700146-002	01230727.D	00:34
SW-MH-02-OP_011707	P2700146-003	01230729.D	01:40
FBO-VLT-02-OP_011707	P2700146-004	01230730.D	02:13
Vault-D02_011707	P2700146-005	01230731.D	02:45
ELE-VLT-16-CL_011707	P2700146-006	01230732.D	03:18
Vault-D03_011707	P2700146-007	01230733.D	03:50
ELE-VLT-15-OP_011707	P2700146-008	01230734.D	04:23
ELE-VLT-16-OP_011707	P2700146-009	01230735.D	04:55

Verified by: W Date: 1/31/07

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: CH2M Hill Work order: P2700146

Project: Sky Harbor

Sample(s) received on: 1/19/07 Date opened: 1/19/07 by: MZ

Note: This form is used for all samples received by CAS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
	Cooler Temperature NA °C			
	Blank Temperature NA °C			
8	Were **custody seals** on outside of cooler/Box?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
	Were custody seals on outside of sample container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Is pH (acid) **preservation** necessary, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** (acid) preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
	Do they contain moisture?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2700146-001			NA	
P2700146-002			NA	
P2700146-003			NA	
P2700146-004			NA	
P2700146-005			NA	
P2700146-006			NA	
P2700146-007			NA	
P2700146-008			NA	
P2700146-009			NA	

Explain any discrepancies: (include lab sample ID numbers):

37380-011707

P2700146

Columbia Analytical Services
2655 Park Center Drive, Suite A
Simi Valley, CA 93065 ~~(805)~~ (805)526-7161

Honeywell Chain Of Custody / Analysis Request

AESI Ref:	39098.28655
COC#	37380
Lab Proj # (SDG):	
Lab ID	
Site ID	SKYHARBOR
Lab Job #	
Authorized User:	Honeywell
Text & Excel File Drive	Excel & Text File Order

Privileged & Confidential: Y

Site Name: Sky Harbor

Phase:

Location of Site: Phoenix, AZ

Sampling Program: Well Dilution

Sampling Co.: CH2MHILL

EDD To: Jennifer Holland, jennifer.holland@ch2m.com

Client Contact: (name, co., address)
CH2M HILL
2625 South Plaza Drive, Suite 300
Tempe, AZ 85282

Sampler: L Peterson; R Randall

PO #

Analysis Turnaround Time (TAT): Standard

Consultant

Preliminary Data To: Jennifer Holland, CH2M HILL

Sample Receipt Acknowledgement To: Jennifer Holland, CH2M HILL

Hard Copy To: Jennifer Holland, CH2M HILL

Invoice To:

Full Report TAT: Standard

Preservative

Copyright AESI: Version 8.0 Unauthorized use strictly prohibited.

	Location ID	Start Depth (ft)	End Depth (ft)	Field Sample ID	Sample Date	Sample Time	Sample Type	Sample Matrix	Sample Purpose	# of Cont.	Composite/Grab	Field Filtered Sample ?	TO-15 low level	Canister Serial Number	Sampling Method (code)	Lab Sample Numbers
											Units					
1	SW-MH-01			SW-MH-01-OP_011707	1/17/07	1044	Air	Air	REG	1	C	N	X	01342		1 -3.0
2	Power East			PowerEast-OP_011707		1105				1	C	N	X	002864		2 -4.2
3	SW-MH-02			SW-MH-02-OP_011707		1208				1	C	N	X	003025		3 -3.5
4	FBO-VLT-02			FBO-VLT-02-OP_011707		1224				1	C	N	X	003208		4 -3.3
5				Vault-D02_011707		0700				1	C	N	X	002655		5 -3.1
6	ELE-VLT-16			ELE-VLT-16-CL_011707		1338				1	C	N	X	01335		6 -3.7
7				Vault-D03_011707		0800				1	C	N	X	01914		7 -3.9
8	ELE-VLT-15			ELE-VLT-15-OP_011707		1353				1	C	N	X	01913		8 -3.9
9	ELE-VLT-16			ELE-VLT-16-OP_011707		1430				1	C	N	X	002647		9 -4.2
10																
11																
12																

Relinquished by: [signature]	Company: CH2M Hill	Received by: [signature]	Company: CHS	Condition		Custody Seals Intact	
	Date/Time: 1/18/07 1415		Date/Time: 1/14/07 0415	Cooler Temp.			
Relinquished by	Company	Received by	Company	Condition		Custody Seals Intact	
	Date/Time		Date/Time	Cooler Temp.			

Preservatives: (Other; Specify):

0 (none); 1 (4 Deg C); 2 (HCl pH<2); 3 (HNO3 pH<2); 4 (H2SO4 pH<2); 5 (NaOH pH>12); 6 (NaOH, Zn Acetate); 7 (H2SO4 (pH<2), 4 Deg C)); 8 (HCl pH<2); 9 (HCl 4 Deg C); 10 (HNO3 (pH<2), 4Deg C); 11 (4C NaOH (pH>12) & Ascorbic Acid); 12 (4C H2SO4 (pH<2) & Na2S2O3); 13 (Zn Acetate); sp (special instructions)

10435

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

February 2, 2007

Ms. Jennifer Holland
CH2M Hill
2625 S. Plaza Drive, Suite 300
Tempe, AZ 85282

RE: P2700194
Sky Harbor

Dear Ms. Holland:

Enclosed are the results of the sample(s) submitted to our laboratory on January 24, 2007. For your reference, these analyses have been assigned our service request number P2700194.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Your report contains 50 pages.

Columbia Analytical Services is certified by the California Department of Health Services, Certificate No. 2380; Arizona Department of Health Services, Certificate No. AZ0694; New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID #CA009; New York State Department of Health, NELAP NY Lab ID No: 11221; Oregon Environmental Laboratory Accreditation Program, NELAP ID: CA20007; The American Industrial Hygiene Association, Laboratory #101661. Please contact me for specific method(s) and analyte(s) corresponding to a particular certification.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

Columbia Analytical Services, Inc.

Kate Aguilera

Kate Aguilera
Project Manager

NELAP Accredited ACIL Seal of Excellence Award 100% Recycled

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

LABORATORY REPORT

Client:	CH2M HILL	Date of Report:	02/02/07
Address:	2625 S. Plaza Drive, Suite 300	Date Received:	01/24/07
	Tempe, AZ 85282	CAS Project No:	P2700194
Contact:	Ms. Jennifer Holland	Purchase Order:	2959482
Client Project ID:	Sky Harbor	Arizona License No.:	AZ0694

Nine (9) Stainless Steel Summa Canisters labeled:

"ELE-VLT-07-OP_012307" "ELE-VLT-06-CL_012307" "ELE-VLT-06-OP_012307"
"FBO-VLT-03-OP_012307" "Ambient-05_012307" "ELE-VLT-12-CL_012307"
"ELE-VLT-12-OP_012307" "ELE-VLT-20-OP_012307" "Ambient-06_012307"

The samples were received at the laboratory under chain of custody on January 24, 2007. The samples were received intact. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time that they were received at the laboratory.

Volatile Organic Compound Analysis

The samples were analyzed by combined gas chromatography/mass spectrometry (GC/MS) for selected volatile organic compounds. The samples were also analyzed by combined gas chromatography/mass spectrometry (GC/MS) in selective ion monitoring (SIM) mode for selected volatile organic compounds The analyses were performed according to the methodology outlined in EPA Method TO-15. The analyses were performed by gas chromatography/mass spectrometry, utilizing a direct cryogenic trapping technique. The analytical systems used were comprised of an Agilent Model 5973inert GC/MS/DS and an Agilent Model 5973N GC/MS/DS each interfaced to a Tekmar AutoCan Elite whole air inlet system/cryogenic concentrator. A 100% Dimethylpolysiloxane capillary column (RT_x-1, Restek Corporation, Bellefonte, PA) was used to achieve chromatographic separation.

The results of analyses are given on the attached data sheets. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

Reviewed and Approved:

Liliana Marghitoiu
Analytical Chemist
Air Quality Laboratory

Reviewed and Approved:

Chris Parnell
GCMS-VOA Team Leader
Air Quality Laboratory

NELAP Accredited ACIL Seal of Excellence Award 100% Recycled

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-07-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01173

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -0.5 Pf 1 = 4.2

Can D.F. = 1.33

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	0.67	0.067	**0.49**	0.13	0.015	
74-87-3	Chloromethane	**0.89**	0.67	0.13	**0.43**	0.32	0.063	
75-01-4	Vinyl Chloride	0.67	0.67	0.16	0.26	0.26	0.063	**U**
74-83-9	Bromomethane	0.67	0.67	0.19	0.17	0.17	0.049	**U**
75-00-3	Chloroethane	0.67	0.67	0.088	0.25	0.25	0.035	**U**
107-02-8	Acrolein	**0.64**	0.67	0.13	**0.28**	0.29	0.059	**J**
67-64-1	Acetone	**20**	6.7	0.11	**8.4**	2.8	0.047	**B**
75-69-4	Trichlorofluoromethane	**1.2**	0.67	0.11	**0.21**	0.12	0.020	
107-13-1	Acrylonitrile	0.67	0.67	0.067	0.31	0.31	0.032	**U**
75-35-4	1,1-Dichloroethene	0.67	0.67	0.067	0.17	0.17	0.017	**U**
75-09-2	Methylene chloride	**1.9**	0.67	0.088	**0.54**	0.19	0.027	
76-13-1	Trichlorotrifluoroethane	**0.56**	0.67	0.13	**0.074**	0.087	0.019	**J**
75-15-0	Carbon Disulfide	**0.29**	0.67	0.067	**0.094**	0.21	0.023	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.67	0.67	0.068	0.17	0.17	0.017	**U**
75-34-3	1,1-Dichloroethane	0.67	0.67	0.067	0.16	0.16	0.017	**U**
1634-04-4	Methyl tert-Butyl Ether	0.67	0.67	0.067	0.18	0.18	0.019	**U**
108-05-4	Vinyl Acetate	1.3	1.3	0.33	0.38	0.38	0.096	**U**
78-93-3	2-Butanone (MEK)	**2.2**	0.67	0.16	**0.76**	0.23	0.055	
156-59-2	cis-1,2-Dichloroethene	0.67	0.67	0.067	0.17	0.17	0.017	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MJ Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-07-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01173

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -0.5 Pf 1 = 4.2

Can D.F. = 1.33

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.28**	0.67	0.067	**0.058**	0.14	0.015	**J**
107-06-2	1,2-Dichloroethane	0.67	0.67	0.088	0.16	0.16	0.023	**U**
71-55-6	1,1,1-Trichloroethane	**0.085**	0.67	0.067	**0.016**	0.12	0.012	**J**
71-43-2	Benzene	**3.5**	0.67	0.21	**1.1**	0.21	0.068	
56-23-5	Carbon Tetrachloride	**0.39**	0.67	0.13	**0.062**	0.11	0.021	**J**
78-87-5	1,2-Dichloropropane	0.67	0.67	0.076	0.14	0.14	0.017	**U**
75-27-4	Bromodichloromethane	0.67	0.67	0.11	0.099	0.099	0.017	**U**
79-01-6	Trichloroethene	**0.28**	0.67	0.098	**0.052**	0.12	0.019	**J**
10061-01-5	cis-1,3-Dichloropropene	0.67	0.67	0.067	0.15	0.15	0.016	**U**
108-10-1	4-Methyl-2-pentanone	**0.34**	0.67	0.074	**0.082**	0.16	0.019	**J**
10061-02-6	trans-1,3-Dichloropropene	0.67	0.67	0.090	0.15	0.15	0.020	**U**
79-00-5	1,1,2-Trichloroethane	0.67	0.67	0.15	0.12	0.12	0.028	**U**
108-88-3	Toluene	**10**	0.67	0.067	**2.8**	0.18	0.019	
591-78-6	2-Hexanone	0.67	0.67	0.067	0.16	0.16	0.017	**U**
124-48-1	Dibromochloromethane	0.67	0.67	0.069	0.078	0.078	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.67	0.67	0.077	0.087	0.087	0.010	**U**
127-18-4	Tetrachloroethene	**1.1**	0.67	0.086	**0.16**	0.098	0.013	
108-90-7	Chlorobenzene	0.67	0.67	0.067	0.14	0.14	0.015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: ly Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-07-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01173

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -0.5 Pf 1 = 4.2

Can D.F. = 1.33

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**1.9**	0.67	0.067	**0.43**	0.15	0.016	
179601-23-1	*m,p* -Xylenes	**6.6**	1.3	0.13	**1.5**	0.31	0.032	
75-25-2	Bromoform	0.67	0.67	0.13	0.064	0.064	0.013	**U**
100-42-5	Styrene	**0.68**	0.67	0.067	**0.16**	0.16	0.016	
95-47-6	o-Xylene	**2.2**	0.67	0.067	**0.51**	0.15	0.016	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	0.67	0.081	0.097	0.097	0.012	**U**
98-82-8	Cumene	**0.15**	0.67	0.067	**0.031**	0.14	0.015	**J**
103-65-1	n-Propylbenzene	**0.42**	0.67	0.067	**0.086**	0.14	0.015	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.58**	0.67	0.25	**0.12**	0.14	0.052	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.9**	0.67	0.32	**0.39**	0.14	0.065	
541-73-1	1,3-Dichlorobenzene	0.67	0.67	0.088	0.11	0.11	0.015	**U**
106-46-7	1,4-Dichlorobenzene	**0.34**	0.67	0.093	**0.056**	0.11	0.016	**J**
135-98-8	sec-Butylbenzene	0.67	0.67	0.093	0.12	0.12	0.017	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	**0.22**	0.67	0.16	**0.039**	0.12	0.029	**J**
95-50-1	1,2-Dichlorobenzene	0.67	0.67	0.16	0.11	0.11	0.027	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.67	0.67	0.13	0.069	0.069	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.67	0.67	0.29	0.090	0.090	0.040	**U**
91-20-3	Naphthalene	**0.33**	0.67	0.32	**0.063**	0.13	0.061	**J**
87-68-3	Hexachlorobutadiene	0.67	0.67	0.13	0.062	0.062	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: W Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-07-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-001DUP

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01173

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -0.5 Pf 1 = 4.2

Can D.F. = 1.33

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	0.67	0.067	**0.49**	0.13	0.015	
74-87-3	Chloromethane	**0.76**	0.67	0.13	**0.37**	0.32	0.063	
75-01-4	Vinyl Chloride	0.67	0.67	0.16	0.26	0.26	0.063	**U**
74-83-9	Bromomethane	0.67	0.67	0.19	0.17	0.17	0.049	**U**
75-00-3	Chloroethane	0.67	0.67	0.088	0.25	0.25	0.035	**U**
107-02-8	Acrolein	**0.62**	0.67	0.13	**0.27**	0.29	0.059	**J**
67-64-1	Acetone	**20**	6.7	0.11	**8.4**	2.8	0.047	**B**
75-69-4	Trichlorofluoromethane	**1.2**	0.67	0.11	**0.21**	0.12	0.020	
107-13-1	Acrylonitrile	0.67	0.67	0.067	0.31	0.31	0.032	**U**
75-35-4	1,1-Dichloroethene	0.67	0.67	0.067	0.17	0.17	0.017	**U**
75-09-2	Methylene chloride	**1.8**	0.67	0.088	**0.52**	0.19	0.027	
76-13-1	Trichlorotrifluoroethane	**0.54**	0.67	0.13	**0.071**	0.087	0.019	**J**
75-15-0	Carbon Disulfide	**0.30**	0.67	0.067	**0.096**	0.21	0.023	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.67	0.67	0.068	0.17	0.17	0.017	**U**
75-34-3	1,1-Dichloroethane	0.67	0.67	0.067	0.16	0.16	0.017	**U**
1634-04-4	Methyl tert-Butyl Ether	0.67	0.67	0.067	0.18	0.18	0.019	**U**
108-05-4	Vinyl Acetate	1.3	1.3	0.33	0.38	0.38	0.096	**U**
78-93-3	2-Butanone (MEK)	**2.2**	0.67	0.16	**0.75**	0.23	0.055	
156-59-2	cis-1,2-Dichloroethene	0.67	0.67	0.067	0.17	0.17	0.017	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MV Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-07-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-001DUP

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01173

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -0.5 Pf 1 = 4.2

Can D.F. = 1.33

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.28**	0.67	0.067	**0.057**	0.14	0.015	**J**
107-06-2	1,2-Dichloroethane	0.67	0.67	0.088	0.16	0.16	0.023	**U**
71-55-6	1,1,1-Trichloroethane	**0.081**	0.67	0.067	**0.015**	0.12	0.012	**J**
71-43-2	Benzene	**3.4**	0.67	0.21	**1.1**	0.21	0.068	
56-23-5	Carbon Tetrachloride	**0.39**	0.67	0.13	**0.061**	0.11	0.021	**J**
78-87-5	1,2-Dichloropropane	0.67	0.67	0.076	0.14	0.14	0.017	**U**
75-27-4	Bromodichloromethane	0.67	0.67	0.11	0.099	0.099	0.017	**U**
79-01-6	Trichloroethene	**0.28**	0.67	0.098	**0.052**	0.12	0.019	**J**
10061-01-5	cis-1,3-Dichloropropene	0.67	0.67	0.067	0.15	0.15	0.016	**U**
108-10-1	4-Methyl-2-pentanone	**0.32**	0.67	0.074	**0.079**	0.16	0.019	**J**
10061-02-6	trans-1,3-Dichloropropene	0.67	0.67	0.090	0.15	0.15	0.020	**U**
79-00-5	1,1,2-Trichloroethane	0.67	0.67	0.15	0.12	0.12	0.028	**U**
108-88-3	Toluene	**11**	0.67	0.067	**2.8**	0.18	0.019	
591-78-6	2-Hexanone	0.67	0.67	0.067	0.16	0.16	0.017	**U**
124-48-1	Dibromochloromethane	0.67	0.67	0.069	0.078	0.078	0.0082	**U**
106-93-4	1,2-Dibromoethane	0.67	0.67	0.077	0.087	0.087	0.010	**U**
127-18-4	Tetrachloroethene	**1.1**	0.67	0.086	**0.17**	0.098	0.013	
108-90-7	Chlorobenzene	0.67	0.67	0.067	0.14	0.14	0.015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MJ Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-07-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-001DUP

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01173

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -0.5 4.2

Can D.F. = 1.33

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**1.8**	0.67	0.067	**0.42**	0.15	0.016	
179601-23-1	*m,p*-Xylenes	**6.6**	1.3	0.13	**1.5**	0.31	0.032	
75-25-2	Bromoform	0.67	0.67	0.13	0.064	0.064	0.013	**U**
100-42-5	Styrene	**0.69**	0.67	0.067	**0.16**	0.16	0.016	
95-47-6	o-Xylene	**2.2**	0.67	0.067	**0.50**	0.15	0.016	
79-34-5	1,1,2,2-Tetrachloroethane	0.67	0.67	0.081	0.097	0.097	0.012	**U**
98-82-8	Cumene	**0.15**	0.67	0.067	**0.030**	0.14	0.015	**J**
103-65-1	n-Propylbenzene	**0.42**	0.67	0.067	**0.086**	0.14	0.015	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.57**	0.67	0.25	**0.12**	0.14	0.052	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.9**	0.67	0.32	**0.39**	0.14	0.065	
541-73-1	1,3-Dichlorobenzene	0.67	0.67	0.088	0.11	0.11	0.015	**U**
106-46-7	1,4-Dichlorobenzene	**0.33**	0.67	0.093	**0.054**	0.11	0.016	**J**
135-98-8	sec-Butylbenzene	0.67	0.67	0.093	0.12	0.12	0.017	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	**0.22**	0.67	0.16	**0.040**	0.12	0.029	**J**
95-50-1	1,2-Dichlorobenzene	0.67	0.67	0.16	0.11	0.11	0.027	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.67	0.67	0.13	0.069	0.069	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.67	0.67	0.29	0.090	0.090	0.040	**U**
91-20-3	Naphthalene	**0.33**	0.67	0.32	**0.063**	0.13	0.061	**J**
87-68-3	Hexachlorobutadiene	0.67	0.67	0.13	0.062	0.062	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MU Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-06-CL_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01230

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.6

Can D.F. = 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	0.70	0.070	**0.51**	0.14	0.015	
74-87-3	Chloromethane	**0.76**	0.70	0.13	**0.37**	0.34	0.065	
75-01-4	Vinyl Chloride	0.70	0.70	0.17	0.27	0.27	0.065	**U**
74-83-9	Bromomethane	0.70	0.70	0.19	0.18	0.18	0.051	**U**
75-00-3	Chloroethane	0.70	0.70	0.092	0.26	0.26	0.036	**U**
107-02-8	Acrolein	**0.51**	0.70	0.14	**0.22**	0.30	0.061	**J**
67-64-1	Acetone	**8.6**	7.0	0.12	**3.6**	2.9	0.049	**M, B**
75-69-4	Trichlorofluoromethane	**1.3**	0.70	0.11	**0.22**	0.12	0.021	
107-13-1	Acrylonitrile	0.70	0.70	0.070	0.32	0.32	0.033	**U**
75-35-4	1,1-Dichloroethene	**0.079**	0.70	0.070	**0.020**	0.18	0.018	**J**
75-09-2	Methylene chloride	**1.4**	0.70	0.092	**0.41**	0.20	0.028	
76-13-1	Trichlorotrifluoroethane	**0.64**	0.70	0.14	**0.083**	0.091	0.019	**J**
75-15-0	Carbon Disulfide	**0.18**	0.70	0.070	**0.059**	0.22	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.70	0.70	0.071	0.18	0.18	0.018	**U**
75-34-3	1,1-Dichloroethane	**0.12**	0.70	0.070	**0.030**	0.17	0.018	**J**
1634-04-4	Methyl tert-Butyl Ether	0.70	0.70	0.070	0.19	0.19	0.019	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.35	0.39	0.39	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.5**	0.70	0.17	**0.50**	0.24	0.057	
156-59-2	cis-1,2-Dichloroethene	0.70	0.70	0.070	0.18	0.18	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
M = Matrix interference; results may be biased high.
B = Analyte found in method blank.

Verified By: MJ Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-06-CL_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01230

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.6

Can D.F. = 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.32**	0.70	0.070	**0.066**	0.14	0.015	**J**
107-06-2	1,2-Dichloroethane	0.70	0.70	0.092	0.17	0.17	0.024	**U**
71-55-6	1,1,1-Trichloroethane	**0.11**	0.70	0.070	**0.021**	0.13	0.013	**J**
71-43-2	Benzene	**2.9**	0.70	0.22	**0.91**	0.22	0.071	
56-23-5	Carbon Tetrachloride	**0.39**	0.70	0.14	**0.061**	0.11	0.022	**J**
78-87-5	1,2-Dichloropropane	0.70	0.70	0.079	0.15	0.15	0.018	**U**
75-27-4	Bromodichloromethane	0.70	0.70	0.11	0.10	0.10	0.018	**U**
79-01-6	Trichloroethene	**0.56**	0.70	0.10	**0.10**	0.13	0.019	**J**
10061-01-5	cis-1,3-Dichloropropene	0.70	0.70	0.070	0.15	0.15	0.017	**U**
108-10-1	4-Methyl-2-pentanone	**0.20**	0.70	0.078	**0.050**	0.17	0.019	**J**
10061-02-6	trans-1,3-Dichloropropene	0.70	0.70	0.095	0.15	0.15	0.021	**U**
79-00-5	1,1,2-Trichloroethane	0.70	0.70	0.15	0.13	0.13	0.029	**U**
108-88-3	Toluene	**8.4**	0.70	0.070	**2.2**	0.18	0.019	
591-78-6	2-Hexanone	**0.23**	0.70	0.070	**0.055**	0.17	0.018	**J, M**
124-48-1	Dibromochloromethane	0.70	0.70	0.072	0.082	0.082	0.0086	**U**
106-93-4	1,2-Dibromoethane	0.70	0.70	0.081	0.090	0.090	0.011	**U**
127-18-4	Tetrachloroethene	**1.3**	0.70	0.090	**0.19**	0.10	0.013	
108-90-7	Chlorobenzene	0.70	0.70	0.070	0.15	0.15	0.015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
M = Matrix interference; results may be biased high.

Verified By: µ Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-06-CL_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01230

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.6

Can D.F. = 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**1.4**	0.70	0.070	**0.33**	0.16	0.017	
179601-23-1	*m,p*-Xylenes	**5.0**	1.4	0.14	**1.1**	0.32	0.033	
75-25-2	Bromoform	0.70	0.70	0.14	0.067	0.067	0.013	**U**
100-42-5	Styrene	**1.2**	0.70	0.070	**0.29**	0.16	0.017	
95-47-6	o-Xylene	**1.9**	0.70	0.070	**0.43**	0.16	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	0.70	0.70	0.085	0.10	0.10	0.012	**U**
98-82-8	Cumene	**0.11**	0.70	0.070	**0.023**	0.14	0.015	**J**
103-65-1	n-Propylbenzene	**0.25**	0.70	0.070	**0.051**	0.14	0.015	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.38**	0.70	0.26	**0.077**	0.14	0.054	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.4**	0.70	0.33	**0.27**	0.14	0.068	
541-73-1	1,3-Dichlorobenzene	0.70	0.70	0.092	0.12	0.12	0.015	**U**
106-46-7	1,4-Dichlorobenzene	**0.28**	0.70	0.097	**0.047**	0.12	0.017	**J**
135-98-8	sec-Butylbenzene	0.70	0.70	0.097	0.13	0.13	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.70	0.70	0.17	0.13	0.13	0.031	**U**
95-50-1	1,2-Dichlorobenzene	0.70	0.70	0.17	0.12	0.12	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.70	0.70	0.14	0.072	0.072	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.70	0.70	0.31	0.094	0.094	0.042	**U**
91-20-3	Naphthalene	0.70	0.70	0.33	0.13	0.13	0.064	**U**
87-68-3	Hexachlorobutadiene	0.70	0.70	0.14	0.065	0.065	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: [illegible] Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-06-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00669

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.6 Pf 1 = 3.5

Can D.F. = 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	0.70	0.070	**0.50**	0.14	0.015	
74-87-3	Chloromethane	**0.82**	0.70	0.13	**0.40**	0.34	0.065	
75-01-4	Vinyl Chloride	0.70	0.70	0.17	0.27	0.27	0.065	**U**
74-83-9	Bromomethane	0.70	0.70	0.19	0.18	0.18	0.051	**U**
75-00-3	Chloroethane	0.70	0.70	0.092	0.26	0.26	0.036	**U**
107-02-8	Acrolein	**1.1**	0.70	0.14	**0.47**	0.30	0.061	
67-64-1	Acetone	**26**	7.0	0.12	**11**	2.9	0.049	**M, B**
75-69-4	Trichlorofluoromethane	**1.2**	0.70	0.11	**0.22**	0.12	0.021	
107-13-1	Acrylonitrile	0.70	0.70	0.070	0.32	0.32	0.033	**U**
75-35-4	1,1-Dichloroethene	0.70	0.70	0.070	0.18	0.18	0.018	**U**
75-09-2	Methylene chloride	**0.96**	0.70	0.092	**0.28**	0.20	0.028	
76-13-1	Trichlorotrifluoroethane	**0.54**	0.70	0.14	**0.070**	0.091	0.019	**J**
75-15-0	Carbon Disulfide	**0.15**	0.70	0.070	**0.047**	0.22	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.70	0.70	0.071	0.18	0.18	0.018	**U**
75-34-3	1,1-Dichloroethane	0.70	0.70	0.070	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.70	0.70	0.070	0.19	0.19	0.019	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.35	0.39	0.39	0.10	**U**
78-93-3	2-Butanone (MEK)	**2.5**	0.70	0.17	**0.84**	0.24	0.057	
156-59-2	cis-1,2-Dichloroethene	0.70	0.70	0.070	0.18	0.18	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
M = Matrix interference; results may be biased high.
B = Analyte found in method blank.

Verified By: MV Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-06-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00669

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.6 Pf 1 = 3.5

Can D.F. = 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.32**	0.70	0.070	**0.065**	0.14	0.015	**J**
107-06-2	1,2-Dichloroethane	0.70	0.70	0.092	0.17	0.17	0.024	**U**
71-55-6	1,1,1-Trichloroethane	**0.079**	0.70	0.070	**0.015**	0.13	0.013	**J**
71-43-2	Benzene	**4.7**	0.70	0.22	**1.5**	0.22	0.071	
56-23-5	Carbon Tetrachloride	**0.39**	0.70	0.14	**0.062**	0.11	0.022	**J**
78-87-5	1,2-Dichloropropane	0.70	0.70	0.079	0.15	0.15	0.018	**U**
75-27-4	Bromodichloromethane	0.70	0.70	0.11	0.10	0.10	0.018	**U**
79-01-6	Trichloroethene	**1.9**	0.70	0.10	**0.35**	0.13	0.019	
10061-01-5	cis-1,3-Dichloropropene	0.70	0.70	0.070	0.15	0.15	0.017	**U**
108-10-1	4-Methyl-2-pentanone	**0.23**	0.70	0.078	**0.056**	0.17	0.019	**J**
10061-02-6	trans-1,3-Dichloropropene	0.70	0.70	0.095	0.15	0.15	0.021	**U**
79-00-5	1,1,2-Trichloroethane	0.70	0.70	0.15	0.13	0.13	0.029	**U**
108-88-3	Toluene	**11**	0.70	0.070	**2.9**	0.18	0.019	
591-78-6	2-Hexanone	0.70	0.70	0.070	0.17	0.17	0.018	**U**
124-48-1	Dibromochloromethane	0.70	0.70	0.072	0.082	0.082	0.0086	**U**
106-93-4	1,2-Dibromoethane	0.70	0.70	0.081	0.090	0.090	0.011	**U**
127-18-4	Tetrachloroethene	**0.92**	0.70	0.090	**0.14**	0.10	0.013	
108-90-7	Chlorobenzene	0.70	0.70	0.070	0.15	0.15	0.015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: [illegible] Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-06-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00669

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.6 Pf 1 = 3.5

Can D.F. = 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**2.2**	0.70	0.070	**0.51**	0.16	0.017	
179601-23-1	*m,p*-Xylenes	**8.0**	1.4	0.14	**1.8**	0.32	0.033	
75-25-2	Bromoform	0.70	0.70	0.14	0.067	0.067	0.013	**U**
100-42-5	Styrene	**0.69**	0.70	0.070	**0.16**	0.16	0.017	**J**
95-47-6	o-Xylene	**2.8**	0.70	0.070	**0.65**	0.16	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	0.70	0.70	0.085	0.10	0.10	0.012	**U**
98-82-8	Cumene	**0.22**	0.70	0.070	**0.044**	0.14	0.015	**J**
103-65-1	n-Propylbenzene	**0.59**	0.70	0.070	**0.12**	0.14	0.015	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.90**	0.70	0.26	**0.18**	0.14	0.054	
95-63-6	1,2,4-Trimethylbenzene	**3.2**	0.70	0.33	**0.64**	0.14	0.068	
541-73-1	1,3-Dichlorobenzene	0.70	0.70	0.092	0.12	0.12	0.015	**U**
106-46-7	1,4-Dichlorobenzene	**0.34**	0.70	0.097	**0.057**	0.12	0.017	**J**
135-98-8	sec-Butylbenzene	**0.13**	0.70	0.097	**0.023**	0.13	0.018	**J**
99-87-6	4-Isopropyltoluene (p-Cymene)	**0.31**	0.70	0.17	**0.056**	0.13	0.031	**J**
95-50-1	1,2-Dichlorobenzene	0.70	0.70	0.17	0.12	0.12	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.70	0.70	0.14	0.072	0.072	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.70	0.70	0.31	0.094	0.094	0.042	**U**
91-20-3	Naphthalene	**0.54**	0.70	0.33	**0.10**	0.13	0.064	**J**
87-68-3	Hexachlorobutadiene	0.70	0.70	0.14	0.065	0.065	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MV Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **FBO-VLT-03-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00758

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.1 Pf 1 = 4.3

Can D.F. = 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	0.70	0.070	**0.52**	0.14	0.015	
74-87-3	Chloromethane	**0.91**	0.70	0.14	**0.44**	0.34	0.066	
75-01-4	Vinyl Chloride	0.70	0.70	0.17	0.27	0.27	0.066	**U**
74-83-9	Bromomethane	0.70	0.70	0.20	0.18	0.18	0.052	**U**
75-00-3	Chloroethane	0.70	0.70	0.092	0.27	0.27	0.036	**U**
107-02-8	Acrolein	**0.69**	0.70	0.14	**0.30**	0.31	0.062	**J**
67-64-1	Acetone	**22**	7.0	0.12	**9.2**	2.9	0.049	**B**
75-69-4	Trichlorofluoromethane	**1.2**	0.70	0.11	**0.22**	0.12	0.021	
107-13-1	Acrylonitrile	0.70	0.70	0.070	0.32	0.32	0.034	**U**
75-35-4	1,1-Dichloroethene	0.70	0.70	0.070	0.18	0.18	0.018	**U**
75-09-2	Methylene chloride	**2.2**	0.70	0.092	**0.64**	0.20	0.028	
76-13-1	Trichlorotrifluoroethane	**0.50**	0.70	0.14	**0.066**	0.091	0.020	**J**
75-15-0	Carbon Disulfide	**0.16**	0.70	0.070	**0.052**	0.22	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.70	0.70	0.071	0.18	0.18	0.018	**U**
75-34-3	1,1-Dichloroethane	0.70	0.70	0.070	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.70	0.70	0.070	0.19	0.19	0.020	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.35	0.40	0.40	0.10	**U**
78-93-3	2-Butanone (MEK)	**3.3**	0.70	0.17	**1.1**	0.24	0.057	
156-59-2	cis-1,2-Dichloroethene	0.70	0.70	0.070	0.18	0.18	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: w Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **FBO-VLT-03-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00758

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.1 Pf 1 = 4.3

Can D.F. = 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.37**	0.70	0.070	**0.075**	0.14	0.015	**J**
107-06-2	1,2-Dichloroethane	0.70	0.70	0.092	0.17	0.17	0.024	**U**
71-55-6	1,1,1-Trichloroethane	**0.091**	0.70	0.070	**0.017**	0.13	0.013	**J**
71-43-2	Benzene	**4.0**	0.70	0.22	**1.2**	0.22	0.071	
56-23-5	Carbon Tetrachloride	**0.38**	0.70	0.14	**0.061**	0.11	0.022	**J**
78-87-5	1,2-Dichloropropane	0.70	0.70	0.080	0.15	0.15	0.018	**U**
75-27-4	Bromodichloromethane	0.70	0.70	0.11	0.10	0.10	0.018	**U**
79-01-6	Trichloroethene	**0.53**	0.70	0.10	**0.098**	0.13	0.020	**J**
10061-01-5	cis-1,3-Dichloropropene	0.70	0.70	0.070	0.15	0.15	0.017	**U**
108-10-1	4-Methyl-2-pentanone	**0.33**	0.70	0.078	**0.080**	0.17	0.020	**J**
10061-02-6	trans-1,3-Dichloropropene	0.70	0.70	0.095	0.15	0.15	0.021	**U**
79-00-5	1,1,2-Trichloroethane	0.70	0.70	0.15	0.13	0.13	0.029	**U**
108-88-3	Toluene	**15**	0.70	0.070	**3.9**	0.19	0.020	
591-78-6	2-Hexanone	0.70	0.70	0.070	0.17	0.17	0.018	**U**
124-48-1	Dibromochloromethane	0.70	0.70	0.073	0.082	0.082	0.0087	**U**
106-93-4	1,2-Dibromoethane	0.70	0.70	0.081	0.091	0.091	0.011	**U**
127-18-4	Tetrachloroethene	**1.5**	0.70	0.091	**0.22**	0.10	0.013	
108-90-7	Chlorobenzene	0.70	0.70	0.070	0.15	0.15	0.015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: W Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **FBO-VLT-03-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00758

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.1 Pf 1 = 4.3

Can D.F. = 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**2.2**	0.70	0.070	**0.51**	0.16	0.017	
179601-23-1	*m,p* -Xylenes	**8.1**	1.4	0.14	**1.9**	0.32	0.034	
75-25-2	Bromoform	0.70	0.70	0.14	0.068	0.068	0.014	U
100-42-5	Styrene	**1.1**	0.70	0.070	**0.26**	0.16	0.017	
95-47-6	o-Xylene	**2.7**	0.70	0.070	**0.62**	0.16	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	0.70	0.70	0.085	0.10	0.10	0.012	U
98-82-8	Cumene	**0.16**	0.70	0.070	**0.032**	0.14	0.015	J
103-65-1	n-Propylbenzene	**0.45**	0.70	0.070	**0.092**	0.14	0.015	J
108-67-8	1,3,5-Trimethylbenzene	**0.64**	0.70	0.27	**0.13**	0.14	0.055	J
95-63-6	1,2,4-Trimethylbenzene	**2.0**	0.70	0.34	**0.41**	0.14	0.069	
541-73-1	1,3-Dichlorobenzene	0.70	0.70	0.092	0.12	0.12	0.015	U
106-46-7	1,4-Dichlorobenzene	**0.33**	0.70	0.098	**0.056**	0.12	0.017	J
135-98-8	sec-Butylbenzene	0.70	0.70	0.098	0.13	0.13	0.018	U
99-87-6	4-Isopropyltoluene (p-Cymene)	**0.20**	0.70	0.17	**0.036**	0.13	0.031	J
95-50-1	1,2-Dichlorobenzene	0.70	0.70	0.17	0.12	0.12	0.028	U
96-12-8	1,2-Dibromo-3-chloropropane	0.70	0.70	0.14	0.072	0.072	0.015	U
120-82-1	1,2,4-Trichlorobenzene	0.70	0.70	0.31	0.094	0.094	0.042	U
91-20-3	Naphthalene	0.70	0.70	0.34	0.13	0.13	0.064	U
87-68-3	Hexachlorobutadiene	0.70	0.70	0.14	0.066	0.066	0.013	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: w Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-05_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01068

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.2 Pf 1 = 3.5

Can D.F. = 1.35

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	0.68	0.068	**0.49**	0.14	0.015	
74-87-3	Chloromethane	**0.83**	0.68	0.13	**0.40**	0.33	0.063	
75-01-4	Vinyl Chloride	0.68	0.68	0.16	0.26	0.26	0.063	**U**
74-83-9	Bromomethane	0.68	0.68	0.19	0.17	0.17	0.050	**U**
75-00-3	Chloroethane	0.68	0.68	0.089	0.26	0.26	0.035	**U**
107-02-8	Acrolein	**1.2**	0.68	0.14	**0.54**	0.29	0.059	
67-64-1	Acetone	**27**	6.8	0.11	**11**	2.8	0.047	**M, B**
75-69-4	Trichlorofluoromethane	**1.2**	0.68	0.11	**0.22**	0.12	0.020	
107-13-1	Acrylonitrile	0.68	0.68	0.068	0.31	0.31	0.032	**U**
75-35-4	1,1-Dichloroethene	0.68	0.68	0.068	0.17	0.17	0.018	**U**
75-09-2	Methylene chloride	**0.90**	0.68	0.089	**0.26**	0.19	0.027	
76-13-1	Trichlorotrifluoroethane	**0.58**	0.68	0.14	**0.076**	0.088	0.019	**J**
75-15-0	Carbon Disulfide	**0.14**	0.68	0.068	**0.046**	0.22	0.023	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.68	0.68	0.069	0.17	0.17	0.018	**U**
75-34-3	1,1-Dichloroethane	0.68	0.68	0.068	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.68	0.68	0.068	0.19	0.19	0.019	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.34	0.38	0.38	0.097	**U**
78-93-3	2-Butanone (MEK)	**2.8**	0.68	0.16	**0.94**	0.23	0.055	
156-59-2	cis-1,2-Dichloroethene	0.68	0.68	0.068	0.17	0.17	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
M = Matrix interference; results may be biased high.
B = Analyte found in method blank.

Verified By: MV Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-05_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01068

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.2 Pf 1 = 3.5

Can D.F. = 1.35

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.34**	0.68	0.068	**0.069**	0.14	0.015	**J**
107-06-2	1,2-Dichloroethane	0.68	0.68	0.089	0.17	0.17	0.023	**U**
71-55-6	1,1,1-Trichloroethane	**0.082**	0.68	0.068	**0.015**	0.12	0.012	**J**
71-43-2	Benzene	**4.6**	0.68	0.22	**1.4**	0.21	0.069	
56-23-5	Carbon Tetrachloride	**0.39**	0.68	0.14	**0.063**	0.11	0.022	**J**
78-87-5	1,2-Dichloropropane	0.68	0.68	0.077	0.15	0.15	0.018	**U**
75-27-4	Bromodichloromethane	0.68	0.68	0.11	0.10	0.10	0.018	**U**
79-01-6	Trichloroethene	**1.9**	0.68	0.10	**0.35**	0.13	0.019	
10061-01-5	cis-1,3-Dichloropropene	0.68	0.68	0.068	0.15	0.15	0.016	**U**
108-10-1	4-Methyl-2-pentanone	**0.23**	0.68	0.076	**0.055**	0.16	0.019	**J**
10061-02-6	trans-1,3-Dichloropropene	0.68	0.68	0.092	0.15	0.15	0.020	**U**
79-00-5	1,1,2-Trichloroethane	0.68	0.68	0.15	0.12	0.12	0.028	**U**
108-88-3	Toluene	**11**	0.68	0.068	**2.8**	0.18	0.019	
591-78-6	2-Hexanone	0.68	0.68	0.068	0.16	0.16	0.018	**U**
124-48-1	Dibromochloromethane	0.68	0.68	0.070	0.079	0.079	0.0084	**U**
106-93-4	1,2-Dibromoethane	0.68	0.68	0.078	0.088	0.088	0.010	**U**
127-18-4	Tetrachloroethene	**0.89**	0.68	0.088	**0.13**	0.10	0.013	
108-90-7	Chlorobenzene	0.68	0.68	0.068	0.15	0.15	0.015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: W Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-05_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01068

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.2 Pf 1 = 3.5

Can D.F. = 1.35

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**2.1**	0.68	0.068	**0.48**	0.16	0.016	
179601-23-1	*m,p*-Xylenes	**7.5**	1.4	0.14	**1.7**	0.31	0.032	
75-25-2	Bromoform	0.68	0.68	0.14	0.065	0.065	0.013	**U**
100-42-5	Styrene	**0.60**	0.68	0.068	**0.14**	0.16	0.016	**J**
95-47-6	o-Xylene	**2.6**	0.68	0.068	**0.60**	0.16	0.016	
79-34-5	1,1,2,2-Tetrachloroethane	0.68	0.68	0.082	0.098	0.098	0.012	**U**
98-82-8	Cumene	**0.17**	0.68	0.068	**0.034**	0.14	0.015	**J**
103-65-1	n-Propylbenzene	**0.47**	0.68	0.068	**0.095**	0.14	0.015	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.68**	0.68	0.26	**0.14**	0.14	0.053	
95-63-6	1,2,4-Trimethylbenzene	**2.3**	0.68	0.32	**0.47**	0.14	0.066	
541-73-1	1,3-Dichlorobenzene	0.68	0.68	0.089	0.11	0.11	0.015	**U**
106-46-7	1,4-Dichlorobenzene	**0.32**	0.68	0.095	**0.053**	0.11	0.016	**J**
135-98-8	sec-Butylbenzene	0.68	0.68	0.095	0.12	0.12	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	**0.22**	0.68	0.16	**0.040**	0.12	0.030	**J**
95-50-1	1,2-Dichlorobenzene	0.68	0.68	0.16	0.11	0.11	0.027	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.68	0.68	0.14	0.070	0.070	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.68	0.68	0.30	0.091	0.091	0.041	**U**
91-20-3	Naphthalene	**0.38**	0.68	0.32	**0.072**	0.13	0.062	**J**
87-68-3	Hexachlorobutadiene	0.68	0.68	0.14	0.063	0.063	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MV Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-12-CL_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00733

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.3 Pf 1 = 3.5

Can D.F. = 1.36

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	0.68	0.068	**0.49**	0.14	0.015	
74-87-3	Chloromethane	**0.73**	0.68	0.13	**0.36**	0.33	0.064	
75-01-4	Vinyl Chloride	0.68	0.68	0.16	0.27	0.27	0.064	**U**
74-83-9	Bromomethane	0.68	0.68	0.19	0.18	0.18	0.050	**U**
75-00-3	Chloroethane	0.68	0.68	0.090	0.26	0.26	0.035	**U**
107-02-8	Acrolein	**0.70**	0.68	0.14	**0.31**	0.30	0.060	
67-64-1	Acetone	**6.6**	6.8	0.11	**2.8**	2.9	0.048	**J, M, B**
75-69-4	Trichlorofluoromethane	**1.2**	0.68	0.11	**0.21**	0.12	0.020	
107-13-1	Acrylonitrile	0.68	0.68	0.068	0.31	0.31	0.033	**U**
75-35-4	1,1-Dichloroethene	0.68	0.68	0.068	0.17	0.17	0.018	**U**
75-09-2	Methylene chloride	**0.92**	0.68	0.090	**0.26**	0.20	0.027	
76-13-1	Trichlorotrifluoroethane	**0.54**	0.68	0.14	**0.070**	0.089	0.019	**J**
75-15-0	Carbon Disulfide	**0.20**	0.68	0.068	**0.065**	0.22	0.023	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.68	0.68	0.069	0.17	0.17	0.018	**U**
75-34-3	1,1-Dichloroethane	0.68	0.68	0.068	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.68	0.68	0.068	0.19	0.19	0.019	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.34	0.39	0.39	0.098	**U**
78-93-3	2-Butanone (MEK)	**1.1**	0.68	0.16	**0.38**	0.23	0.056	
156-59-2	cis-1,2-Dichloroethene	0.68	0.68	0.068	0.17	0.17	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
M = Matrix interference; results may be biased high.
B = Analyte found in method blank.

Verified By: M Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-12-CL_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00733

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.3 Pf 1 = 3.5

Can D.F. = 1.36

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.27**	0.68	0.068	**0.055**	0.14	0.015	**J**
107-06-2	1,2-Dichloroethane	0.68	0.68	0.090	0.17	0.17	0.023	**U**
71-55-6	1,1,1-Trichloroethane	**0.090**	0.68	0.068	**0.016**	0.12	0.013	**J**
71-43-2	Benzene	**3.1**	0.68	0.22	**0.96**	0.21	0.069	
56-23-5	Carbon Tetrachloride	**0.39**	0.68	0.14	**0.063**	0.11	0.022	**J**
78-87-5	1,2-Dichloropropane	0.68	0.68	0.078	0.15	0.15	0.018	**U**
75-27-4	Bromodichloromethane	0.68	0.68	0.11	0.10	0.10	0.018	**U**
79-01-6	Trichloroethene	**0.55**	0.68	0.10	**0.10**	0.13	0.019	**J**
10061-01-5	cis-1,3-Dichloropropene	0.68	0.68	0.068	0.15	0.15	0.016	**U**
108-10-1	4-Methyl-2-pentanone	**0.13**	0.68	0.076	**0.032**	0.17	0.019	**J**
10061-02-6	trans-1,3-Dichloropropene	0.68	0.68	0.092	0.15	0.15	0.020	**U**
79-00-5	1,1,2-Trichloroethane	0.68	0.68	0.15	0.12	0.12	0.029	**U**
108-88-3	Toluene	**5.9**	0.68	0.068	**1.6**	0.18	0.019	
591-78-6	2-Hexanone	**0.25**	0.68	0.068	**0.061**	0.17	0.018	**J**
124-48-1	Dibromochloromethane	0.68	0.68	0.071	0.080	0.080	0.0084	**U**
106-93-4	1,2-Dibromoethane	0.68	0.68	0.079	0.089	0.089	0.010	**U**
127-18-4	Tetrachloroethene	**1.3**	0.68	0.088	**0.19**	0.10	0.013	
108-90-7	Chlorobenzene	0.68	0.68	0.068	0.15	0.15	0.015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MV Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-12-CL_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00733

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.3 Pf 1 = 3.5

Can D.F. = 1.36

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**1.3**	0.68	0.068	**0.29**	0.16	0.016	
179601-23-1	*m,p* -Xylenes	**3.8**	1.4	0.14	**0.88**	0.31	0.033	
75-25-2	Bromoform	0.68	0.68	0.14	0.066	0.066	0.013	**U**
100-42-5	Styrene	**0.58**	0.68	0.068	**0.14**	0.16	0.016	**J**
95-47-6	o-Xylene	**1.7**	0.68	0.068	**0.40**	0.16	0.016	
79-34-5	1,1,2,2-Tetrachloroethane	0.68	0.68	0.083	0.099	0.099	0.012	**U**
98-82-8	Cumene	**0.19**	0.68	0.068	**0.040**	0.14	0.015	**J**
103-65-1	n-Propylbenzene	**0.16**	0.68	0.068	**0.033**	0.14	0.015	**J**
108-67-8	1,3,5-Trimethylbenzene	0.68	0.68	0.26	0.14	0.14	0.053	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.95**	0.68	0.33	**0.19**	0.14	0.067	
541-73-1	1,3-Dichlorobenzene	0.68	0.68	0.090	0.11	0.11	0.015	**U**
106-46-7	1,4-Dichlorobenzene	**0.22**	0.68	0.095	**0.037**	0.11	0.016	**J**
135-98-8	sec-Butylbenzene	0.68	0.68	0.095	0.12	0.12	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.68	0.68	0.16	0.12	0.12	0.030	**U**
95-50-1	1,2-Dichlorobenzene	0.68	0.68	0.16	0.11	0.11	0.027	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.68	0.68	0.14	0.070	0.070	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.68	0.68	0.30	0.092	0.092	0.041	**U**
91-20-3	Naphthalene	0.68	0.68	0.33	0.13	0.13	0.063	**U**
87-68-3	Hexachlorobutadiene	0.68	0.68	0.14	0.064	0.064	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MB Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-12-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00986

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.2 Pf 1 = 3.7

Can D.F. = 1.36

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	0.68	0.068	**0.45**	0.14	0.015	
74-87-3	Chloromethane	**0.76**	0.68	0.13	**0.37**	0.33	0.064	
75-01-4	Vinyl Chloride	0.68	0.68	0.16	0.27	0.27	0.064	**U**
74-83-9	Bromomethane	0.68	0.68	0.19	0.18	0.18	0.050	**U**
75-00-3	Chloroethane	0.68	0.68	0.090	0.26	0.26	0.035	**U**
107-02-8	Acrolein	**0.74**	0.68	0.14	**0.32**	0.30	0.060	
67-64-1	Acetone	**12**	6.8	0.11	**4.9**	2.9	0.048	**B**
75-69-4	Trichlorofluoromethane	**1.1**	0.68	0.11	**0.20**	0.12	0.020	
107-13-1	Acrylonitrile	0.68	0.68	0.068	0.31	0.31	0.033	**U**
75-35-4	1,1-Dichloroethene	0.68	0.68	0.068	0.17	0.17	0.018	**U**
75-09-2	Methylene chloride	**0.70**	0.68	0.090	**0.20**	0.20	0.027	
76-13-1	Trichlorotrifluoroethane	**0.52**	0.68	0.14	**0.068**	0.089	0.019	**J**
75-15-0	Carbon Disulfide	**0.13**	0.68	0.068	**0.042**	0.22	0.023	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.68	0.68	0.069	0.17	0.17	0.018	**U**
75-34-3	1,1-Dichloroethane	0.68	0.68	0.068	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.68	0.68	0.068	0.19	0.19	0.019	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.34	0.39	0.39	0.098	**U**
78-93-3	2-Butanone (MEK)	**2.3**	0.68	0.16	**0.78**	0.23	0.056	
156-59-2	cis-1,2-Dichloroethene	0.68	0.68	0.068	0.17	0.17	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: w Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-12-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00986

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.2 Pf 1 = 3.7

Can D.F. = 1.36

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.17**	0.68	0.068	**0.035**	0.14	0.015	**J**
107-06-2	1,2-Dichloroethane	0.68	0.68	0.090	0.17	0.17	0.023	**U**
71-55-6	1,1,1-Trichloroethane	**0.076**	0.68	0.068	**0.014**	0.12	0.013	**J**
71-43-2	Benzene	**2.2**	0.68	0.22	**0.68**	0.21	0.069	
56-23-5	Carbon Tetrachloride	**0.40**	0.68	0.14	**0.064**	0.11	0.022	**J**
78-87-5	1,2-Dichloropropane	0.68	0.68	0.078	0.15	0.15	0.018	**U**
75-27-4	Bromodichloromethane	0.68	0.68	0.11	0.10	0.10	0.018	**U**
79-01-6	Trichloroethene	**0.26**	0.68	0.10	**0.048**	0.13	0.019	**J**
10061-01-5	cis-1,3-Dichloropropene	0.68	0.68	0.068	0.15	0.15	0.016	**U**
108-10-1	4-Methyl-2-pentanone	**0.12**	0.68	0.076	**0.030**	0.17	0.019	**J**
10061-02-6	trans-1,3-Dichloropropene	0.68	0.68	0.092	0.15	0.15	0.020	**U**
79-00-5	1,1,2-Trichloroethane	0.68	0.68	0.15	0.12	0.12	0.029	**U**
108-88-3	Toluene	**5.6**	0.68	0.068	**1.5**	0.18	0.019	
591-78-6	2-Hexanone	**0.26**	0.68	0.068	**0.062**	0.17	0.018	**J**
124-48-1	Dibromochloromethane	0.68	0.68	0.071	0.080	0.080	0.0084	**U**
106-93-4	1,2-Dibromoethane	0.68	0.68	0.079	0.089	0.089	0.010	**U**
127-18-4	Tetrachloroethene	**1.5**	0.68	0.088	**0.22**	0.10	0.013	
108-90-7	Chlorobenzene	0.68	0.68	0.068	0.15	0.15	0.015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: W Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-12-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00986

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.2 Pf 1 = 3.7

Can D.F. = 1.36

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**1.2**	0.68	0.068	**0.27**	0.16	0.016	
179601-23-1	*m,p* -Xylenes	**4.2**	1.4	0.14	**0.97**	0.31	0.033	
75-25-2	Bromoform	0.68	0.68	0.14	0.066	0.066	0.013	**U**
100-42-5	Styrene	**0.32**	0.68	0.068	**0.074**	0.16	0.016	**J**
95-47-6	o-Xylene	**1.5**	0.68	0.068	**0.34**	0.16	0.016	
79-34-5	1,1,2,2-Tetrachloroethane	0.68	0.68	0.083	0.099	0.099	0.012	**U**
98-82-8	Cumene	**0.083**	0.68	0.068	**0.017**	0.14	0.015	**J**
103-65-1	n-Propylbenzene	**0.20**	0.68	0.068	**0.041**	0.14	0.015	**J**
108-67-8	1,3,5-Trimethylbenzene	**0.26**	0.68	0.26	**0.053**	0.14	0.053	**J**
95-63-6	1,2,4-Trimethylbenzene	**1.0**	0.68	0.33	**0.20**	0.14	0.067	
541-73-1	1,3-Dichlorobenzene	0.68	0.68	0.090	0.11	0.11	0.015	**U**
106-46-7	1,4-Dichlorobenzene	**0.15**	0.68	0.095	**0.025**	0.11	0.016	**J**
135-98-8	sec-Butylbenzene	0.68	0.68	0.095	0.12	0.12	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.68	0.68	0.16	0.12	0.12	0.030	**U**
95-50-1	1,2-Dichlorobenzene	0.68	0.68	0.16	0.11	0.11	0.027	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.68	0.68	0.14	0.070	0.070	0.015	**U**
120-82-1	1,2,4-Trichlorobenzene	0.68	0.68	0.30	0.092	0.092	0.041	**U**
91-20-3	Naphthalene	0.68	0.68	0.33	0.13	0.13	0.063	**U**
87-68-3	Hexachlorobutadiene	0.68	0.68	0.14	0.064	0.064	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: ____ Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-20-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00701

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.2**	0.71	0.071	**0.45**	0.14	0.016	
74-87-3	Chloromethane	**0.76**	0.71	0.14	**0.37**	0.34	0.066	
75-01-4	Vinyl Chloride	0.71	0.71	0.17	0.28	0.28	0.066	**U**
74-83-9	Bromomethane	0.71	0.71	0.20	0.18	0.18	0.052	**U**
75-00-3	Chloroethane	0.71	0.71	0.093	0.27	0.27	0.037	**U**
107-02-8	Acrolein	**0.82**	0.71	0.14	**0.36**	0.31	0.062	
67-64-1	Acetone	**12**	7.1	0.12	**5.0**	3.0	0.049	**B**
75-69-4	Trichlorofluoromethane	**1.1**	0.71	0.11	**0.19**	0.13	0.021	
107-13-1	Acrylonitrile	0.71	0.71	0.071	0.32	0.32	0.034	**U**
75-35-4	1,1-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**
75-09-2	Methylene chloride	**0.57**	0.71	0.093	**0.16**	0.20	0.028	**J**
76-13-1	Trichlorotrifluoroethane	**0.54**	0.71	0.14	**0.071**	0.092	0.020	**J**
75-15-0	Carbon Disulfide	**0.31**	0.71	0.071	**0.10**	0.23	0.024	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.71	0.71	0.072	0.18	0.18	0.018	**U**
75-34-3	1,1-Dichloroethane	0.71	0.71	0.071	0.17	0.17	0.018	**U**
1634-04-4	Methyl tert-Butyl Ether	0.71	0.71	0.071	0.20	0.20	0.020	**U**
108-05-4	Vinyl Acetate	1.4	1.4	0.35	0.40	0.40	0.10	**U**
78-93-3	2-Butanone (MEK)	**1.4**	0.71	0.17	**0.48**	0.24	0.058	
156-59-2	cis-1,2-Dichloroethene	0.71	0.71	0.071	0.18	0.18	0.018	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: W Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-20-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00701

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.12**	0.71	0.071	**0.025**	0.14	0.016	**J**
107-06-2	1,2-Dichloroethane	0.71	0.71	0.093	0.17	0.17	0.024	**U**
71-55-6	1,1,1-Trichloroethane	0.71	0.71	0.071	0.13	0.13	0.013	**U**
71-43-2	Benzene	**1.9**	0.71	0.23	**0.58**	0.22	0.072	
56-23-5	Carbon Tetrachloride	**0.38**	0.71	0.14	**0.060**	0.11	0.023	**J**
78-87-5	1,2-Dichloropropane	0.71	0.71	0.080	0.15	0.15	0.018	**U**
75-27-4	Bromodichloromethane	0.71	0.71	0.11	0.11	0.11	0.018	**U**
79-01-6	Trichloroethene	**0.13**	0.71	0.10	**0.024**	0.13	0.020	**J**
10061-01-5	cis-1,3-Dichloropropene	0.71	0.71	0.071	0.16	0.16	0.017	**U**
108-10-1	4-Methyl-2-pentanone	**0.11**	0.71	0.079	**0.026**	0.17	0.020	**J**
10061-02-6	trans-1,3-Dichloropropene	0.71	0.71	0.096	0.16	0.16	0.021	**U**
79-00-5	1,1,2-Trichloroethane	0.71	0.71	0.16	0.13	0.13	0.030	**U**
108-88-3	Toluene	**4.3**	0.71	0.071	**1.2**	0.19	0.020	
591-78-6	2-Hexanone	**0.20**	0.71	0.071	**0.048**	0.17	0.018	**J**
124-48-1	Dibromochloromethane	0.71	0.71	0.073	0.083	0.083	0.0087	**U**
106-93-4	1,2-Dibromoethane	0.71	0.71	0.082	0.092	0.092	0.011	**U**
127-18-4	Tetrachloroethene	**0.66**	0.71	0.092	**0.097**	0.10	0.014	**J**
108-90-7	Chlorobenzene	0.71	0.71	0.071	0.15	0.15	0.016	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: W Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-20-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00701

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.61**	0.71	0.071	**0.14**	0.16	0.017	**J**
179601-23-1	*m,p*-Xylenes	**2.4**	1.4	0.14	**0.55**	0.32	0.034	
75-25-2	Bromoform	0.71	0.71	0.14	0.068	0.068	0.014	**U**
100-42-5	Styrene	**0.23**	0.71	0.071	**0.055**	0.17	0.017	**J**
95-47-6	o-Xylene	**0.89**	0.71	0.071	**0.20**	0.16	0.017	
79-34-5	1,1,2,2-Tetrachloroethane	0.71	0.71	0.086	0.10	0.10	0.013	**U**
98-82-8	Cumene	**0.13**	0.71	0.071	**0.026**	0.14	0.016	**J**
103-65-1	n-Propylbenzene	**0.15**	0.71	0.071	**0.031**	0.14	0.016	**J**
108-67-8	1,3,5-Trimethylbenzene	0.71	0.71	0.27	0.14	0.14	0.055	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.78**	0.71	0.34	**0.16**	0.14	0.069	
541-73-1	1,3-Dichlorobenzene	0.71	0.71	0.093	0.12	0.12	0.016	**U**
106-46-7	1,4-Dichlorobenzene	0.71	0.71	0.099	0.12	0.12	0.017	**U**
135-98-8	sec-Butylbenzene	0.71	0.71	0.099	0.13	0.13	0.018	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.71	0.71	0.17	0.13	0.13	0.031	**U**
95-50-1	1,2-Dichlorobenzene	0.71	0.71	0.17	0.12	0.12	0.028	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.71	0.71	0.14	0.073	0.073	0.016	**U**
120-82-1	1,2,4-Trichlorobenzene	0.71	0.71	0.31	0.095	0.095	0.042	**U**
91-20-3	Naphthalene	0.71	0.71	0.34	0.13	0.13	0.065	**U**
87-68-3	Hexachlorobutadiene	0.71	0.71	0.14	0.066	0.066	0.013	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: w Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-06_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01034

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.0 Pf 1 = 3.9

Can D.F. = 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	0.73	0.073	**0.53**	0.15	0.016	
74-87-3	Chloromethane	**0.75**	0.73	0.14	**0.36**	0.35	0.069	
75-01-4	Vinyl Chloride	0.73	0.73	0.18	0.29	0.29	0.069	**U**
74-83-9	Bromomethane	0.73	0.73	0.20	0.19	0.19	0.054	**U**
75-00-3	Chloroethane	0.73	0.73	0.096	0.28	0.28	0.038	**U**
107-02-8	Acrolein	**0.73**	0.73	0.15	**0.32**	0.32	0.064	
67-64-1	Acetone	**17**	7.3	0.12	**7.3**	3.1	0.051	**B**
75-69-4	Trichlorofluoromethane	**1.1**	0.73	0.12	**0.20**	0.13	0.022	
107-13-1	Acrylonitrile	0.73	0.73	0.073	0.34	0.34	0.035	**U**
75-35-4	1,1-Dichloroethene	0.73	0.73	0.073	0.18	0.18	0.019	**U**
75-09-2	Methylene chloride	**0.49**	0.73	0.096	**0.14**	0.21	0.029	**J**
76-13-1	Trichlorotrifluoroethane	**0.52**	0.73	0.15	**0.068**	0.095	0.020	**J**
75-15-0	Carbon Disulfide	**0.15**	0.73	0.073	**0.049**	0.23	0.025	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.73	0.73	0.074	0.18	0.18	0.019	**U**
75-34-3	1,1-Dichloroethane	0.73	0.73	0.073	0.18	0.18	0.019	**U**
1634-04-4	Methyl tert-Butyl Ether	0.73	0.73	0.073	0.20	0.20	0.020	**U**
108-05-4	Vinyl Acetate	1.5	1.5	0.37	0.41	0.41	0.11	**U**
78-93-3	2-Butanone (MEK)	**1.7**	0.73	0.18	**0.57**	0.25	0.060	
156-59-2	cis-1,2-Dichloroethene	0.73	0.73	0.073	0.18	0.18	0.019	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: ___ Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-06_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01034

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.0 Pf 1 = 3.9

Can D.F. = 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.11**	0.73	0.073	**0.023**	0.15	0.016	**J**
107-06-2	1,2-Dichloroethane	0.73	0.73	0.096	0.18	0.18	0.025	**U**
71-55-6	1,1,1-Trichloroethane	0.73	0.73	0.073	0.13	0.13	0.013	**U**
71-43-2	Benzene	**1.5**	0.73	0.23	**0.46**	0.23	0.074	
56-23-5	Carbon Tetrachloride	**0.38**	0.73	0.15	**0.060**	0.12	0.023	**J**
78-87-5	1,2-Dichloropropane	0.73	0.73	0.083	0.16	0.16	0.019	**U**
75-27-4	Bromodichloromethane	0.73	0.73	0.12	0.11	0.11	0.019	**U**
79-01-6	Trichloroethene	0.73	0.73	0.11	0.14	0.14	0.020	**U**
10061-01-5	cis-1,3-Dichloropropene	0.73	0.73	0.073	0.16	0.16	0.018	**U**
108-10-1	4-Methyl-2-pentanone	**0.16**	0.73	0.082	**0.038**	0.18	0.020	**J**
10061-02-6	trans-1,3-Dichloropropene	0.73	0.73	0.099	0.16	0.16	0.022	**U**
79-00-5	1,1,2-Trichloroethane	0.73	0.73	0.16	0.13	0.13	0.031	**U**
108-88-3	Toluene	**5.4**	0.73	0.073	**1.4**	0.19	0.020	
591-78-6	2-Hexanone	**0.24**	0.73	0.073	**0.058**	0.18	0.019	**J**
124-48-1	Dibromochloromethane	0.73	0.73	0.076	0.086	0.086	0.0091	**U**
106-93-4	1,2-Dibromoethane	0.73	0.73	0.085	0.095	0.095	0.011	**U**
127-18-4	Tetrachloroethene	**0.77**	0.73	0.095	**0.11**	0.11	0.014	
108-90-7	Chlorobenzene	0.73	0.73	0.073	0.16	0.16	0.016	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: W Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-06_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01034

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.0 Pf 1 = 3.9

Can D.F. = 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.87**	0.73	0.073	**0.20**	0.17	0.018	
179601-23-1	*m,p*-Xylenes	**3.3**	1.5	0.15	**0.75**	0.34	0.035	
75-25-2	Bromoform	0.73	0.73	0.15	0.071	0.071	0.014	**U**
100-42-5	Styrene	**0.19**	0.73	0.073	**0.045**	0.17	0.018	**J**
95-47-6	o-Xylene	**1.2**	0.73	0.073	**0.27**	0.17	0.018	
79-34-5	1,1,2,2-Tetrachloroethane	0.73	0.73	0.089	0.11	0.11	0.013	**U**
98-82-8	Cumene	**0.073**	0.73	0.073	**0.015**	0.15	0.016	**J**
103-65-1	n-Propylbenzene	**0.19**	0.73	0.073	**0.039**	0.15	0.016	**J**
108-67-8	1,3,5-Trimethylbenzene	0.73	0.73	0.28	0.15	0.15	0.057	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.76**	0.73	0.35	**0.15**	0.15	0.072	
541-73-1	1,3-Dichlorobenzene	0.73	0.73	0.096	0.12	0.12	0.016	**U**
106-46-7	1,4-Dichlorobenzene	0.73	0.73	0.10	0.12	0.12	0.018	**U**
135-98-8	sec-Butylbenzene	0.73	0.73	0.10	0.13	0.13	0.019	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.73	0.73	0.18	0.13	0.13	0.032	**U**
95-50-1	1,2-Dichlorobenzene	0.73	0.73	0.18	0.12	0.12	0.029	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.73	0.73	0.15	0.076	0.076	0.016	**U**
120-82-1	1,2,4-Trichlorobenzene	0.73	0.73	0.32	0.098	0.098	0.044	**U**
91-20-3	Naphthalene	0.73	0.73	0.35	0.14	0.14	0.067	**U**
87-68-3	Hexachlorobutadiene	0.73	0.73	0.15	0.068	0.068	0.014	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: W Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P070129-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Chris Parnell
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	0.50	0.50	0.050	0.10	0.10	0.011	U
74-87-3	Chloromethane	0.50	0.50	0.097	0.24	0.24	0.047	U
75-01-4	Vinyl Chloride	0.50	0.50	0.12	0.20	0.20	0.047	U
74-83-9	Bromomethane	0.50	0.50	0.14	0.13	0.13	0.037	U
75-00-3	Chloroethane	0.50	0.50	0.066	0.19	0.19	0.026	U
107-02-8	Acrolein	0.50	0.50	0.10	0.22	0.22	0.044	U
67-64-1	Acetone	**0.25**	5.0	0.083	**0.10**	2.1	0.035	J
75-69-4	Trichlorofluoromethane	0.50	0.50	0.080	0.089	0.089	0.015	U
107-13-1	Acrylonitrile	0.50	0.50	0.050	0.23	0.23	0.024	U
75-35-4	1,1-Dichloroethene	0.50	0.50	0.050	0.13	0.13	0.013	U
75-09-2	Methylene chloride	0.50	0.50	0.066	0.14	0.14	0.020	U
76-13-1	Trichlorotrifluoroethane	0.50	0.50	0.10	0.065	0.065	0.014	U
75-15-0	Carbon Disulfide	**0.38**	0.50	0.050	**0.12**	0.16	0.017	J
156-60-5	trans-1,2-Dichloroethene	0.50	0.50	0.051	0.13	0.13	0.013	U
75-34-3	1,1-Dichloroethane	0.50	0.50	0.050	0.12	0.12	0.013	U
1634-04-4	Methyl tert-Butyl Ether	0.50	0.50	0.050	0.14	0.14	0.014	U
108-05-4	Vinyl Acetate	1.0	1.0	0.25	0.28	0.28	0.072	U
78-93-3	2-Butanone (MEK)	0.50	0.50	0.12	0.17	0.17	0.041	U
156-59-2	cis-1,2-Dichloroethene	0.50	0.50	0.050	0.13	0.13	0.013	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MW Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P070129-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Chris Parnell
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.50	0.50	0.050	0.10	0.10	0.011	U
107-06-2	1,2-Dichloroethane	0.50	0.50	0.066	0.12	0.12	0.017	U
71-55-6	1,1,1-Trichloroethane	0.50	0.50	0.050	0.092	0.092	0.0092	U
71-43-2	Benzene	0.50	0.50	0.16	0.16	0.16	0.051	U
56-23-5	Carbon Tetrachloride	0.50	0.50	0.10	0.080	0.080	0.016	U
78-87-5	1,2-Dichloropropane	0.50	0.50	0.057	0.11	0.11	0.013	U
75-27-4	Bromodichloromethane	0.50	0.50	0.081	0.075	0.075	0.013	U
79-01-6	Trichloroethene	0.50	0.50	0.074	0.093	0.093	0.014	U
10061-01-5	cis-1,3-Dichloropropene	0.50	0.50	0.050	0.11	0.11	0.012	U
108-10-1	4-Methyl-2-pentanone	0.50	0.50	0.056	0.12	0.12	0.014	U
10061-02-6	trans-1,3-Dichloropropene	0.50	0.50	0.068	0.11	0.11	0.015	U
79-00-5	1,1,2-Trichloroethane	0.50	0.50	0.11	0.092	0.092	0.021	U
108-88-3	Toluene	0.50	0.50	0.050	0.13	0.13	0.014	U
591-78-6	2-Hexanone	0.50	0.50	0.050	0.12	0.12	0.013	U
124-48-1	Dibromochloromethane	0.50	0.50	0.052	0.059	0.059	0.0062	U
106-93-4	1,2-Dibromoethane	0.50	0.50	0.058	0.065	0.065	0.0076	U
127-18-4	Tetrachloroethene	0.50	0.50	0.065	0.074	0.074	0.0096	U
108-90-7	Chlorobenzene	0.50	0.50	0.050	0.11	0.11	0.011	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: MJ Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P070129-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Chris Parnell
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 1/29/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	0.50	0.50	0.050	0.12	0.12	0.012	U
179601-23-1	*m,p* -Xylenes	1.0	1.0	0.10	0.23	0.23	0.024	U
75-25-2	Bromoform	0.50	0.50	0.10	0.048	0.048	0.0097	U
100-42-5	Styrene	0.50	0.50	0.050	0.12	0.12	0.012	U
95-47-6	o-Xylene	0.50	0.50	0.050	0.12	0.12	0.012	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	0.50	0.061	0.073	0.073	0.0089	U
98-82-8	Cumene	0.50	0.50	0.050	0.10	0.10	0.011	U
103-65-1	n-Propylbenzene	0.50	0.50	0.050	0.10	0.10	0.011	U
108-67-8	1,3,5-Trimethylbenzene	0.50	0.50	0.19	0.10	0.10	0.039	U
95-63-6	1,2,4-Trimethylbenzene	0.50	0.50	0.24	0.10	0.10	0.049	U
541-73-1	1,3-Dichlorobenzene	0.50	0.50	0.066	0.083	0.083	0.011	U
106-46-7	1,4-Dichlorobenzene	0.50	0.50	0.070	0.083	0.083	0.012	U
135-98-8	sec-Butylbenzene	0.50	0.50	0.070	0.091	0.091	0.013	U
99-87-6	4-Isopropyltoluene (p-Cymene)	0.50	0.50	0.12	0.091	0.091	0.022	U
95-50-1	1,2-Dichlorobenzene	0.50	0.50	0.12	0.083	0.083	0.020	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	0.50	0.10	0.052	0.052	0.011	U
120-82-1	1,2,4-Trichlorobenzene	0.50	0.50	0.22	0.067	0.067	0.030	U
91-20-3	Naphthalene	0.50	0.50	0.24	0.095	0.095	0.046	U
87-68-3	Hexachlorobutadiene	0.50	0.50	0.10	0.047	0.047	0.0094	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: W Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194

Surrogate Spike Recovery Results

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister(s)
Test Notes:

Date Collected: 1/23/07
Date Received: 1/24/07
Date Analyzed: 1/29/07

Client Sample ID	CAS Sample ID	1,2-Dichloroethane-d4		Toluene-d8		Bromofluorobenzene		Data Qualifier
		% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	
Method Blank	P070129-MB	**88**	70-130	**97**	70-130	**101**	70-130	
Lab Control Sample	P070129-LCS	**95**	70-130	**97**	70-130	**100**	70-130	
ELE-VLT-07-OP_012307	P2700194-001	**89**	70-130	**98**	70-130	**96**	70-130	
ELE-VLT-07-OP_012307	P2700194-001DUP	**90**	70-130	**99**	70-130	**95**	70-130	
ELE-VLT-06-CL_012307	P2700194-002	**89**	70-130	**99**	70-130	**97**	70-130	
ELE-VLT-06-OP_012307	P2700194-003	**89**	70-130	**98**	70-130	**95**	70-130	
FBO-VLT-03-OP_012307	P2700194-004	**90**	70-130	**97**	70-130	**96**	70-130	
Ambient-05_012307	P2700194-005	**91**	70-130	**98**	70-130	**96**	70-130	
ELE-VLT-12-CL_012307	P2700194-006	**90**	70-130	**98**	70-130	**97**	70-130	
ELE-VLT-12-OP_012307	P2700194-007	**90**	70-130	**99**	70-130	**97**	70-130	
ELE-VLT-20-OP_012307	P2700194-008	**90**	70-130	**98**	70-130	**97**	70-130	
Ambient-06_012307	P2700194-009	**91**	70-130	**98**	70-130	**97**	70-130	

Verified By: MW Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P070129-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Chris Parnell
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 1/29/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	Acceptance Limits	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	25.5	21.2	**83**	70-130	
74-87-3	Chloromethane	24.3	21.2	**87**	70-130	
75-01-4	Vinyl Chloride	24.8	20.2	**81**	70-130	
74-83-9	Bromomethane	25.0	23.4	**94**	70-130	
75-00-3	Chloroethane	25.0	22.2	**89**	70-130	
107-02-8	Acrolein	23.3	21.6	**93**	70-130	
67-64-1	Acetone	26.5	22.8	**86**	70-130	
75-69-4	Trichlorofluoromethane	24.3	21.8	**90**	70-130	
107-13-1	Acrylonitrile	25.5	23.3	**91**	70-130	
75-35-4	1,1-Dichloroethene	27.3	25.2	**92**	70-130	
75-09-2	Methylene chloride	26.8	23.9	**89**	70-130	
76-13-1	Trichlorotrifluoroethane	27.0	24.7	**91**	70-130	
75-15-0	Carbon Disulfide	25.0	22.2	**89**	70-130	
156-60-5	trans-1,2-Dichloroethene	26.3	24.4	**93**	70-130	
75-34-3	1,1-Dichloroethane	26.3	24.1	**92**	70-130	
1634-04-4	Methyl tert-Butyl Ether	26.3	24.2	**92**	70-130	
108-05-4	Vinyl Acetate	24.3	22.9	**94**	70-130	
78-93-3	2-Butanone (MEK)	26.8	25.0	**93**	70-130	
156-59-2	cis-1,2-Dichloroethene	26.5	24.1	**91**	70-130	

Verified By: N Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P070129-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Chris Parnell
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 1/29/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	Acceptance Limits	Data Qualifier
67-66-3	Chloroform	30.0	25.6	**85**	70-130	
107-06-2	1,2-Dichloroethane	26.0	23.8	**92**	70-130	
71-55-6	1,1,1-Trichloroethane	26.3	23.3	**89**	70-130	
71-43-2	Benzene	26.3	24.0	**91**	70-130	
56-23-5	Carbon Tetrachloride	25.8	23.3	**90**	70-130	
78-87-5	1,2-Dichloropropane	26.0	23.8	**92**	70-130	
75-27-4	Bromodichloromethane	27.5	24.5	**89**	70-130	
79-01-6	Trichloroethene	27.3	25.0	**92**	70-130	
10061-01-5	cis-1,3-Dichloropropene	26.0	22.9	**88**	70-130	
108-10-1	4-Methyl-2-pentanone	26.5	25.8	**97**	70-130	
10061-02-6	trans-1,3-Dichloropropene	27.8	26.0	**94**	70-130	
79-00-5	1,1,2-Trichloroethane	25.8	23.8	**92**	70-130	
108-88-3	Toluene	26.0	23.4	**90**	70-130	
591-78-6	2-Hexanone	26.0	24.7	**95**	70-130	
124-48-1	Dibromochloromethane	26.5	23.3	**88**	70-130	
106-93-4	1,2-Dibromoethane	26.0	23.2	**89**	70-130	
127-18-4	Tetrachloroethene	25.8	22.2	**86**	70-130	
108-90-7	Chlorobenzene	26.0	23.5	**90**	70-130	

Verified By: MV Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P070129-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Chris Parnell
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 1/29/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	Acceptance Limits	Data Qualifier
100-41-4	Ethylbenzene	25.8	23.1	**90**	70-130	
179601-23-1	m,p-Xylenes	61.5	56.4	**92**	70-130	
75-25-2	Bromoform	31.3	26.8	**86**	70-130	
100-42-5	Styrene	25.8	24.6	**95**	70-130	
95-47-6	o-Xylene	29.0	26.5	**91**	70-130	
79-34-5	1,1,2,2-Tetrachloroethane	29.3	26.2	**89**	70-130	
98-82-8	Cumene	26.0	23.4	**90**	70-130	
103-65-1	n-Propylbenzene	25.0	22.4	**90**	70-130	
108-67-8	1,3,5-Trimethylbenzene	25.5	23.4	**92**	70-130	
95-63-6	1,2,4-Trimethylbenzene	26.0	23.4	**90**	70-130	
541-73-1	1,3-Dichlorobenzene	25.3	22.2	**88**	70-130	
106-46-7	1,4-Dichlorobenzene	26.0	23.1	**89**	70-130	
135-98-8	sec-Butylbenzene	25.5	22.9	**90**	70-130	
99-87-6	4-Isopropyltoluene (p-Cymene)	28.0	24.3	**87**	70-130	
95-50-1	1,2-Dichlorobenzene	25.5	22.6	**89**	70-130	
96-12-8	1,2-Dibromo-3-chloropropane	24.8	22.9	**92**	70-130	
120-82-1	1,2,4-Trichlorobenzene	26.8	23.7	**88**	70-130	
91-20-3	Naphthalene	26.0	24.8	**95**	70-130	
87-68-3	Hexachlorobutadiene	26.5	23.2	**88**	70-130	

Verified By: W Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194

Method Blank Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Chris Parnell
Sampling Media: Summa Canister
Test Notes:

Lab File ID: 01290702.D
Date Analyzed: 1/29/07
Time Analyzed: 10:13

Client Sample ID	CAS Sample ID	Lab File ID	Time Analyzed
Lab Control Sample	P070129-LCS	01290703.D	11:04
ELE-VLT-07-OP_012307	P2700194-001	01290709.D	16:14
ELE-VLT-07-OP_012307	P2700194-001DUP	01290710.D	17:17
ELE-VLT-06-CL_012307	P2700194-002	01290711.D	17:57
ELE-VLT-06-OP_012307	P2700194-003	01290712.D	18:38
FBO-VLT-03-OP_012307	P2700194-004	01290713.D	19:19
Ambient-05_012307	P2700194-005	01290714.D	19:59
ELE-VLT-12-CL_012307	P2700194-006	01290715.D	20:40
ELE-VLT-12-OP_012307	P2700194-007	01290716.D	21:21
ELE-VLT-20-OP_012307	P2700194-008	01290717.D	22:01
Ambient-06_012307	P2700194-009	01290718.D	22:42

Verified by: MW Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-07-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-001

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01173

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -0.5 Pf 1 = 4.2

Can D.F. = 1.33

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.0058**	0.033	0.0025	**0.0023**	0.013	0.00096	**J**
67-66-3	Chloroform	**0.26**	0.13	0.047	**0.053**	0.027	0.0093	
107-06-2	1,2-Dichloroethane	**0.042**	0.033	0.0021	**0.010**	0.0082	0.00051	
71-43-2	Benzene	**2.8**	0.13	0.012	**0.88**	0.042	0.0037	**B**
56-23-5	Carbon Tetrachloride	**0.31**	0.033	0.0020	**0.049**	0.0053	0.00032	
78-87-5	1,2-Dichloropropane	**0.015**	0.033	0.0019	**0.0032**	0.0072	0.00039	**J**
79-01-6	Trichloroethene	**0.29**	0.013	0.0035	**0.055**	0.0025	0.00064	
10061-01-5	cis-1,3-Dichloropropene	0.033	0.033	0.0024	0.0073	0.0073	0.00052	**U**
79-00-5	1,1,2-Trichloroethane	0.033	0.033	0.0029	0.0061	0.0061	0.00055	**U**
106-93-4	1,2-Dibromoethane	0.033	0.033	0.0020	0.0043	0.0043	0.00025	**U**
127-18-4	Tetrachloroethene	**1.1**	0.033	0.0011	**0.16**	0.0049	0.00016	
79-34-5	1,1,2,2-Tetrachloroethane	0.033	0.033	0.0032	0.0048	0.0048	0.00045	**U**
106-46-7	1,4-Dichlorobenzene	**0.29**	0.033	0.0011	**0.049**	0.0055	0.00020	
87-68-3	Hexachlorobutadiene	0.13	0.13	0.0015	0.012	0.012	0.00015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: W Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-06-CL_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-002

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01230

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.6

Can D.F. = 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.011**	0.035	0.0026	**0.0043**	0.014	0.0010	**J**
67-66-3	Chloroform	**0.31**	0.14	0.049	**0.063**	0.028	0.0097	
107-06-2	1,2-Dichloroethane	**0.044**	0.035	0.0022	**0.011**	0.0086	0.00053	
71-43-2	Benzene	**2.4**	0.14	0.012	**0.76**	0.044	0.0039	**B**
56-23-5	Carbon Tetrachloride	**0.33**	0.035	0.0021	**0.053**	0.0055	0.00033	
78-87-5	1,2-Dichloropropane	**0.014**	0.035	0.0019	**0.0031**	0.0075	0.00040	**J**
79-01-6	Trichloroethene	**0.54**	0.014	0.0036	**0.10**	0.0026	0.00067	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0077	0.0077	0.00054	**U**
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0031	0.0064	0.0064	0.00057	**U**
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0021	0.0045	0.0045	0.00026	**U**
127-18-4	Tetrachloroethene	**1.2**	0.035	0.0011	**0.18**	0.0051	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0033	0.0051	0.0051	0.00047	**U**
106-46-7	1,4-Dichlorobenzene	**0.23**	0.035	0.0012	**0.039**	0.0058	0.00021	
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0015	0.013	0.013	0.00015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: W Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-06-CL_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-002DUP

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01230

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.5 Pf 1 = 3.6

Can D.F. = 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.011**	0.035	0.0026	**0.0044**	0.014	0.0010	**J**
67-66-3	Chloroform	**0.30**	0.14	0.049	**0.061**	0.028	0.0097	
107-06-2	1,2-Dichloroethane	**0.042**	0.035	0.0022	**0.010**	0.0086	0.00053	
71-43-2	Benzene	**2.4**	0.14	0.012	**0.75**	0.044	0.0039	**B**
56-23-5	Carbon Tetrachloride	**0.31**	0.035	0.0021	**0.049**	0.0055	0.00033	
78-87-5	1,2-Dichloropropane	**0.015**	0.035	0.0019	**0.0032**	0.0075	0.00040	**J**
79-01-6	Trichloroethene	**0.54**	0.014	0.0036	**0.10**	0.0026	0.00067	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0077	0.0077	0.00054	**U**
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0031	0.0064	0.0064	0.00057	**U**
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0021	0.0045	0.0045	0.00026	**U**
127-18-4	Tetrachloroethene	**1.2**	0.035	0.0011	**0.18**	0.0051	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0033	0.0051	0.0051	0.00047	**U**
106-46-7	1,4-Dichlorobenzene	**0.23**	0.035	0.0012	**0.039**	0.0058	0.00021	
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0015	0.013	0.013	0.00015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MJ Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-06-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-003

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00669

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.6 Pf 1 = 3.5

Can D.F. = 1.39

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.0046**	0.035	0.0026	**0.0018**	0.014	0.0010	**J**
67-66-3	Chloroform	**0.30**	0.14	0.049	**0.061**	0.028	0.0097	
107-06-2	1,2-Dichloroethane	**0.050**	0.035	0.0022	**0.012**	0.0086	0.00053	
71-43-2	Benzene	**3.8**	0.14	0.012	**1.2**	0.044	0.0039	**B**
56-23-5	Carbon Tetrachloride	**0.33**	0.035	0.0021	**0.053**	0.0055	0.00033	
78-87-5	1,2-Dichloropropane	**0.015**	0.035	0.0019	**0.0033**	0.0075	0.00040	**J**
79-01-6	Trichloroethene	**1.7**	0.014	0.0036	**0.33**	0.0026	0.00067	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0077	0.0077	0.00054	**U**
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0031	0.0064	0.0064	0.00057	**U**
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0021	0.0045	0.0045	0.00026	**U**
127-18-4	Tetrachloroethene	**0.88**	0.035	0.0011	**0.13**	0.0051	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0033	0.0051	0.0051	0.00047	**U**
106-46-7	1,4-Dichlorobenzene	**0.29**	0.035	0.0012	**0.049**	0.0058	0.00021	
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0015	0.013	0.013	0.00015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MW Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **FBO-VLT-03-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-004

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00758

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.1 Pf 1 = 4.3

Can D.F. = 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.0044**	0.035	0.0027	**0.0017**	0.014	0.0010	**J**
67-66-3	Chloroform	**0.35**	0.14	0.049	**0.071**	0.029	0.0098	
107-06-2	1,2-Dichloroethane	**0.045**	0.035	0.0022	**0.011**	0.0087	0.00053	
71-43-2	Benzene	**3.2**	0.14	0.012	**1.0**	0.044	0.0039	**B**
56-23-5	Carbon Tetrachloride	**0.34**	0.035	0.0021	**0.054**	0.0056	0.00034	
78-87-5	1,2-Dichloropropane	**0.013**	0.035	0.0020	**0.0027**	0.0076	0.00041	**J**
79-01-6	Trichloroethene	**0.48**	0.014	0.0036	**0.090**	0.0026	0.00067	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0077	0.0077	0.00055	**U**
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0031	0.0064	0.0064	0.00057	**U**
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0021	0.0046	0.0046	0.00027	**U**
127-18-4	Tetrachloroethene	**1.4**	0.035	0.0011	**0.21**	0.0052	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0034	0.0051	0.0051	0.00048	**U**
106-46-7	1,4-Dichlorobenzene	**0.29**	0.035	0.0012	**0.049**	0.0058	0.00021	
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0015	0.013	0.013	0.00015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MW Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-05_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-005

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01068

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.2 Pf 1 = 3.5

Can D.F. = 1.35

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.0034**	0.034	0.0026	**0.0013**	0.013	0.00097	**J**
67-66-3	Chloroform	**0.28**	0.14	0.047	**0.058**	0.028	0.0095	
107-06-2	1,2-Dichloroethane	**0.046**	0.034	0.0022	**0.011**	0.0083	0.00051	
71-43-2	Benzene	**3.6**	0.14	0.012	**1.1**	0.042	0.0038	**B**
56-23-5	Carbon Tetrachloride	**0.32**	0.034	0.0020	**0.051**	0.0054	0.00032	
78-87-5	1,2-Dichloropropane	**0.014**	0.034	0.0019	**0.0031**	0.0073	0.00039	**J**
79-01-6	Trichloroethene	**1.7**	0.014	0.0035	**0.32**	0.0025	0.00065	
10061-01-5	cis-1,3-Dichloropropene	0.034	0.034	0.0024	0.0074	0.0074	0.00053	**U**
79-00-5	1,1,2-Trichloroethane	0.034	0.034	0.0030	0.0062	0.0062	0.00055	**U**
106-93-4	1,2-Dibromoethane	0.034	0.034	0.0020	0.0044	0.0044	0.00026	**U**
127-18-4	Tetrachloroethene	**0.81**	0.034	0.0011	**0.12**	0.0050	0.00016	
79-34-5	1,1,2,2-Tetrachloroethane	0.034	0.034	0.0032	0.0049	0.0049	0.00046	**U**
106-46-7	1,4-Dichlorobenzene	**0.28**	0.034	0.0012	**0.047**	0.0056	0.00020	
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0015	0.013	0.013	0.00015	**U**

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B = Analyte found in method blank.

Verified By: W Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-12-CL_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-006

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00733

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.3 Pf 1 = 3.5

Can D.F. = 1.36

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.0059**	0.034	0.0026	**0.0023**	0.013	0.00098	**J**
67-66-3	Chloroform	**0.25**	0.14	0.048	**0.051**	0.028	0.0095	
107-06-2	1,2-Dichloroethane	**0.043**	0.034	0.0022	**0.011**	0.0084	0.00052	
71-43-2	Benzene	**2.5**	0.14	0.012	**0.77**	0.043	0.0038	**B**
56-23-5	Carbon Tetrachloride	**0.32**	0.034	0.0020	**0.050**	0.0054	0.00033	
78-87-5	1,2-Dichloropropane	**0.014**	0.034	0.0019	**0.0031**	0.0074	0.00039	**J**
79-01-6	Trichloroethene	**0.51**	0.014	0.0035	**0.095**	0.0025	0.00065	
10061-01-5	cis-1,3-Dichloropropene	0.034	0.034	0.0024	0.0075	0.0075	0.00053	**U**
79-00-5	1,1,2-Trichloroethane	0.034	0.034	0.0030	0.0062	0.0062	0.00056	**U**
106-93-4	1,2-Dibromoethane	**0.0021**	0.034	0.0020	**0.00027**	0.0044	0.00026	**J**
127-18-4	Tetrachloroethene	**1.2**	0.034	0.0011	**0.18**	0.0050	0.00016	
79-34-5	1,1,2,2-Tetrachloroethane	0.034	0.034	0.0033	0.0050	0.0050	0.00046	**U**
106-46-7	1,4-Dichlorobenzene	**0.18**	0.034	0.0012	**0.030**	0.0057	0.00020	
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0015	0.013	0.013	0.00015	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: W Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-12-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-007

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00986

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.2 Pf 1 = 3.7

Can D.F. = 1.36

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.034	0.034	0.0026	0.013	0.013	0.00098	U
67-66-3	Chloroform	**0.17**	0.14	0.048	**0.034**	0.028	0.0095	
107-06-2	1,2-Dichloroethane	**0.044**	0.034	0.0022	**0.011**	0.0084	0.00052	
71-43-2	Benzene	**1.8**	0.14	0.012	**0.57**	0.043	0.0038	B
56-23-5	Carbon Tetrachloride	**0.34**	0.034	0.0020	**0.054**	0.0054	0.00033	
78-87-5	1,2-Dichloropropane	**0.0096**	0.034	0.0019	**0.0021**	0.0074	0.00039	J
79-01-6	Trichloroethene	**0.24**	0.014	0.0035	**0.045**	0.0025	0.00065	
10061-01-5	cis-1,3-Dichloropropene	0.034	0.034	0.0024	0.0075	0.0075	0.00053	U
79-00-5	1,1,2-Trichloroethane	0.034	0.034	0.0030	0.0062	0.0062	0.00056	U
106-93-4	1,2-Dibromoethane	0.034	0.034	0.0020	0.0044	0.0044	0.00026	U
127-18-4	Tetrachloroethene	**1.4**	0.034	0.0011	**0.20**	0.0050	0.00016	
79-34-5	1,1,2,2-Tetrachloroethane	0.034	0.034	0.0033	0.0050	0.0050	0.00046	U
106-46-7	1,4-Dichlorobenzene	**0.12**	0.034	0.0012	**0.020**	0.0057	0.00020	
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0015	0.013	0.013	0.00015	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
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J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: NV Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-20-OP_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-008

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00701

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -1.8 Pf 1 = 3.5

Can D.F. = 1.41

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.035	0.035	0.0027	0.014	0.014	0.0010	U
67-66-3	Chloroform	**0.12**	0.14	0.049	**0.024**	0.029	0.0099	J
107-06-2	1,2-Dichloroethane	**0.040**	0.035	0.0023	**0.0098**	0.0087	0.00054	
71-43-2	Benzene	**1.6**	0.14	0.012	**0.50**	0.044	0.0039	B
56-23-5	Carbon Tetrachloride	**0.32**	0.035	0.0021	**0.051**	0.0056	0.00034	
78-87-5	1,2-Dichloropropane	**0.011**	0.035	0.0020	**0.0023**	0.0076	0.00041	J
79-01-6	Trichloroethene	**0.12**	0.014	0.0037	**0.023**	0.0026	0.00068	
10061-01-5	cis-1,3-Dichloropropene	0.035	0.035	0.0025	0.0078	0.0078	0.00055	U
79-00-5	1,1,2-Trichloroethane	0.035	0.035	0.0031	0.0065	0.0065	0.00058	U
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0021	0.0046	0.0046	0.00027	U
127-18-4	Tetrachloroethene	**0.62**	0.035	0.0011	**0.092**	0.0052	0.00017	
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.0034	0.0051	0.0051	0.00048	U
106-46-7	1,4-Dichlorobenzene	**0.066**	0.035	0.0012	**0.011**	0.0059	0.00021	
87-68-3	Hexachlorobutadiene	0.14	0.14	0.0016	0.013	0.013	0.00016	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
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B = Analyte found in method blank.

Verified By: MJ Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-06_012307**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P2700194-009

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01034

Date Collected: 1/23/07
Date Received: 1/24/07
Date(s) Analyzed: 1/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.0 Pf 1 = 3.9

Can D.F. = 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.0030**	0.037	0.0028	**0.0012**	0.014	0.0011	**J**
67-66-3	Chloroform	**0.14**	0.15	0.051	**0.029**	0.030	0.010	**J**
107-06-2	1,2-Dichloroethane	**0.046**	0.037	0.0023	**0.011**	0.0090	0.00055	
71-43-2	Benzene	**1.3**	0.15	0.013	**0.41**	0.046	0.0041	**B**
56-23-5	Carbon Tetrachloride	**0.31**	0.037	0.0022	**0.049**	0.0058	0.00035	
78-87-5	1,2-Dichloropropane	**0.012**	0.037	0.0020	**0.0026**	0.0079	0.00042	**J**
79-01-6	Trichloroethene	**0.068**	0.015	0.0038	**0.013**	0.0027	0.00070	
10061-01-5	cis-1,3-Dichloropropene	0.037	0.037	0.0026	0.0080	0.0080	0.00057	**U**
79-00-5	1,1,2-Trichloroethane	0.037	0.037	0.0032	0.0067	0.0067	0.00060	**U**
106-93-4	1,2-Dibromoethane	**0.0045**	0.037	0.0022	**0.00059**	0.0048	0.00028	**J**
127-18-4	Tetrachloroethene	**0.76**	0.037	0.0012	**0.11**	0.0054	0.00018	
79-34-5	1,1,2,2-Tetrachloroethane	0.037	0.037	0.0035	0.0053	0.0053	0.00050	**U**
106-46-7	1,4-Dichlorobenzene	**0.068**	0.037	0.0013	**0.011**	0.0061	0.00022	
87-68-3	Hexachlorobutadiene	0.15	0.15	0.0016	0.014	0.014	0.00016	**U**

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
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J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
B = Analyte found in method blank.

Verified By: MY Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P070130-MB

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Chris Parnell
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 1/30/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.025	0.025	0.0019	0.0098	0.0098	0.00072	U
67-66-3	Chloroform	0.10	0.10	0.035	0.020	0.020	0.0070	U
107-06-2	1,2-Dichloroethane	0.025	0.025	0.0016	0.0062	0.0062	0.00038	U
71-43-2	Benzene	**0.053**	0.10	0.0088	**0.017**	0.031	0.0028	J
56-23-5	Carbon Tetrachloride	0.025	0.025	0.0015	0.0040	0.0040	0.00024	U
78-87-5	1,2-Dichloropropane	0.025	0.025	0.0014	0.0054	0.0054	0.00029	U
79-01-6	Trichloroethene	0.010	0.010	0.0026	0.0019	0.0019	0.00048	U
10061-01-5	cis-1,3-Dichloropropene	0.025	0.025	0.0018	0.0055	0.0055	0.00039	U
79-00-5	1,1,2-Trichloroethane	0.025	0.025	0.0022	0.0046	0.0046	0.00041	U
106-93-4	1,2-Dibromoethane	0.025	0.025	0.0015	0.0033	0.0033	0.00019	U
127-18-4	Tetrachloroethene	0.025	0.025	0.00080	0.0037	0.0037	0.00012	U
79-34-5	1,1,2,2-Tetrachloroethane	0.025	0.025	0.0024	0.0036	0.0036	0.00034	U
106-46-7	1,4-Dichlorobenzene	0.025	0.025	0.00086	0.0042	0.0042	0.00015	U
87-68-3	Hexachlorobutadiene	0.10	0.10	0.0011	0.0094	0.0094	0.00011	U

U = Compound was analyzed for, but not detected above the **laboratory detection limit**.
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J = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.

Verified By: MJ Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194

Surrogate Spike Recovery Results

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister(s)
Test Notes:

Date Collected: 1/23/07
Date Received: 1/24/07
Date Analyzed: 1/30/07

Client Sample ID	CAS Sample ID	1,2-Dichloroethane-d4		Toluene-d8		Bromofluorobenzene		Data Qualifier
		% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	
Method Blank	P070130-MB	**96**	70-130	**102**	70-130	**99**	70-130	
Lab Control Sample	P070130-LCS	**101**	70-130	**101**	70-130	**101**	70-130	
ELE-VLT-07-OP_012307	P2700194-001	**100**	70-130	**102**	70-130	**100**	70-130	
ELE-VLT-06-CL_012307	P2700194-002	**98**	70-130	**102**	70-130	**100**	70-130	
ELE-VLT-06-CL_012307	P2700194-002DUP	**98**	70-130	**100**	70-130	**102**	70-130	
ELE-VLT-06-OP_012307	P2700194-003	**105**	70-130	**102**	70-130	**102**	70-130	
FBO-VLT-03-OP_012307	P2700194-004	**100**	70-130	**102**	70-130	**101**	70-130	
Ambient-05_012307	P2700194-005	**100**	70-130	**101**	70-130	**102**	70-130	
ELE-VLT-12-CL_012307	P2700194-006	**97**	70-130	**102**	70-130	**101**	70-130	
ELE-VLT-12-OP_012307	P2700194-007	**98**	70-130	**100**	70-130	**96**	70-130	
ELE-VLT-20-OP_012307	P2700194-008	**99**	70-130	**101**	70-130	**96**	70-130	
Ambient-06_012307	P2700194-009	**96**	70-130	**101**	70-130	**95**	70-130	

Verified By: W Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194
CAS Sample ID: P070130-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Chris Parnell
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 1/30/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked pg	Amount Recovered pg	% Recovery	Acceptance Limits	Data Qualifier
75-01-4	Vinyl Chloride	495	557	**113**	70-130	
67-66-3	Chloroform	600	631	**105**	70-130	
107-06-2	1,2-Dichloroethane	520	614	**118**	70-130	
71-43-2	Benzene	525	555	**106**	70-130	
56-23-5	Carbon Tetrachloride	515	561	**109**	70-130	
78-87-5	1,2-Dichloropropane	520	578	**111**	70-130	
79-01-6	Trichloroethene	545	605	**111**	70-130	
10061-01-5	cis-1,3-Dichloropropene	520	567	**109**	70-130	
79-00-5	1,1,2-Trichloroethane	515	606	**118**	70-130	
106-93-4	1,2-Dibromoethane	520	578	**111**	70-130	
127-18-4	Tetrachloroethene	515	566	**110**	70-130	
79-34-5	1,1,2,2-Tetrachloroethane	585	592	**101**	70-130	
106-46-7	1,4-Dichlorobenzene	520	488	**94**	70-130	
87-68-3	Hexachlorobutadiene	530	381	**72**	70-130	

Verified By: MS Date: 2/1/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2700194

Method Blank Summary

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Chris Parnell
Sampling Media: Summa Canister
Test Notes:

Lab File ID: 01300703.D
Date Analyzed: 1/30/07
Time Analyzed: 09:21

Client Sample ID	CAS Sample ID	Lab File ID	Time Analyzed
Lab Control Sample	P070130-LCS	01300706.D	11:04
ELE-VLT-07-OP_012307	P2700194-001	01300708.D	12:29
ELE-VLT-06-CL_012307	P2700194-002	01300709.D	13:00
ELE-VLT-06-CL_012307 (Lab Duplicate)	P2700194-002DUP	01300710.D	13:31
ELE-VLT-06-OP_012307	P2700194-003	01300711.D	14:02
FBO-VLT-03-OP_012307	P2700194-004	01300712.D	15:02
Ambient-05_012307	P2700194-005	01300713.D	15:32
ELE-VLT-12-CL_012307	P2700194-006	01300714.D	16:06
ELE-VLT-12-OP_012307	P2700194-007	01300715.D	16:43
ELE-VLT-20-OP_012307	P2700194-008	01300716.D	17:13
Ambient-06_012307	P2700194-009	01300717.D	18:28

Verified by: W Date: 2/1/07

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: CH2M Hill Work order: P2700194

Project: Sky Harbor

Sample(s) received on: 1/24/07 Date opened: 1/24/07 by: MZ

Note: This form is used for all samples received by CAS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
	Cooler Temperature NA °C			
	Blank Temperature NA °C			
8	Were **custody seals** on outside of cooler/Box?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
	Were custody seals on outside of sample container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Is pH (acid) **preservation** necessary, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** (acid) preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
	Do they contain moisture?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2700194-001			NA	
P2700194-002			NA	
P2700194-003			NA	
P2700194-004			NA	
P2700194-005			NA	
P2700194-006			NA	
P2700194-007			NA	
P2700194-008			NA	
P2700194-009			NA	

Explain any discrepancies: (include lab sample ID numbers): _____

P2700094 37380_012307

2655 Park Center Drive, Suite A
Simi Valley, CA 93065
(805)526-7161

Honeywell — Chain Of Custody / Analysis Request

AESI Ref:	39098.28655		
COC#	37380_012307		
Lab Proj # (SDG):			
Lab ID			
Site ID	SKYHARBOR		
Lab Job #			
Authorized User:	Honeywell		
Text & Excel File Drive	Excel & Text File Order		

Privileged & Confidential	Y	Site Name:	Sky Harbor
EDD To:	Jennifer Holland jennifer.holland@ch2m.com	Location of Site:	Phoenix, AZ
Sampler:	L Peterson; R Randall	Phase:	Vault Sampling
PO #		Sampling Program	~~Well Dilution~~
Analysis Turnaround Time (TAT):	Standard	Preservative	
Consultant			
Full Report TAT:	Standard		

Sampling Co.: CH2MHILL

Client Contact: (name, co., address)
CH2M HILL
2625 South Plaza Drive, Suite 300
Tempe, AZ 85282

Preliminary Data To: Jennifer Holland, CH2M HILL
Sample Receipt Acknowledgement To: Jennifer Holland, CH2M HILL
Hard Copy To: Jennifer Holland, CH2M HILL
Invoice To:

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	Location ID	Start Depth (ft)	End Depth (ft)	Field Sample ID	Sample Date	Sample Time	Sample Type	Sample Matrix	Sample Purpose	# of Cont.	Composite/Grab	Field Filtered Sample ?	TO-15 (low level)	Canister Serial Number	Sampling Method (code)	Lab Sample Numbers
											Units					
1	ELE-VLT-07			ELE-VLT-07-OP_012307	1/23/07	0437	Air	Air	REG	1	C	N	X	003019		①-1.1
2	ELE-VLT-06			ELE-VLT-06-CL_012307		0508				1			X	003210		②-3.1
3	ELE-VLT-06			ELE-VLT-06-OP_012307		0705				1			X	022 14		③-3.3
4	FBO-VLT-03			FBO-VLT-03-OP_012307		0534				1			X	023 95		④-2.3
5	Ambient05			Ambient-05_012307		0710				1			X	002854		⑤-2.5
6	ELE-VLT-12			ELE-VLT-12-CL_012307		0827				1			X	023 27		⑥-2.6
7	ELE-VLT-12			ELE-VLT-12-OP_012307		0910				1			X	002750		⑦-2.5
8	ELE-VLT-20			ELE-VLT-20-OP_012307		1004				1			X	022 66		⑧-3.6
9	Ambient06			Ambient-06_012307		1055				1			X	002798		⑨-4.0
10																
11																
12																

Relinquished by	Company	CH2M Hill	Received by	CAS Company		Condition	Custody Seals Intact
Sam Peterson	Date/Time	1/23/07 1430	W Tagawara	Date/Time 1/24/07 0910		Cooler Temp.	
Relinquished by	Company		Received by	Company		Condition	Custody Seals Intact
	Date/Time			Date/Time		Cooler Temp.	

Preservatives: (Other; Specify):

0 (none); 1 (4 Deg C); 2 (HCl pH<2); 3 (HNO3 pH<2); 4 (H2SO4 pH<2); 5 (NaOH pH>12); 6 (NaOH, Zn Acetate); 7 (H2SO4 (pH<2), 4 Deg C)); 8 (HCl pH<2); 9 (HCl 4 Deg C); 10 (HNO3 (pH<2), 4Deg C); 11 (4C NaOH (pH>12) & Ascorbic Acid); 12 (4C H2SO4 (pH<2) & Na2S2O3); 13 (Zn Acetate); sp (special instructions)

10035