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August 22, 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: *Second Quarter Status Report for 2007*
LUST File #0393.02-.10, .15-.17
Facility ID #0-002227

Dear Mr. Lucas:

Honeywell is submitting this *Second 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
Facility Name

0-002227
Facility ID

111 South 34th Street
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

08/22/07
Date

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

Remediation Portfolio Director
Title

Revised 8/05

Report

Second Quarter Status Report for 2007

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

Prepared for

Honeywell International Inc.

August 2007

REGISTERED GEOLOGIST
CERTIFICATE NO.
35022
ROBERT J.
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Date Signed 8/30/07
ARIZONA U.S.A.

Prepared by

CH2MHILL

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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
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
PSHIA	Phoenix Sky Harbor International Airport
1,1,1-TCA	1,1,1-trichloroethane
TCE	trichloroethylene
TRPH	total recoverable petroleum hydrocarbons
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VOC	volatile organic compound

SECTION 1.0

Introduction

1.1 Scope and Purpose

This quarterly status report summarizes the ongoing contaminant characterization and remediation activities conducted during the second 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 using 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 April 2007 through June 2007:

- Honeywell conducted the second quarter 2007 groundwater sampling event between June 11 and June 20, 2007.
- Honeywell conducted three monthly water-level measurements and three additional rounds of manual free-product-specific monitoring/recovery during the second 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, 2005).
- Honeywell continued operation of an automated free-product skimming system, with weekly maintenance checks, in monitoring well ASE-67A during the second quarter 2007.
- Honeywell conducted quarterly monitoring of 13 Phoenix Sky Harbor International Airport (PSHIA) 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 June 18 and 19, 2007.
- Honeywell conducted USEPA Method TO-15 vault air sampling at five subsurface utility vaults located on PSHIA property on June 19 and 23, 2007.
- Honeywell conducted soil vapor monitoring at monitoring wells ASE-105A, ASE-112A, ASE-113A, ASE-114A, and BC-8B for O_2, CO_2, methane, and %LEL between June 12, 2007 and July 4, 2007.

SECTION 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 (April 1, 2007 to June 30, 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 second quarter groundwater sampling round conducted in June 2007, in accordance with the *LUST Field Sampling Plan – Groundwater Sampling, Free Product Monitoring and Recovery Plan* (CH2M HILL, 2005).

This section presents a discussion of dissolved-phase contaminant concentrations and distribution, along with associated plan view plots, of:

- Benzene.
- Ethylbenzene.
- Methyl tert-butyl ether (MTBE).
- Naphthalene.
- Total recoverable petroleum hydrocarbons (TRPH).

A plan view plot presenting dissolved-phase ethylbenzene concentrations has been included in this quarterly status report as a result of concentrations exceeding ethylbenzene's USEPA maximum contaminant level (MCL). Conversely, a plan view plot of benzo(a)pyrene concentrations is not included in this quarterly status report because that compound was not detected in any groundwater sample collected during the second quarter groundwater sampling round. In addition, following discussions with ADEQ and the City of Phoenix, it was mutually agreed upon to remove plan view plots of total benzene, toluene, ethylbenzene, and xylenes (BTEX), total VOCs, total non-fuel VOCs, total trichloroethylene (TCE), and total 1,1,1-trichloroethane (1,1,1-TCA) from this and future quarterly status reports. These figures are being removed from the quarterly status reports because "total" compounds do not have regulatory standards or health-based guidance levels (plots of TRPH will remain, however, for use as a general screening parameter). Water-quality data that comprise the "total" compounds are summarized individually in Table 2-1. (All tables are provided at the end of this report.)

This section also discusses free-product thickness measurements collected on June 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 second 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 PSHIA 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, 2005). 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 wells ASE-89A, ASE-107A, and ASE-111A were measured approximately biweekly, as indicated in Table 2-2. The free-product thickness in monitoring well ASE-67A is measured weekly, as indicated in Table 2-3, because the well contains an automated free-product recovery system that requires weekly inspections.

Free-product thickness measurements in monitoring well ASE-107A, obtained on April 4, 2007, May 22, 2007, and June 19, 2007, exceeded the 0.75-foot metric established in the CAP (CH2M HILL, 2004a-b) and *LUST Field Sampling Plan – Groundwater Sampling, Free Product Monitoring and Recovery Plan* (CH2M HILL, 2005) that triggers a general requirement for installation of an automatic free-product pump (Table 2-2). Monitoring well ASE-107A, however, is located on PSHIA property and, as such, installation of an automatic free-product pump would require disruption of airport operations. As stipulated in the CAP and LUST Field Sampling Plan referenced above, an alternate plan of action may be developed in cooperation with ADEQ and PSHIA personnel for any monitoring well that exceeds the metric, but where installation of recovery equipment would cause disruption to airport operations. Pursuant to discussions with ADEQ's Case Manager for the LUST Enforcement Unit and the City of Phoenix, Honeywell's plan is to continue biweekly manual free-product recovery from monitoring well ASE-107A. In addition, Honeywell has purchased a second Spill Buddy Pro™ free-product recovery pump to establish equipment redundancy and provide uninterrupted biweekly free-product recovery (subject to PSHIA operations' site access approval).

Free-product thicknesses are illustrated in this quarterly status report for measurements collected on June 6, 2007 (the last complete monitoring round of the reporting period), as well as the historical maximum thicknesses (Figures 2-1 and 2-2). Tables 2-2 and 2-3 provide free-product thickness measurements collected during the reporting period for all monitoring wells where free product historically has been observed.

On June 6, 2007, Honeywell observed free product in eight monitoring wells located on its property and PSHIA property (including monitoring well ASE-67A measured on June 5, 2007), as shown in Figure 2-1. These monitoring wells previously contained free product at thicknesses greater than those measured on June 6, 2007. The maximum free-product thickness observed in any monitoring well on June 6, 2007, was 0.61 foot in monitoring well ASE-107A (Figure 2-1). The free-product thickness in monitoring well ASE-107A on June 6, 2007 was less than the maximum free-product thickness observed in this well prior to that date (0.94 foot on April 22, 2007). Subsequent to June 6, 2007, however, but within the reporting period, a free-product thickness of 1.17 feet was observed in monitoring well ASE-107A on June 19, 2007. This thickness represents the maximum thickness observed in

monitoring well ASE-107A through the end of the second quarter 2007 and is reflected in Figure 2-2. It should also be noted that the automated free-product skimmer system currently installed in monitoring well ASE-67A controls the free-product thickness in that 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 March 6, 2007) shows that changes in free-product thicknesses were variable but generally decreased between March 2007 and June 2007 (CH2M HILL, 2007a). Of the monitoring wells containing free product in one or both of the March 2007 and June 2007 full monitoring rounds, the thickness of product decreased in seven wells (ASE-19A, ASE-67A, ASE-89A, ASE-91A, ASE-102A, ASE-111A, and ASE-115A) and increased in two wells (ASE-51A and ASE-107A). Free product was not encountered on June 6, 2007 in monitoring well ASE-19A; this well contained free product during the previous quarter's monitoring round on March 6, 2007 at a thickness of 0.02 foot (CH2M HILL, 2007a).

The June 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-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 PSHIA 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 historically has been observed in 30 different monitoring wells located on the Honeywell facility and PSHIA 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-106A, 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).

Monitoring wells ASE-108A (installed in March 2005) and ASE-116A (installed in December 2005) have 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 in 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, 2005), 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 LUST Field Sampling Plan referenced above. 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 June 2007 evaluation of the groundwater levels and associated groundwater flow directions 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 June 11 and 20, 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 June 2007 sampling event because this well was dry (monitoring well BC-18 has been dry since December 2001). A groundwater sample was not collected from monitoring well ASE-19A in June 2007 due to access issues. 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.
- Ethylbenzene.
- MTBE.
- Naphthalene.
- TRPH.

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

2.2.1 Water-level Elevations

Groundwater elevations for all non-dry monitoring wells at and near the Honeywell facility were measured on June 6, 2007, except for monitoring well ASE-67A, which was measured on June 5, 2007. The June 5 and 6, 2007 groundwater elevations and associated groundwater-level contours are presented in Figure 2-3 for the eastern portion of the Honeywell facility and PSHIA 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 March 2007 and June 2007 shows that water levels declined in nearly half of the monitoring wells associated with the CAP (Table 2-4). Water levels declined in 28 of the 64 monitoring wells measured between March 2007 and June 2007, with decreases ranging from 0.01 foot (PL-101A) to 0.84 foot (PL-2102)

for an average decline of approximately 0.37 foot. Water-level elevations increased in 36 monitoring wells during the same period. These water-level increases ranged from 0.22 foot (ASE-127A) to 1.91 foot (ASE-99A and ASE-110A) and were limited to monitoring wells located in the southern portion of the area associated with the CAP.

During 2005 and the majority of 2006, water levels at the Honeywell facility and the northern portion of PSHIA 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 and summarized the results in previous quarterly status reports (CH2M HILL, 2007a-b). Beginning in late 2006, water levels at the Honeywell facility and the northern portion of PSHIA 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 historical trend of regional water-level decline. Water levels continued to decline into April 2007, however, between April and May 2007, water levels rose in monitoring wells located in the southern portion of the area associated with the CAP. Between May and June 2007, water levels rose in all but five of the UST monitoring wells (ASE-19A, ASE-54A, ASE-66A, PL-2101, and PL-2102). Hydrographs presented in Appendix A illustrate water-level elevations over time for each of Honeywell's UST monitoring wells.

In addition to noting that discharges into the Salt River by the City of Tempe ceased in early September 2006, Honeywell was informed by City of Mesa personnel that discharges from the City of Mesa's Northwest Water Reclamation Plant into the Salt River ceased on June 6, 2007. (According to City of Mesa personnel, this water is now discharged to the Granite Reef Underground Storage Project at a rate of approximately 10 million gallons per day.) The discontinuation of these discharges into the Salt River should cause the localized water table to return to the regional decline seen in other areas of the Salt River Basin. The effect of reduced discharge into the Salt River in the area associated with the CAP was initially evident in a comparison of the water levels collected on June 6, 2007 with those collected during the subsequent biweekly free-product monitoring/recovery event on June 19, 2007. Water levels in monitoring wells ASE-107A and ASE-89A, located on PSHIA property, declined by 0.38 foot and 0.26 foot, respectively, in that 2-week period, reversing the trend in those wells from previous monitoring rounds. The water level in monitoring well ASE-111A, located on Honeywell property and further away from the Salt River than wells on PSHIA property, declined by 0.08 foot, similarly reversing the water-level trend in that well (Appendix A).

In addition to discharges into the Salt River, Honeywell has also 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. The rise in water levels observed between April and May 2007, in monitoring wells located on PSHIA property and on the southern portion of the Honeywell facility, suggested a delayed response to the City of Tempe's discharge of water into the Salt River riverbed. The continued rise in water levels in the southern UST monitoring wells and the rise in water levels in UST wells located in the northern portion of the area associated with the CAP between May and June 2007 suggests a

sustained response to the river discharge in monitoring wells near the river, and a gradual expansion of rising water levels to monitoring wells located further north of the Salt River riverbed. Based on USGS gauging data, however, additional flow in the Salt River that had been due to the City of Tempe's pump system decreased in early June 2007. A follow-up discussion with City of Tempe personnel indicated that the pump system was officially shut down on June 18, 2007 and, barring any significant precipitation events, there is currently no plan to turn the system back on before September 2007. The shutdown of this system has increased the effect on the local water table as evident in the water levels measured after the June 6, 2007 monthly round described above. Honeywell will continue to monitor the effect of flow in the Salt River on water levels in the vicinity of the facility and discuss findings in future status reports.

2.2.2 Benzene

Benzene was detected in groundwater throughout the eastern portion of the Honeywell facility and onto PSHIA property in June 2007, generally consistent with the historical aerial extent of the free-product pool. The maximum concentration of benzene in June 2007 occurred in monitoring well ASE-63A (3,700 micrograms per liter [µg/L]), as shown in Figure 2-4. This concentration was lower than the previous quarter's maximum of 4,300J µg/L, which also occurred in monitoring well ASE-63A (CH2M HILL, 2007a). Consistent with the data from March 2007 and prior sampling rounds, the highest benzene concentrations in June 2007 occurred in monitoring wells associated with the Area 2 fuel farm (ASE-63A, 3,700 µg/L; ASE-115A, 2,400 µg/L; ASE-38A, 830 µg/L; ASE-116A, 770 µg/L). Concentrations of benzene exceeding the USEPA MCL of 5 µg/L were detected both at the Honeywell facility and beneath the northern portion of PSHIA in June 2007, as shown in Figure 2-4.

In general, the June 2007 benzene concentrations were slightly lower than those in March 2007, with some minor increases observed in monitoring wells on both the Honeywell facility and the PSHIA. The largest increase in benzene concentration was observed in monitoring well ASE-89A, located on PSHIA property, which increased from 470 µg/L in March 2007 to 560 µg/L in June 2007. Of the increases in benzene concentrations between March and June 2007, two monitoring wells had detectable levels of benzene in June 2007 that did not have detections of benzene during the previous sampling round in March 2007. Benzene was not detected in monitoring wells BC-8B and PL-201A in March 2007, but had benzene concentrations of 1.1 µg/L and 1.6 µg/L, respectively, in June 2007. The most significant decrease in benzene concentration was observed in monitoring well ASE-115A, located near the Area 2 fuel farm, which decreased from 4,100 µg/L in March 2007 to 2,400 µg/L in June 2007. The benzene concentrations in monitoring well ASE-20A and ASE-46A decreased from 6.7 µg/L and 5.6 µg/L, respectively, in March 2007 to 4.7 µg/L and 4.4 µg/L, respectively, in June 2007, below the MCL of 5 µg/L.

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 ASE-20A, PL-2101, ASE-66A, and ASE-54A to the northwest and by monitoring wells ASE-127A and BC-7A to the southeast, as illustrated in Figure 2-4. The downgradient (south-southwest) extent of benzene

exceeding the MCL is delineated by monitoring wells ASE-58A, ASE-46A, PL-201A, ASE-62A, ASE-65A, ASE-126A, ASE-97A, BC-8B, ASE-95A, 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 in Figure 2-4.

2.2.3 Ethylbenzene

Ethylbenzene was detected in groundwater below the eastern portion of the Honeywell facility in June 2007. Ethylbenzene was not detected in samples collected from monitoring wells located on PSHIA property in June 2007. Consistent with the benzene data for June 2007, the maximum concentration of ethylbenzene in June 2007 occurred in monitoring well ASE-63A (720 µg/L), as shown in Figure 2-5. This concentration exceeded the USEPA MCL for ethylbenzene of 700 µg/L, but was lower than the previous quarter's maximum of 910 µg/L, which also occurred in monitoring well ASE-63A (CH2M HILL, 2007a). Also consistent with the benzene data from June 2007, the highest ethylbenzene concentrations in June 2007 occurred in monitoring wells associated with the Area 2 fuel farm (ASE-63A, 720 µg/L; ASE-115A, 660 µg/L; ASE-116A, 260 µg/L; ASE-38A, 200 µg/L). Concentrations of ethylbenzene exceeding its MCL were limited to one monitoring well (ASE-63A) located at the Honeywell facility in June 2007, as shown in Figure 2-5. Prior to June 2007, concentrations of ethylbenzene were observed above its MCL in samples collected from monitoring wells ASE-63A (730 µg/L in September 2005, 860 µg/L in December 2005, and 910 µg/L in March 2007), ASE-115A (720 µg/L in September 2006), and ASE-116A (810 µg/L in March 2007). These monitoring wells are all located adjacent to the Area 2 fuel farm.

In general, the June 2007 ethylbenzene concentrations were slightly lower than those in March 2007, with some minor increases observed in monitoring wells on the Honeywell facility. The largest increase in ethylbenzene concentration was observed in monitoring well ASE-115A, located near the Area 2 fuel farm, which increased from 630 µg/L in March 2007 to 660 µg/L in June 2007. The most significant decrease in ethylbenzene concentration was observed in monitoring well ASE-116A, also located near the Area 2 fuel farm, which decreased from 810 µg/L in March 2007 to 260 µg/L in June 2007. The ethylbenzene concentrations in monitoring wells ASE-99A and ASE-112A decreased from 2 µg/L and 2.8 µg/L, respectively, in March 2007, to below detectable levels in June 2007.

Given the south-southwesterly direction of groundwater flow in the area, the extent of ethylbenzene concentrations exceeding the MCL is delineated in all directions. The upgradient (northeast) extent is delineated by monitoring wells ASE-39A, ASE-37A, ASE-38A, and PL-101A. The cross-gradient extent is delineated by monitoring wells ASE-57A and ASE-41A to the northwest and by monitoring wells ASE-127A and BC-7A to the southeast, as illustrated in Figure 2-5. The downgradient (south-southwest) extent of ethylbenzene exceeding the MCL is delineated by monitoring wells ASE-46A, ASE-108A, PL-105A, ASE-91A, ASE-92A, and ASE-64A (Figure 2-5). Additional monitoring wells downgradient of the Honeywell facility did not contain detectable levels of ethylbenzene, as indicated in Figure 2-5.

2.2.4 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 PSHIA property in June 2007. The maximum concentration of MTBE in June 2007 occurred in monitoring well ASE-92A (600 µg/L), located just north of the PSHIA property, as shown in Figure 2-6. This concentration was lower than the March 2007 maximum MTBE concentration of 700 µg/L, detected in monitoring well ASE-89A, but is consistent with the historical MTBE concentrations in this area (CH2M HILL, 2007a). In June 2007, additional elevated (>200 µg/L) MTBE concentrations of 380 µg/L and 550 µg/L were detected on the Honeywell facility south of the Area 2 fuel farm in monitoring wells ASE-39A and ASE-115A, respectively. In December 2006, adjacent monitoring well ASE-63A (400 µg/L) also had an MTBE concentration >200 µg/L; however, in March 2007 and June 2007, the samples collected from this well had elevated minimum reporting limits (MRLs) of 500 µg/L and 670 µg/L, respectively (CH2M HILL, 2007a-b). Monitoring wells ASE-89A, ASE-90A, and ASE-96A, located on PSHIA property, also had elevated (>200 µg/L) MTBE concentrations of 440 µg/L, 400 µg/L, and 510 µg/L, respectively, in June 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 PSHIA, as shown in Figure 2-6.

Concentrations of MTBE in June 2007 increased slightly from the previous quarter in the majority of monitoring wells located on the Honeywell facility and PSHIA property. The area that exceeded the Tier 1 remedial level of 94 µg/L remained similar to the previous quarter, with slight contour adjustments resulting from increases in MTBE concentrations in monitoring wells ASE-57A (91µg/L in December 2006 to 180 µg/L in June 2007) and ASE-95A (82J µg/L in March 2007 to 100 µg/L in June 2007) and from the decrease in MTBE concentration in monitoring well ASE-106A (210J µg/L in March 2007 to 33 µg/L in June 2007) (CH2M HILL, 2007a-b).

In June 2007, MTBE was detected in three monitoring wells (ASE-53A, 24 µg/L; ASE-97A, 5.5 µg/L; ASE-126A, 8 µg/L) that did not have detectable concentrations of MTBE and did not have elevated MRLs during the previous sampling round. Consequently, the extent of the June 2007 MTBE plume was expanded slightly to the west in the vicinity of monitoring wells ASE-97A and ASE-126A, as shown in Figure 2-6.

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-51A, 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, ASE-38A, PL-101A, ASE-127A, BC-7A, and ASE-64A to the southeast. 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-125A, ASE-103A, ASE-124A, ASE-100, ASE-101A, ASE-106A, ASE-107A, and ASE-113A (Figure 2-6). Additional monitoring wells downgradient of the Honeywell facility did not contain detectable levels of MTBE.

Based on the June 2007 data, the extent of the MTBE plume on PSHIA property was delineated to ADEQ's investigative level of 20 µg/L by monitoring wells ASE-97A, ASE-126A, ASE-125A, ASE-103A, 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.

2.2.5 Naphthalene

Naphthalene was detected in groundwater throughout the eastern portion of the Honeywell facility and beneath PSHIA property, as shown in Figure 2-7. This distribution was generally consistent with the extent of the free-product pool, although the naphthalene plume extended further west in June 2007. The maximum concentration of naphthalene in June 2007 occurred in monitoring well ASE-57A (420 µg/L), located in the parking lot southwest (downgradient) of the original Area 2 fuel farm (southwest corner of Building 230), as shown in Figure 2-7. The concentration of naphthalene in monitoring wells ASE-51A, ASE-57A, and ASE-116A decreased from 360 J µg/L, 470 µg/L, and 500 µg/L, respectively, in March 2007, to 280 µg/L, 420 µg/L, and 22 µg/L, respectively, in June 2007, thus reducing the area where the naphthalene concentrations exceeded the health-based guidance level of 280 µg/L. The concentration of naphthalene in monitoring well ASE-56A increased slightly from 260 µg/L in March 2007 to 270 µg/L in June 2007; this resulted in a small westward shift of the contour illustrating the extent of naphthalene concentrations exceeding the health-based guidance level. Other detectable concentrations of naphthalene in June 2007 ranged from 2.8 µg/L (ASE-53A) to 210 µg/L (ASE-115A).

Naphthalene was detected in two monitoring wells in June 2007 that did not have naphthalene detections during the previous sampling round (ASE-66A, 3.3 µg/L; and ASE-126A, 4.1 µg/L). Consequently, the contour illustrating the extent of naphthalene detections for June 2007 was extended just beyond these monitoring wells, as shown in Figure 2-7. Naphthalene was not detected in five monitoring wells in June 2007 that had detectable levels of naphthalene during the previous sampling round (ASE-62A, ASE-65A, ASE-99A, ASE-102A, and ASE-113A). As a result, the contour in Figure 2-7, illustrating the extent of naphthalene detections for June 2007, does not extend as far west on the Honeywell facility, nor does it extend as far south and southeast on PSHIA property as compared to the March 2007 naphthalene extent (CH2M HILL, 2007a). Figure 2-7 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.

2.2.6 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 June 2007 at concentrations generally less than the previous quarter. The maximum TRPH concentration in June 2007 was 4,700 µg/L in monitoring well ASE-57A, as shown in Figure 2-8. This was a decrease from the maximum TRPH concentration of 17,000 µg/L detected in monitoring well ASE-51A in March 2007 (CH2M HILL, 2007a). The TRPH concentration in monitoring well ASE-51A decreased from 17,000 µg/L in March 2007 to 3,900 µg/L in June 2007, while the TRPH concentration in monitoring well ASE-55A increased from 1,400 µg/L in March 2007 to 4,000 µg/L in June 2007. TRPH concentrations exceeding 1,000 µg/L were detected

in seven monitoring wells in June 2007, with five of the seven wells located on the Honeywell facility. Unlike the benzene and ethylbenzene distributions, 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 in Figure 2-8. Fifteen of the 26 monitoring wells located on PSHIA property did not contain detectable levels of TRPH in June 2007.

Four monitoring wells that contained detectable levels of TRPH compounds during the March 2007 sampling round did not have detections of TRPH compounds in June 2007 (ASE-111A, ASE-127A, ASE-128A, and PL-2101). Conversely, TRPH compounds were detected in six monitoring wells in June 2007 that did not have detectable levels in March 2007 (ASE-62A, 65J; ASE-65A, 54J; ASE-66A, 54J; ASE-97A, 50J; ASE-126A, 94J; PL-201A, 72J). Five of these six monitoring wells are located in the western portion of the area associated with the CAP, in the vicinity of the boundary between the Honeywell facility and PSHIA property.

SECTION 3.0

Site Remediation Activities

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

3.1 Free-product Recovery

During second 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 15 gallons of free product, including 13 gallons from monitoring well ASE-67A, were recovered during second quarter 2007, as indicated in Table 3-1. This compares to the approximate 21 gallons recovered during the first quarter 2007, 23 gallons recovered during fourth quarter 2006, 23 gallons recovered during third quarter 2006, and 62 gallons recovered during second quarter 2006 (CH2M HILL, 2007a). Approximately 7,224 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

On May 31, 2007, the Maricopa County Air Quality Department (MCAQD) held a public hearing on the draft BSVE air permit. Verbal comments were accepted during the public hearing, and written comments were received up until 5:00 p.m. on June 6, 2007. During the month of June, MCAQD and their permitting consultant, Kleinfelder, began preparation of a Responsiveness Summary Report to respond to comments received during the public comment period. Based on available information received from MCAQD and Kleinfelder, the approximate timeline for issuing a final air permit is the third quarter 2007. This includes time for:

- Sending the Responsiveness Summary Report to USEPA.
- Revision of the draft permit, if necessary, to address public comments.
- USEPA review of the draft permit and Responsiveness Summary Report.

Upon issuance of the final air permit, Honeywell will issue a contract to 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 PSHIA subsurface utility vaults on June 18, 2007 and 47 Honeywell subsurface utility vaults on June 19, 2007. Results from this monitoring event indicated that methane concentrations and %LEL in both the PSHIA 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 PSHIA and Honeywell subsurface utility vaults is anticipated to be in September 2007. Table 3-2 presents the second quarter 2007 subsurface utility vault air field parameter measurements. Figure 3-1 presents the location of PSHIA and Honeywell subsurface utility vaults and soil vapor monitoring wells.

As presented in the First Quarter Status Report for 2007 (CH2M HILL, 2007a), Honeywell conducted air extraction tests at 14 monitoring wells between March 7 and March 13, 2007, to support BSVE design activities. The data collected during the air extraction tests are presented in Table 3-3. Figure 3-1 presents monitoring well locations where the air extraction well tests were conducted.

Beginning in second quarter 2007, Honeywell began monitoring soil vapor field parameters, including O_2, CO_2, methane, and %LEL from five monitoring well locations (ASE-105A, ASE-112A, ASE-113A, ASE-114A, and BC-8B) on PSHIA property. Soil vapor field parameters from these monitoring wells were previously monitored by the City of Phoenix. Table 3-4 presents the soil vapor field parameters collected from these wells. Figure 3-1 presents the locations for the monitored wells.

3.2.3 Vapor Monitoring Program

On June 19 and 23, 2007, a second round of USEPA Method TO-15 vault air sampling was conducted at five subsurface vault locations in accordance with the *Final Field Sampling Plan for PSHIA Subsurface Utility Vaults for Baseline Air Sampling Using EPA Method TO-15* (CH2M HILL, 2006b) and as agreed upon between Honeywell and the City of Phoenix on March 7, 2007. The purpose of the second round of vault air sampling was to confirm the first round sampling results. Figure 3-2 presents the subsurface utility vaults selected for sampling during the second round of USEPA Method TO-15 vault air sampling.

Table 3-5 presents a summary of the compounds detected during this sampling event. 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 in each of the five subsurface utility vaults that were sampled. The vault air action levels are risk-based concentrations that are derived based on the

conservative assumption that an individual worker spends 8 hours a day in a vault 12 times a year for 25 years. Although acrolein is not a constituent of jet fuel, it is commonly found in jet engine and diesel exhaust and is considered a breakdown product of burning tobacco or burning of fuels. Acrolein was also found in the two ambient air samples (Ambient-05 and Ambient-06) at concentrations that exceed the vault air action levels. Additionally, the acrolein concentrations found in the vaults located directly south of the Honeywell facility (ELE-VLT-06, ELE-VLT-11, ELE-VLT-12, and ELE-VLT-17) were below the acrolein concentrations found in the ambient air sample (Ambient-05) collected in the vicinity to represent background air concentrations. Acrolein was also detected in vault HH-FN-4, which is located south of the PSHIA terminal and south runway. The acrolein concentration in vault HH-FN-4 exceeded the acrolein vault action level and was above the ambient concentration found in the ambient air sample (Ambient-06) collected in the vicinity of HH-FN-4 to represent background air concentrations.

SECTION 4.0

Summary of Planned Work

Activities planned between July 2007 and September 2007 include:

- Conducting the third quarter groundwater sampling event for 2007 (tentatively scheduled for September 10 through September 21, 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, 2005).
- Continuing to work with MCAQD and Kleinfelder 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 PSHIA and Honeywell subsurface utility vaults (September 2007).
- Conducting quarterly soil-vapor field parameter monitoring at monitoring wells ASE-105A, ASE-112A, ASE-113A, ASE-114A, and BC-8B (September 2007).

SECTION 5.0

Summary of Problems and Delays

A water-level measurement and groundwater sample were not collected from monitoring well BC-18 during the June 2007 sampling event because this well was dry (monitoring well BC-18 has been dry since December 2001). A groundwater sample was not collected from monitoring well ASE-19A in June 2007 due to access issues. This monitoring well was also not sampled in March 2007 because there was an insufficient 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 in June 2007 due to the ongoing operation of an automated free-product skimmer system in the well.

The BSVE air permit public hearing was initially scheduled for April 19, 2007. Subsequent to issuing the public notices for the draft permit and public hearing, it was determined that MCAQD requirements were not met for the notices. Therefore, a cancellation notice was issued for the April 19, 2007 public hearing, and the hearing was rescheduled for May 31, 2007.

SECTION 6.0

Status of Deliverables

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

- On May 23, 2007, CH2M HILL, on behalf of Honeywell, submitted to ADEQ, the *First Quarter Status Report for 2007, Honeywell 34th Street Facility, Facility ID No. 0-002227, LUST File Nos. 0393.02-.10, .15-.17.*
- On May 15, 2007, Honeywell submitted to ADEQ a technical memorandum titled, *Evaluation of Well Dilution Effects, Honeywell 34th Street Facility and Phoenix Sky Harbor International Airport, Phoenix, Arizona.*
- On April 30, 2007, CH2M HILL, on behalf of Honeywell, submitted to ADEQ a courtesy copy of the BSVE design package that was submitted to the City of Phoenix Development Services Department and the Aviation Department's Tenant Improvement group. This package was composed of design drawings, specifications, and Tenant Improvement Plan.
- 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 PSHIA 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 Soil Vapor Monitoring Plan for soil vapor monitoring to be implemented prior to the construction and startup of the BSVE system and will submit this report to ADEQ in the third quarter 2007.
- Honeywell is in the process of responding to comments received on the design of the BSVE system on the Honeywell facility from the Development Services Department and the Aviation Department's Tenant Improvement group. Once Development Services Department and Tenant Improvement comments have been incorporated, the design will be finalized, and ADEQ will be provided with a copy of the final design package during the third quarter 2007.
- *Third 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 November 29, 2007.

SECTION 7.0

References

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Tables

TABLE 2-1
Summary of Detected Analytical Results for Groundwater Quality Samples, Second Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample Date	DCA	DCE	124TMBZ	135TMBZ	2BTNE	BZ	BBZ	CET	CIS12DCE	EBZ	IPBZ	MTBE	NAPH	n-PBZ	TPH-C10C28	p-IPT	s-BBZ	PCE	TPH-C10C32	TCE	VC	XYL
ASE-20A	6/19/2007	34	<2	3.2	<2	<10	4.7	<5	5.8	<2	28	12	15	7.4	6.5	460	<2	7.1	<1	460	1.7	12	<10
ASE-37A	6/15/2007	<2	<2	27	5.4	<10	99	<5	<5	<2	28	14	27	11J	9.9	150	<2	<5	<1	150	2	<1	12
ASE-38A	6/20/2007	<8	<8	15	<8	<40	830	<20	<20	<8	200	24	77	51	17	270	<8	<20	<4	270	<4	<4	<40
ASE-39A	6/20/2007	<5.3	<5.3	6.7	<5.3	<27	490	<13	<13	<5.3	120	31	380	36	16	180	<5.3	<13	<2.7	180	<2.7	<2.7	<27
ASE-41A	6/18/2007	15	<2	9.6	<2	59	85	<5	<5	4.8	40	12	24	160	13	3700	2.9	6.5	<1	3700	1.1	4.4	<10
ASE-46A	6/11/2007	92	<2	<2	<2	<10	4.4	<5	30	3.5	<2	3	45	<2	<2	160	<2	<5	<1	170	1.4	14	<10
ASE-51A	6/19/2007	11	<4	57	9.5	<20	100	17	<10	<4	110	27	14	280	31	3900	5.8	22	<2	3900	<2	<2	44
ASE-52A	6/19/2007	11	<4	32	<4	<20	190	<10	<10	<4	36	6.3	62	40	6	410	<4	<10	<2	410	7.8	<2	37
ASE-53A	6/19/2007	<2	<2	<2	<2	<10	25	<5	<5	<2	<2	<2	24	2.8	<2	74J	<2	<5	1.4	75J	2.9	<1	<10
ASE-54A	6/11/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	<1	<100	<1	<1	<10
ASE-55A	6/18/2007	16	<2	<2	<2	<10	8	<5	<5	<2	<2	10	6.4	48	10	4000	<2	7.5	<1	4000	<1	1.5	<10
ASE-56A	6/19/2007	64	<8	41	<8	<40	530	<20	<20	<8	38	41	34	270	49	1800	<8	<20	<4	1800	<4	13	<40
ASE-57A	6/19/2007	7.9	<4	5.5	<4	<20	450	<10	<10	<4	27	48	180	420	54	4700	<4	17	<2	4700	<2	4.9	<20
ASE-58A	6/11/2007	10	<2	<2	<2	<10	1	<5	<5	<2	<2	<2	<5	<2	<2	41J	<2	<5	<1	46J	<1	1.6	<10
ASE-59A	6/15/2007	42	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	1.2	<100	6.1	<1	<10
ASE-60A	6/15/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	1.7	<100	14	<1	<10
ASE-61A	6/15/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	2.2	<100	1.4	<1	<10
ASE-62A	6/18/2007	12	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	62J	<2	<5	<1	65J	1.2	1.2	<10
ASE-63A	6/20/2007	<10	<10	<10	<10	<50	3700	<25	<25	<10	720	78	<670	150	57	530	<10	<25	<5	540	<5	<5	<50
ASE-64A	6/20/2007	<4	<4	30	<4	<20	25	<10	<10	<4	180	55	<10	37	24	520	<4	<10	<2	520	<2	<2	130
ASE-65A	6/18/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	54J	<2	<5	<1	54J	4.5	<1	<10
ASE-66A	6/19/2007	9.4	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	8.7	3.3	<2	53J	<2	<5	<1	54J	2.2	<1	<10
ASE-68A	6/19/2007	23	<2	<2	<2	<10	6.9	<5	<5	13	<2	<2	150	3.7	<2	280	<2	<5	<1	280	6.5	18	<10
ASE-89A	6/12/2007	<4	<4	<4	<4	<20	560	<10	<10	<4	<4	38	440	47	46	2800	<4	20	<2	2800	<2	<2	<20
ASE-90A	6/13/2007	9.3	<2	<2	<2	<10	110	5.4	5.1	<2	<2	29	400	160	34	2600	<2	10	<1	2600	<1	2.2	<10
ASE-91A	6/18/2007	82	<2	<2	<2	<10	100	<5	26	<2	<2	28	85	140	23	980	<2	9.4	<1	980	<1	7.2	<10
ASE-92A	6/18/2007	4.8	<4	<4	<4	<20	65	<10	<10	<4	<4	<4	600	26	<4	720	<4	<10	<2	720	<2	2	<20
ASE-95A	6/12/2007	2.6	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	100	<2	<2	39J	<2	<5	<1	42J	<1	<1	<10
ASE-96A	6/12/2007	<4	<4	<4	<4	<20	<2	<10	<10	<4	<4	<4	510	<4	<4	55J	<4	<10	<2	64J	<2	<2	<20
ASE-97A	6/13/2007	23	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	5.5	<2	<2	49J	<2	<5	<1	50J	<1	1.7	<10
ASE-98A	6/14/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	<1	<100	<1	<1	<10
ASE-99A	6/13/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	<1	<100	<1	<1	<10
ASE-100A	6/14/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	<1	<100	<1	<1	<10
ASE-101A	6/14/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	9.5	<2	<2	<100	<2	<5	<1	<100	<1	<1	<10
ASE-102A	6/14/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	100	<2	<5	<1	110	<1	<1	<10
ASE-103A	6/14/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	<1	<100	<1	<1	<10
ASE-105A	6/13/2007	<2	<2	<2	<2	<10	18	<5	<5	<2	<2	5.4	6.9	2.9	<2	88J	<2	<5	<1	90J	<1	<1	<10
ASE-106A	6/12/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	33	<2	<2	<100	<2	<5	<1	<100	<1	<1	<10
ASE-107A	6/12/2007	<2	<2	<2	<2	<10	9.2	<5	<5	<2	<2	6	6.2	7.5	4.3	320	<2	<5	<1	320	<1	<1	<10

TABLE 2-1
Summary of Detected Analytical Results for Groundwater Quality Samples, Second Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample Date	DCA	DCE	124TMBZ	135TMBZ	2BTNE	BZ	BBZ	CET	CIS12DCE	EBZ	IPBZ	MTBE	NAPH	n-PBZ	TPH-C10C28	p-IPT	s-BBZ	PCE	TPH-C10C32	TCE	VC	XYL
ASE-108A	6/18/2007	33	2	<2	<2	<10	9.3	<5	<5	<2	<2	3.6	8.8	14	2.4	340	<2	<5	<1	340	1.5	5	<10
ASE-109A	6/14/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	<1	<100	<1	<1	<10
ASE-110A	6/14/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	<1	<100	<1	<1	<10
ASE-111A	6/20/2007	<2	<2	16	3.6	<10	120	<5	<5	<2	28	3.8	46	5.1	3.3	<100	<2	<5	2.2	<100	1.5	<1	56
ASE-112A	6/13/2007	<2	<2	<2	<2	<10	4.7	<5	<5	<2	<2	4.3	<5	4.1	2.5	580	<2	<5	<1	580	<1	<1	<10
ASE-113A	6/12/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	37J	<2	<5	<1	42J	<1	<1	<10
ASE-114A	6/12/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	1	<100	<1	<1	<10
ASE-115A	6/20/2007	<10	<10	14	<10	<50	2400	<25	<25	<10	660	63	550	210	61	910	<10	<25	<5	910	<5	<5	<50
ASE-116A	6/20/2007	<4	<4	<4	<4	<20	770	<10	<10	<4	260	37	190	22	30	130	<4	<10	<2	130	4.4	<2	<20
ASE-122A	6/13/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	<1	<100	<1	<1	<10
ASE-123A	6/14/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	<1	<100	<1	<1	<10
ASE-124A	6/12/2007	2.5	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	38	<2	<2	<100	<2	<5	<1	<100	<1	<1	<10
ASE-125A	6/12/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	<1	<100	<1	<1	<10
ASE-126A	6/13/2007	20	4.2	3	<2	<10	<1	<5	<5	<2	<2	2.1	8	4.1	<2	93J	<2	<5	<1	94J	1.1	1.8	<10
ASE-127A	6/15/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	1.1	<100	<1	<1	<10
ASE-128A	6/12/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	<1	<100	<1	<1	<10
BC-7A	6/15/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	1.7	<100	<1	<1	<10
BC-8B	6/13/2007	22	2.3	<2	<2	<10	1.1	<5	<5	2.8	<2	<2	30	<2	<2	<100	<2	<5	<1	<100	<1	2.5	<10
PL-101A	6/15/2007	<2	<2	12	<2	<10	130	5.7	<5	<2	140	48	14	150J	37	580	2	13	<1	580	<1	<1	<10
PL-105A	6/18/2007	64	<2	<2	<2	<10	13	<5	8.8	<2	<2	6.6	9.5	38	4.3	740	<2	5.3	<1	740	<1	9.1	<10
PL-201A	6/11/2007	36	<2	<2	<2	<10	1.6	<5	<5	<2	<2	<2	<5	<2	<2	68J	<2	<5	<1	72J	<1	4.7	<10
PL-2101	6/11/2007	16	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	<1	<100	<1	12	<10
PL-2102	6/11/2007	<2	<2	<2	<2	<10	<1	<5	<5	<2	<2	<2	<5	<2	<2	<100	<2	<5	<1	<100	<1	<1	<10

Notes:

DCA =1,1-Dichloroethane
DCE =1,1-Dichloroethene
124TMBZ =1,2,4-Trimethylbenzene
135TMBZ =1,3,5-Trimethylbenzene
2BTNE =2-Butanone
BZ =Benzene
BBZ =Butylbenzene
CET =Chloroethane
C12DCE =cis-1,2-Dichloroethene
EBZ =Ethylbenzene
IPBZ =Isopropylbenzene
MTBE =Methyl tert-butyl ether
NAPH =Naphthalene
n-PBZ =n-Propylbenzene
TPH-C10C28 =Total Petroleum Hydrocarbons, Carbon Range C10-C28
p-IPT =p-Isopropyltoluene
s-BBZ =sec-Butylbenzene
PCE =Tetrachloroethene
TPH-C10C32 =Total Petroleum Hydrocarbons, Carbon Range C10-C32
TCE =Trichloroethene
VC =Vinyl chloride
XYL =Total Xylenes

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

	Free-product Thickness (feet)					
Well	**4-Apr**	**18-Apr**	**3-May**	**22-May**	**6-Jun**	**19-Jun**
ASE-19A	0.05	NM	0.12	NM	0	NM
ASE-20A	0	NM	0	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	NM	0	NM	0	NM
ASE-51A	0.04	NM	0.09	NM	0.09	NM
ASE-52A	0	NM	0.02	NM	0	NM
ASE-53A	0	NM	0	NM	0	NM
ASE-55A	0	NM	0	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	NM	0	NM	0	NM
ASE-89A	0.11[a]	0.10	0.03	0.03	0.02	0.03
ASE-90A	0	NM	0	NM	0	NM
ASE-91A	0.03	NM	0.03	NM	0.03	NM
ASE-92A	0	NM	0	NM	0	NM
ASE-96A	0	NM	0	NM	0	NM
ASE-102A	0.08	NM	0	NM	0.08	NM
ASE-107A	0.90[a]	0.31	0.42	0.94	0.61	1.17
ASE-111A	0.15	0.05	0.10	0.19	0.06	0.11
ASE-113A	0	NM	0	NM	0	NM
ASE-114A	0	NM	0	NM	0	NM
ASE-115A	0	NM	0.04	NM	0.02	NM
PL-101A	0	NM	0	NM	0	NM
PL-105A	0	NM	0	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 2-3.

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 April 5, 2007.

TABLE 2-3
Summary of Free-product Thickness Measurements for Monitoring Well ASE-67A, Second Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Date	Free-product Thickness (feet)
04/04/07	0.16
04/09/07	0.16
04/16/07	0.39
04/27/07	0.13
05/02/07	0.24
05/08/07	0.17
05/18/07	0.16
05/24/07	0.20
05/29/07	0.16
06/05/07	0.16
06/11/07	0.17
06/19/07	0.12
06/29/07	0.14

TABLE 2-4
Comparison between March 2007 and June 2007 Water-level Elevations, Second Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

	Groundwater Elevation		
Location ID	**03/06/07 (ft amsl)**	**06/06/07 (ft amsl)**	**Difference (feet)**
ASE-19A	1054.20	1053.45	-0.75
ASE-20A	1052.68	1052.20	-0.48
ASE-37A	1057.12	1057.08	-0.04
ASE-38A	1057.46	1057.35	-0.11
ASE-39A	1056.81	1056.63	-0.18
ASE-41A	1051.70	1051.65	-0.05
ASE-46A	1050.48	1050.30	-0.18
ASE-51A	1055.10	1054.40	-0.70
ASE-52A	1056.99	1056.48	-0.51
ASE-53A	1057.46	1057.14	-0.32
ASE-54A	1052.36	1051.66	-0.70
ASE-55A	1047.59	1047.99	0.40
ASE-56A	1051.63	1052.23	0.60
ASE-57A	1052.93	1052.69	-0.24
ASE-58A	1050.57	1050.13	-0.44
ASE-59A	1057.48	1056.82	-0.66
ASE-60A	1058.32	1057.85	-0.47
ASE-61A	1058.74	1058.35	-0.39
ASE-62A	1048.28	1048.26	-0.02
ASE-63A	1055.61	1055.58	-0.03
ASE-64A	1050.65	1051.44	0.79
ASE-65A	1036.46	1037.82	1.36
ASE-66A	1053.46	1052.72	-0.74
ASE-67A*	1057.00	1056.59	-0.41
ASE-68A	1052.99	1052.52	-0.47
ASE-89A	1049.26	1050.42	1.16
ASE-90A	1047.90	1049.27	1.37
ASE-91A	1049.03	1049.74	0.71
ASE-92A	1049.53	1050.23	0.70

TABLE 2-4
Comparison between March 2007 and June 2007 Water-level Elevations, Second Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Groundwater Elevation 03/06/07 (ft amsl)	Groundwater Elevation 06/06/07 (ft amsl)	Difference (feet)
ASE-95A	1037.91	1039.50	1.59
ASE-96A	1046.95	1048.52	1.57
ASE-97A	1037.93	1039.28	1.35
ASE-98A	1041.85	1043.75	1.90
ASE-99A	1043.67	1045.58	1.91
ASE-100A	1038.75	1040.48	1.73
ASE-101A	1041.97	1043.74	1.77
ASE-102A	1045.40	1047.22	1.82
ASE-103A	1036.95	1038.63	1.68
ASE-105A	1049.46	1050.87	1.41
ASE-106A	1046.82	1048.50	1.68
ASE-107A	1048.09	1049.88	1.79
ASE-108A	1048.03	1048.50	0.47
ASE-109A	1049.20	1051.06	1.86
ASE-110A	1047.48	1049.39	1.91
ASE-111A	1057.66	1057.42	-0.24
ASE-112A	1049.57	1051.07	1.50
ASE-113A	1049.52	1051.38	1.86
ASE-114A	1048.73	1050.50	1.77
ASE-115A	1057.73	1057.54	-0.19
ASE-116A	1057.50	1057.24	-0.26
ASE-122A	1050.36	1052.21	1.85
ASE-123A	1050.64	1052.52	1.88
ASE-124A	1038.36	1040.01	1.65
ASE-125A	1034.46	1036.06	1.60
ASE-126A	1036.37	1037.84	1.47
ASE-127A	1055.17	1055.39	0.22
ASE-128A	1041.97	1043.87	1.90
BC-7A	1055.76	1056.30	0.54
BC-8B	1047.59	1048.55	0.96
PL-101A	1057.54	1057.53	-0.01

TABLE 2-4
Comparison between March 2007 and June 2007 Water-level Elevations, Second Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

	Groundwater Elevation		
Location ID	**03/06/07 (ft amsl)**	**06/06/07 (ft amsl)**	**Difference (feet)**
PL-105A	1048.29	1048.84	0.55
PL-201A	1049.58	1049.25	-0.33
PL-2101	1052.74	1052.05	-0.69
PL-2102	1052.58	1051.74	-0.84

Notes:

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

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

ft amsl = feet above mean sea level.

TABLE 3-1
Summary of Free-product Recovery, Second Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Well	Gallons Recovered during Second Quarter 2007	Total Gallons Recovered via Skimming through Second 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	13.0	327.5
ASE-68A	0	74.7
ASE-89A	0.2	139.3
ASE-90A	0	6.7
ASE-91A	0	0
ASE-92A	0	0
ASE-96A	0	1
ASE-102A	0	146.5
ASE-107A	1.3	8.2
ASE-111A	0.25	4.45
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	**14.75**	**7,223.57**

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, Second Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Date	Time	Carbon Dioxide-WO (% V/V)	Methane-WO (% V/V)	Oxygen-WO (% V/V)	LEL-WO (% V/V)
ELE-VLT-01	06/18/07	11:03	20.6	0.0	0.00	0.00
ELE-VLT-02	06/18/07	11:05	20.7	0.0	0.00	0.00
ELE-VLT-03	06/18/07	11:11	20.1	0.1	0.00	0.00
ELE-VLT-04	06/18/07	11:13	20.4	0.0	0.00	0.00
ELE-VLT-05	06/18/07	11:15	20.4	0.0	0.00	0.00
ELE-VLT-06	06/18/07	11:22	20.9	0.0	0.00	0.00
ELE-VLT-07	06/18/07	11:43	20.8	0.0	0.00	0.00
ELE-VLT-08	06/18/07	11:18	20.2	0.0	0.00	0.00
ELE-VLT-09	06/18/07	11:17	20.3	0.0	0.00	0.00
ELE-VLT-10	06/18/07	11:21	20.0	0.0	0.00	0.00
FBO-VLT-01	06/18/07	11:06	20.3	0.1	0.00	0.00
FBO-VLT-02	06/18/07	11:10	20.3	0.0	0.00	0.00
FBO-VLT-03	06/18/07	11:20	19.8	0.0	0.00	0.00
VLT-1093	06/19/07	15:39	10.6	5.6	0.00	0.00
VLT-1094	06/19/07	15:37	19.2	0.3	0.00	0.00
VLT-1095	06/19/07	15:36	19.5	0.4	0.00	0.00
VLT-1100	06/19/07	15:35	20.9	0.0	0.00	0.00
VLT-1115	06/19/07	15:33	20.4	0.1	0.00	0.00
VLT-1134	06/19/07	15:28	20.8	0.0	0.00	0.00
VLT-1135	06/19/07	15:27	20.6	0.0	0.00	0.00
VLT-1141	06/19/07	15:32	20.7	0.0	0.00	0.00
VLT-1142	06/19/07	15:31	20.9	0.0	0.00	0.00
VLT-1143	06/19/07	15:30	20.9	0.0	0.00	0.00
VLT-1144	06/19/07	15:29	20.8	0.0	0.00	0.00
VLT-1149	06/19/07	15:26	21.0	0.0	0.00	0.00
VLT-1150	06/19/07	15:25	21.0	0.0	0.00	0.00
VLT-1153	06/19/07	15:23	20.8	0.0	0.00	0.00
VLT-1154	06/19/07	15:22	20.7	0.0	0.00	0.00
VLT-1155	06/19/07	15:21	20.8	0.0	0.00	0.00
VLT-1156	06/19/07	15:20	20.6	0.2	0.00	0.00
VLT-1164	06/19/07	15:18	15.6	3.1	0.00	0.00
VLT-1165	06/19/07	15:19	20.4	0.0	0.00	0.00
VLT-1269	06/19/07	15:16	20.9	0.0	0.00	0.00
VLT-1270	06/19/07	15:15	20.3	0.0	0.00	0.00
VLT-2007	06/19/07	16:18	20.9	0.0	0.00	0.00

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

Location ID	Date	Time	Carbon Dioxide-WO (% V/V)	Methane-WO (% V/V)	Oxygen-WO (% V/V)	LEL-WO (% V/V)
VLT-2008	06/19/07	16:17	20.9	0.0	0.00	0.00
VLT-2012	06/19/07	15:50	20.5	0.0	0.00	0.00
VLT-2013	06/19/07	15:51	20.3	0.0	0.00	0.00
VLT-2032	06/19/07	16:13	20.5	0.0	0.00	0.00
VLT-2046	06/19/07	16:10	19.8	0.3	0.00	0.00
VLT-2126	06/19/07	16:08	20.9	0.0	0.00	0.00
VLT-2127	06/19/07	16:09	20.8	0.0	0.00	0.00
VLT-2145	06/19/07	16:07	20.8	0.0	0.00	0.00
VLT-2178	06/19/07	16:16	20.8	0.0	0.00	0.00
VLT-3007A	06/19/07	16:03	20.1	0.0	0.00	0.00
VLT-3007B	06/19/07	16:02	19.9	0.0	0.00	0.00
VLT-3008A	06/19/07	16:01	19.5	0.2	0.00	0.00
VLT-3008B	06/19/07	16:00	19.7	0.3	0.00	0.00
VLT-3009	06/19/07	15:59	20.7	0.0	0.00	0.00
VLT-3010A	06/19/07	16:01	20.6	0.0	0.00	0.00
VLT-3010B	06/19/07	16:02	20.5	0.0	0.00	0.00
VLT-3023	06/19/07	15:58	20.8	0.0	0.00	0.00
VLT-3053	06/19/07	16:06	20.2	0.2	0.00	0.00
VLT-551-S-1	06/19/07	15:57	20.8	0.0	0.00	0.00
VLT-B102-N-1	06/19/07	15:17	20.9	0.0	0.00	0.00
VLT-B102-N-2	06/19/07	15:43	20.6	0.0	0.00	0.00
VLT-B102-N-3	06/19/07	15:44	20.0	0.3	0.00	0.00
VLT-B102-N-4	06/19/07	15:42	18.2	1.1	0.00	0.00
VLT-B102-W-1	06/19/07	15:41	20.0	0.4	0.00	0.00
VLT-B102-W-2	06/19/07	15:40	20.7	0.0	0.00	0.00

Notes:

-WO = measurement taken without a carbon filter.
% V/V = percent volume per volume.

TABLE 3-3
Extraction Well Test Data Collected in First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Date	Time	Blower Exhaust Temperature (°F)	Depth to Water (feet bgs)	Differential Pressure (inches H2O)	FID-W (ppm)	Flow Rate (SCFM)	Soil Vapor Relative Humidity (%)	Static Gauge Pressure (inches H2O)	Wellhead Pressure (inches H2O)	Wellhead Temperature (°F)
ASE-20A	03/08/07	4:12	101.8	69.4	1.35	NR	63	17.1	20.5	19	90
ASE-20A	03/08/07	4:14	105.8	NR	4.6	NR	111	20.7	54	40	85
ASE-20A	03/08/07	4:16	109.7	NR	6.2	NR	123	22.2	83	60	84
ASE-20A	03/08/07	4:18	114	NR	6.6	NR	118	27	127	100	79
ASE-20A	03/08/07	4:20	120.1	NR	4.6	NR	108	22.4	76	60	78
ASE-20A	03/08/07	4:22	123.2	NR	3	16756	91.5	14.7	44	40	78
ASE-20A	03/08/07	4:24	122	NR	1.15	NR	58.5	12	21	20	79
ASE-39A	03/08/07	11:44	109.8	65.79	0.45	NR	36.1	12	24	26	89
ASE-39A	03/08/07	11:53	114.8	NR	0.45	NR	36.1	10.2	24	26	88
ASE-39A	03/08/07	11:54	116.1	NR	1.1	NR	55	12.2	42.5	40	88
ASE-39A	03/08/07	12:02	119.8	NR	1.05	NR	55	11.5	42.5	41	87
ASE-39A	03/08/07	12:03	121.2	NR	2.8	NR	84	14.3	75	70	86
ASE-39A	03/08/07	12:10	124.4	NR	2.7	NR	84	13.4	76	70	86
ASE-39A	03/08/07	12:17	125.2	NR	4.2	NR	95.2	17.6	122	113	80
ASE-39A	03/08/07	12:29	128.9	NR	5.4	NR	108.8	9.3	116	100	84
ASE-39A	03/08/07	12:34	NR	NR	3.5	NR	90.6	NR	96	88	84
ASE-41A	03/08/07	3:05	NR	68.68	1.85	NR	73.7	18.7	19	14	88
ASE-41A	03/08/07	3:06	NR	NR	6.9	NR	137	21.3	50	30	82
ASE-41A	03/08/07	3:08	NR	NR	16.8	NR	200	26.8	93	50	80
ASE-41A	03/08/07	3:10	NR	NR	30.5	2063	240	36.8	155	70	80
ASE-41A	03/13/07	12:54	NR	68.9	NR	NR	NR	NR	NR	NR	NR
ASE-41A	03/13/07	1:01	NR	NR	12.5	NR	168	16	109	50	81
ASE-41A	03/13/07	1:11	NR	NR	NR	NR	NR	13	109	50	80
ASE-41A	03/13/07	1:14	NR	NR	20.5	NR	208.8	15	127	55	80
ASE-41A	03/13/07	1:24	NR	NR	21	NR	211.8	13	125	56	80
ASE-41A	03/13/07	1:39	138	NR	13.5	NR	180.1	12	91	45	80
ASE-41A	03/13/07	1:45	139	NR	13	NR	176.8	12	91	44	80
ASE-41A	03/13/07	1:56	137	NR	13	NR	176.8	12	91	44	80
ASE-41A	03/13/07	2:07	141	NR	14	NR	183	12	91	44	80

TABLE 3-3
Extraction Well Test Data Collected in First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Date	Time	Blower Exhaust Temperature (°F)	Depth to Water (feet bgs)	Differential Pressure (inches H2O)	FID-W (ppm)	Flow Rate (SCFM)	Soil Vapor Relative Humidity (%)	Static Gauge Pressure (inches H2O)	Wellhead Pressure (inches H2O)	Wellhead Temperature (°F)
ASE-41A	03/13/07	2:21	139	NR	13.5	NR	180	12	91	44	80
ASE-41A	03/13/07	2:31	134	NR	13.5	NR	180	13	91	44	80
ASE-41A	03/13/07	2:41	131	NR	13.5	NR	180	15	91	44	80
ASE-46A	03/07/07	10:50	NR	69.65	NR	NR	NR	NR	NR	NR	NR
ASE-46A	03/07/07	10:54	NR	NR	1.25	2085	62	11.8	15	10	80
ASE-46A	03/07/07	11:04	NR	NR	1.35	2047	63.8	11.7	15	10	82
ASE-46A	03/07/07	11:14	NR	NR	1.35	NR	63.8	11.9	15	10	82
ASE-46A	03/07/07	11:15	NR	NR	3.6	6037	101.2	16.1	35	20	82
ASE-46A	03/07/07	11:24	NR	NR	3.9	7518	105.3	15.4	35	20	82
ASE-46A	03/07/07	11:25	NR	NR	8.8	14150	154.1	20.3	53	30	82
ASE-46A	03/07/07	11:34	NR	NR	9	14567	155.9	19.7	53	30	82
ASE-46A	03/07/07	11:35	NR	NR	17	NR	202.2	19.8	90	40	82
ASE-46A	03/07/07	12:34	NR	NR	17	NR	202.2	NR	90	40	82
ASE-46A	03/07/07	5:03	107.4	NR	25	NR	229.5	42	127	50	82
ASE-46A	03/07/07	5:11	122.5	NR	24.5	NR	227.2	28.3	127	50	82
ASE-46A	03/07/07	5:15	128.6	NR	24.5	NR	227.2	23.5	127	50	82
ASE-46A	03/07/07	5:16	129.8	NR	30	NR	240.6	24.8	149	54	82
ASE-46A	03/07/07	5:18	129.6	NR	30	NR	240.6	24.9	149	54	82
ASE-46A	03/07/07	5:31	NR	NR	25	NR	NR	NR	127	50	NR
ASE-46A	03/07/07	5:32	NR	NR	17	NR	NR	NR	90	40	NR
ASE-46A	03/07/07	5:33	NR	NR	5.8	NR	NR	NR	35	20	NR
ASE-46A	03/07/07	5:34	NR	NR	2.5	NR	NR	NR	17	12	NR
ASE-46A	03/13/07	8:23	NR	69.74	34	NR	275.6	44	113	59	78
ASE-46A	03/13/07	8:42	NR	NR	27	NR	238.1	37	130	50	78
ASE-46A	03/13/07	8:56	NR	NR	27	NR	237.9	23	119	50	79
ASE-46A	03/13/07	9:22	NR	NR	20	NR	216	25	99	40	79
ASE-46A	03/13/07	9:32	NR	NR	20	NR	216	21	99	40	80
ASE-46A	03/13/07	9:48	NR	NR	20	NR	216	20	99	40	80
ASE-46A	03/13/07	9:53	128	NR	20	NR	216	20	99	40	80

TABLE 3-3
Extraction Well Test Data Collected in First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Date	Time	Blower Exhaust Temperature (°F)	Depth to Water (feet bgs)	Differential Pressure (inches H2O)	FID-W (ppm)	Flow Rate (SCFM)	Soil Vapor Relative Humidity (%)	Static Gauge Pressure (inches H2O)	Wellhead Pressure (inches H2O)	Wellhead Temperature (°F)
ASE-46A	03/13/07	10:03	134	NR	20	NR	216	18	99	40	80
ASE-51A	03/09/07	4:04	81.5	66.58	0.75	NR	47.3	30	24	23	72
ASE-51A	03/09/07	4:06	88.8	NR	2.6	NR	84.3	32.5	54	43	74
ASE-51A	03/09/07	4:08	91.9	NR	5	NR	111.8	38.1	82	63	75
ASE-51A	03/09/07	4:10	92	NR	10.5	NR	209.8	53.6	127	90	75
ASE-51A	03/09/07	4:12	89.8	NR	16	7650	259	71.4	171	108	75
ASE-53A	03/09/07	4:39	82.7	65.85	0.3	NR	30.1	26.3	24	25	66
ASE-53A	03/09/07	4:41	89.9	NR	0.65	NR	42.9	24	44	42	70
ASE-53A	03/09/07	4:43	92.8	NR	1.1	NR	53.8	23.7	67	64	72
ASE-53A	03/09/07	4:45	96.1	NR	1.75	48500	65.5	25.2	89	86	73
ASE-53A	03/09/07	4:47	NR	NR	NR	NR	NR	NR	NR	98	NR
ASE-56A	03/09/07	5:08	NR	68.04	0.53	NR	39.9	28.7	25	25	68
ASE-56A	03/09/07	5:10	NR	NR	0.87	NR	49.5	25.3	41.5	40	78
ASE-56A	03/09/07	5:12	NR	NR	2	NR	71.8	30.9	71	65	78
ASE-56A	03/09/07	5:14	NR	NR	2.7	NR	78	36.6	110	100	78
ASE-56A	03/09/07	5:16	NR	NR	2.2	36230	74.3	26.2	79	77	78
ASE-57A	03/09/07	5:36	NR	68.43	2.2	NR	81.2	38.5	19.5	13	76
ASE-57A	03/09/07	5:38	NR	NR	10	NR	164.3	47.6	56	30	77
ASE-57A	03/09/07	5:40	NR	NR	34.5	14215	263.6	75.8	141	56	77
ASE-59A	03/09/07	3:05	NR	66.98	0.25	NR	27.4	29.5	26.5	26	66
ASE-59A	03/09/07	3:07	85.8	NR	0.53	NR	38.7	25.8	44	40	72
ASE-59A	03/09/07	3:09	95.8	NR	0.55	6054	39.1	20.2	48	50	74
ASE-59A	03/09/07	3:10	NR	NR	NR	NR	NR	NR	NR	60	NR
ASE-64A	03/08/07	2:32	105.4	69.8	0.35	NR	32	13.1	26	28	95
ASE-64A	03/08/07	2:34	115.7	NR	0.5	3110	37	11.5	39	40	94
ASE-66A	03/09/07	3:36	83.5	68.45	0.25	NR	27.4	25.7	26	27	68
ASE-66A	03/09/07	3:38	88.3	NR	0.77	NR	46.6	25.8	43	41	73
ASE-66A	03/09/07	3:40	91.5	NR	2	19425	72.5	28.9	66	61	75

TABLE 3-3
Extraction Well Test Data Collected in First Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Date	Time	Blower Exhaust Temperature (°F)	Depth to Water (feet bgs)	Differential Pressure (inches H2O)	FID-W (ppm)	Flow Rate (SCFM)	Soil Vapor Relative Humidity (%)	Static Gauge Pressure (inches H2O)	Wellhead Pressure (inches H2O)	Wellhead Temperature (°F)
ASE-66A	03/09/07	3:42	95.2	NR	2.9	NR	83.8	30.6	91	84	76
ASE-68A	03/08/07	3:48	112.9	68.89	0.2	3585	NR	9.7	24	26	88
ASE-97A	03/09/07	2:33	74.3	79.45	1.8	NR	73.5	46.6	21.5	15	73
ASE-97A	03/09/07	2:35	81.8	NR	5.9	NR	127.4	51.3	49.5	30	77
ASE-97A	03/09/07	2:37	87.7	NR	12	NR	168.9	63.9	96	50	77
ASE-97A	03/09/07	2:39	87.4	NR	30	3210	240.7	90.5	152	71	75
BV-5	03/08/07	1:54	108.7	66.77	1.75	NR	71.7	14.9	19.5	16	88
BV-5	03/08/07	1:56	115.9	NR	6.8	NR	133	18.9	62	40	88
BV-5	03/08/07	1:58	NR	NR	19	NR	NR	NR	141	40	88
BV-5	03/08/07	2:02	122.2	NR	20.5	14068	207.8	22.6	127	72	82

Notes:

bgs = below ground surface
% = percent
°F = degrees Fahrenheit
ppm = parts per million
SCFM = standard cubic feet per minute
NR = Not recorded

TABLE 3-4
PSHIA Soil Vapor Monitoring Well Field Parameter Results, Second Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Date	Time	DTW (feet bgs)	O2-WO (% V/V)	CO2-WO (% V/V)	METHANE-W (%V/V)	METHANE-WO (%V/V)	LEL-W (%V/V)	LEL-WO (%V/V)	FID-W (ppm)	FID-WO (ppm)	Comments
ASE-105A	07/04/07	03:30	69.56	---	---	---	---	---	---	---	---	Well submerged
ASE-112A	07/04/07	04:18	70.54	1.0	6.4	0.1	0.0	2.0	0.0	938	963	---
ASE-113A	06/12/07	01:09	NR	12.2	3.3	0.0	0.0	0.0	0.0	7.4	8.4	D1 - Duplicate Reading
ASE-113A	06/12/07	01:10	NR	11.9	3.3	0.0	0.0	0.0	0.0	7.8	9.2	D2 - Duplicate Reading
ASE-113A	07/04/07	05:58	71.10	8.4	4.3	0.0	0.0	0.0	0.0	13.4	13.6	---
ASE-114A	06/12/07	00:30	NR	19.8	0.3	0.0	0.0	0.0	0.0	18.8*	0.2*	FID data appears to be incorrect; Checked carbon with fresh air; Reading = 16.4 ppm
ASE-114A	06/12/07	23:50	70.27	16.9	0.8	--	--	--	--	--	--	Generator Failed
ASE-114A	07/04/07	05:34	71.06	10.8	2.3	0.0	0.0	0.0	0.0	27	28	---
BC-8B	06/13/07	02:02	69.55	0.0	10.5	0.0	0.0	0.0	0.0	715	717	Dilution 3:1

Notes:

-W = measurement taken with a carbon filter.
-WO = measurement taken without a carbon filter.
% V/V = percent volume per volume.
ppm = parts per million.
bgs = below ground surface.
NR = not recorded.
DTW = depth to water.
FID = flame ionizing detector.

TABLE 3-5
Summary of Detected TO-15 Compounds for PSHIA Subsurface Utility Vaults, Second Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
Ambient-05	Ambient-05_061807	06/18/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00055	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	1,2,4-TRIMETHYLBENZENE	0.00046	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	1,2-DICHLOROETHANE	2.1e-005	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	1,4-DICHLOROBENZENE	0.00077	ug/L	
Ambient-05	Ambient-05_061807	06/18/07	TO-15	1,4-DICHLOROBENZENE	0.00062	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	2-BUTANONE	0.0045	ug/L	
Ambient-05	Ambient-05_061807	06/18/07	TO-15	2-HEXANONE	0.00059	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	4-METHYL-2-PENTANONE	0.00024	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	ACETONE	0.017	ug/L	
Ambient-05	Ambient-05_061807	06/18/07	TO-15	ACROLEIN	0.0067	ug/L	
Ambient-05	Ambient-05_061807	06/18/07	TO-15	BENZENE	0.00043	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	BENZENE	0.00068	ug/L	
Ambient-05	Ambient-05_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.00023	ug/L	
Ambient-05	Ambient-05_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.00038	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	CHLOROETHANE	0.00015	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	CHLOROMETHANE	0.00036	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	DICHLORODIFLUOROMETHANE	0.0022	ug/L	
Ambient-05	Ambient-05_061807	06/18/07	TO-15	ETHYLBENZENE	0.00027	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	ISOPROPYLBENZENE	0.00021	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	N-PROPYLBENZENE	0.00015	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	O-XYLENE	0.00029	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.00031	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.00029	ug/L	
Ambient-05	Ambient-05_061807	06/18/07	TO-15	TOLUENE	0.0017	ug/L	
Ambient-05	Ambient-05_061807	06/18/07	TO-15	TRICHLOROETHENE	4.2e-005	ug/L	
Ambient-05	Ambient-05_061807	06/18/07	TO-15	TRICHLOROFLUOROMETHANE	0.0012	ug/L	
Ambient-05	Ambient-05_061807	06/18/07	TO-15	VINYL ACETATE	0.0035	ug/L	
Ambient-05	Ambient-05_061807	06/18/07	TO-15	VINYL CHLORIDE	9e-006	ug/L	J
Ambient-05	Ambient-05_061807	06/18/07	TO-15	XYLENES, M & P	0.00086	ug/L	J
Ambient-06	Ambient-06_061807	06/18/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00056	ug/L	J
Ambient-06	Ambient-06_061807	06/18/07	TO-15	1,2-DICHLOROETHANE	1.9e-005	ug/L	J
Ambient-06	Ambient-06_061807	06/18/07	TO-15	1,4-DICHLOROBENZENE	1.8e-005	ug/L	J
Ambient-06	Ambient-06_061807	06/18/07	TO-15	2-BUTANONE	0.0023	ug/L	
Ambient-06	Ambient-06_061807	06/18/07	TO-15	2-HEXANONE	0.00046	ug/L	J
Ambient-06	Ambient-06_061807	06/18/07	TO-15	4-METHYL-2-PENTANONE	0.00011	ug/L	J

TABLE 3-5

Summary of Detected TO-15 Compounds for PSHIA Subsurface Utility Vaults, Second Quarter 2007

Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
Ambient-06	Ambient-06_061807	06/18/07	TO-15	ACETONE	0.0095	ug/L	
Ambient-06	Ambient-06_061807	06/18/07	TO-15	ACROLEIN	0.001	ug/L	
Ambient-06	Ambient-06_061807	06/18/07	TO-15	BENZENE	0.00027	ug/L	J
Ambient-06	Ambient-06_061807	06/18/07	TO-15	BENZENE	0.00049	ug/L	
Ambient-06	Ambient-06_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.00023	ug/L	
Ambient-06	Ambient-06_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.00037	ug/L	J
Ambient-06	Ambient-06_061807	06/18/07	TO-15	CHLOROETHANE	0.00018	ug/L	J
Ambient-06	Ambient-06_061807	06/18/07	TO-15	CHLOROMETHANE	0.00033	ug/L	J
Ambient-06	Ambient-06_061807	06/18/07	TO-15	DICHLORODIFLUOROMETHANE	0.0023	ug/L	
Ambient-06	Ambient-06_061807	06/18/07	TO-15	O-XYLENE	9.8e-005	ug/L	J
Ambient-06	Ambient-06_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.00018	ug/L	J
Ambient-06	Ambient-06_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.00016	ug/L	
Ambient-06	Ambient-06_061807	06/18/07	TO-15	TOLUENE	0.00037	ug/L	J
Ambient-06	Ambient-06_061807	06/18/07	TO-15	TRICHLOROETHENE	7.3e-006	ug/L	J
Ambient-06	Ambient-06_061807	06/18/07	TO-15	TRICHLOROFLUOROMETHANE	0.0012	ug/L	
Ambient-06	Ambient-06_061807	06/18/07	TO-15	XYLENES, M & P	0.00035	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	1,1,1-TRICHLOROETHANE	0.00053	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.018	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	1,1-DICHLOROETHANE	0.018	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	1,1-DICHLOROETHENE	0.023	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	1,2,4-TRIMETHYLBENZENE	0.0006	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	1,2-DICHLOROETHANE	2.1e-005	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	1,4-DICHLOROBENZENE	0.00024	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	1,4-DICHLOROBENZENE	0.00023	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	2-BUTANONE	0.0063	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	2-HEXANONE	0.0012	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	4-METHYL-2-PENTANONE	0.00057	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	ACETONE	0.036	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	ACROLEIN	0.0047	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	ACRYLONITRILE	0.00013	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	BENZENE	0.00049	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.00036	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.00028	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	CHLOROETHANE	0.00026	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	CHLOROFORM	0.0042	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	CHLOROFORM	0.004	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	CIS-1,2-DICHLOROETHENE	0.00037	ug/L	J

TABLE 3-5
Summary of Detected TO-15 Compounds for PSHIA Subsurface Utility Vaults, Second 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_061807	06/18/07	TO-15	DICHLORODIFLUOROMETHANE	0.0027	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	ETHYLBENZENE	0.00025	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	ISOPROPYLBENZENE	0.00014	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	N-PROPYLBENZENE	0.00018	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	NAPHTHALENE	0.00062	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	O-XYLENE	0.00038	ug/L	J
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	STYRENE	0.0026	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.014	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.013	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	TOLUENE	0.0012	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	TRICHLOROETHENE	0.031	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	TRICHLOROETHENE	0.03	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	TRICHLOROFLUOROMETHANE	0.0077	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	VINYL ACETATE	0.0083	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	VINYL CHLORIDE	0.0013	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	VINYL CHLORIDE	0.00074	ug/L	
ELE-VLT-06	ELE-VLT-06-CL_061807	06/18/07	TO-15	XYLENES, M & P	0.00094	ug/L	J
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.0047	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	1,2,4-TRIMETHYLBENZENE	0.0009	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	1,2-DICHLOROETHANE	2.1e-005	ug/L	J
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	1,4-DICHLOROBENZENE	0.00011	ug/L	J
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	1,4-DICHLOROBENZENE	0.00014	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	2-BUTANONE	0.013	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	2-HEXANONE	0.0015	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	4-METHYL-2-PENTANONE	0.0015	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	ACETONE	0.043	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	ACROLEIN	0.004	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	ACRYLONITRILE	0.00012	ug/L	J
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	BENZENE	0.00058	ug/L	J
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	BENZENE	0.0006	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	CARBON DISULFIDE	0.0037	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.00029	ug/L	J
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.0002	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	CHLOROBENZENE	0.00011	ug/L	J
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	CHLOROETHANE	0.00038	ug/L	J
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	CHLOROFORM	0.00036	ug/L	J
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	CHLOROFORM	0.00033	ug/L	

TABLE 3-5
Summary of Detected TO-15 Compounds for PSHIA Subsurface Utility Vaults, Second Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	CHLOROMETHANE	0.0003	ug/L	J
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	DICHLORODIFLUOROMETHANE	0.0023	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	ETHYLBENZENE	0.00035	ug/L	J
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	ISOPROPYLBENZENE	0.00064	ug/L	J
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	N-PROPYLBENZENE	0.00027	ug/L	J
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	NAPHTHALENE	0.0006	ug/L	J
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	O-XYLENE	0.00056	ug/L	J
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	STYRENE	0.022	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.0012	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.001	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	TOLUENE	0.0021	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	TRICHLOROETHENE	7.9e-005	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	TRICHLOROFLUOROMETHANE	0.0013	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	VINYL ACETATE	0.0085	ug/L	
ELE-VLT-11	ELE-VLT-11-CL_061807	06/18/07	TO-15	XYLENES, M & P	0.0012	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.001	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	1,2,4-TRIMETHYLBENZENE	0.0038	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	1,2-DICHLOROETHANE	2e-005	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	1,3,5-TRIMETHYLBENZENE	0.0016	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	1,4-DICHLOROBENZENE	0.00016	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	1,4-DICHLOROBENZENE	0.00016	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	2-BUTANONE	0.0091	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	2-HEXANONE	0.0012	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	4-METHYL-2-PENTANONE	0.00071	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	ACETONE	0.032	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	ACROLEIN	0.0024	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	ACRYLONITRILE	9.9e-005	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	BENZENE	0.00048	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	BENZENE	0.00052	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.00032	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.00018	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	CHLOROETHANE	0.00019	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	CHLOROFORM	0.00035	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	CHLOROFORM	0.00033	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	CHLOROMETHANE	0.00021	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	DICHLORODIFLUOROMETHANE	0.0024	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	ETHYLBENZENE	0.00039	ug/L	J

TABLE 3-5
Summary of Detected TO-15 Compounds for PSHIA Subsurface Utility Vaults, Second 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-CL_061807	06/18/07	TO-15	ISOPROPYLBENZENE	0.0017	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	N-PROPYLBENZENE	0.00081	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	O-XYLENE	0.00058	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	P-ISOPROPYLTOLUENE	0.00024	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	STYRENE	0.0018	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.0049	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.0046	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	TOLUENE	0.0021	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	TRICHLOROETHENE	0.00026	ug/L	J
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	TRICHLOROETHENE	0.00025	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	TRICHLOROFLUOROMETHANE	0.0016	ug/L	
ELE-VLT-12	ELE-VLT-12-CL_061807	06/18/07	TO-15	XYLENES, M & P	0.0013	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	1,1,1-TRICHLOROETHANE	0.00016	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00074	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	1,2,4-TRIMETHYLBENZENE	0.00046	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	1,2-DICHLOROETHANE	4e-005	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	1,4-DICHLOROBENZENE	8.8e-005	ug/L	
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	2-BUTANONE	0.0048	ug/L	
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	2-HEXANONE	0.00065	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	4-METHYL-2-PENTANONE	0.00074	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	ACETONE	0.016	ug/L	
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	ACROLEIN	0.003	ug/L	
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	ACRYLONITRILE	0.00011	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	BENZENE	0.00041	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	BENZENE	0.0006	ug/L	
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.00018	ug/L	
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.00035	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	CHLOROBENZENE	0.00016	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	CHLOROFORM	0.00016	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	CHLOROMETHANE	0.00028	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	DICHLORODIFLUOROMETHANE	0.0023	ug/L	
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	ETHYLBENZENE	0.0002	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	ISOPROPYLBENZENE	0.00021	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	N-PROPYLBENZENE	9.3e-005	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	O-XYLENE	0.0003	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	STYRENE	0.00021	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.00026	ug/L	J

TABLE 3-5
Summary of Detected TO-15 Compounds for PSHIA Subsurface Utility Vaults, Second Quarter 2007
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.00023	ug/L	
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	TOLUENE	0.0028	ug/L	
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	TRICHLOROETHENE	2.2e-005	ug/L	
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	TRICHLOROFLUOROMETHANE	0.0012	ug/L	
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	VINYL ACETATE	0.0028	ug/L	
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	VINYL CHLORIDE	7.7e-006	ug/L	J
ELE-VLT-17	ELE-VLT-17-CL_061807	06/18/07	TO-15	XYLENES, M & P	0.0007	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00072	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	1,2-DICHLOROETHANE	2.1e-005	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	1,4-DICHLOROBENZENE	8.4e-005	ug/L	
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	2-BUTANONE	0.0049	ug/L	
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	2-HEXANONE	0.00056	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	4-METHYL-2-PENTANONE	0.00083	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	ACETONE	0.019	ug/L	
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	ACROLEIN	0.0038	ug/L	
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	BENZENE	0.00049	ug/L	
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.00021	ug/L	
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.00034	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	CHLOROBENZENE	9.5e-005	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	CHLOROMETHANE	0.00028	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	DICHLORODIFLUOROMETHANE	0.0024	ug/L	
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	ETHYLBENZENE	0.00012	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	ISOPROPYLBENZENE	0.00017	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	O-XYLENE	0.00015	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	STYRENE	0.00011	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.00023	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.00021	ug/L	
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	TOLUENE	0.00079	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	TRICHLOROETHENE	1.6e-005	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	TRICHLOROFLUOROMETHANE	0.0013	ug/L	
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	VINYL ACETATE	0.0067	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	VINYL CHLORIDE	7.3e-006	ug/L	J
ELE-VLT-17	Vault-D01_061807	06/18/07	TO-15	XYLENES, M & P	0.00039	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	1,1,2-TRICHLOROTRIFLUOROETHANE	0.00061	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	1,2,4-TRIMETHYLBENZENE	0.00052	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	1,2-DICHLOROETHANE	2.1e-005	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	1,4-DICHLOROBENZENE	0.00014	ug/L	

TABLE 3-5

Summary of Detected TO-15 Compounds for PSHIA Subsurface Utility Vaults, Second Quarter 2007

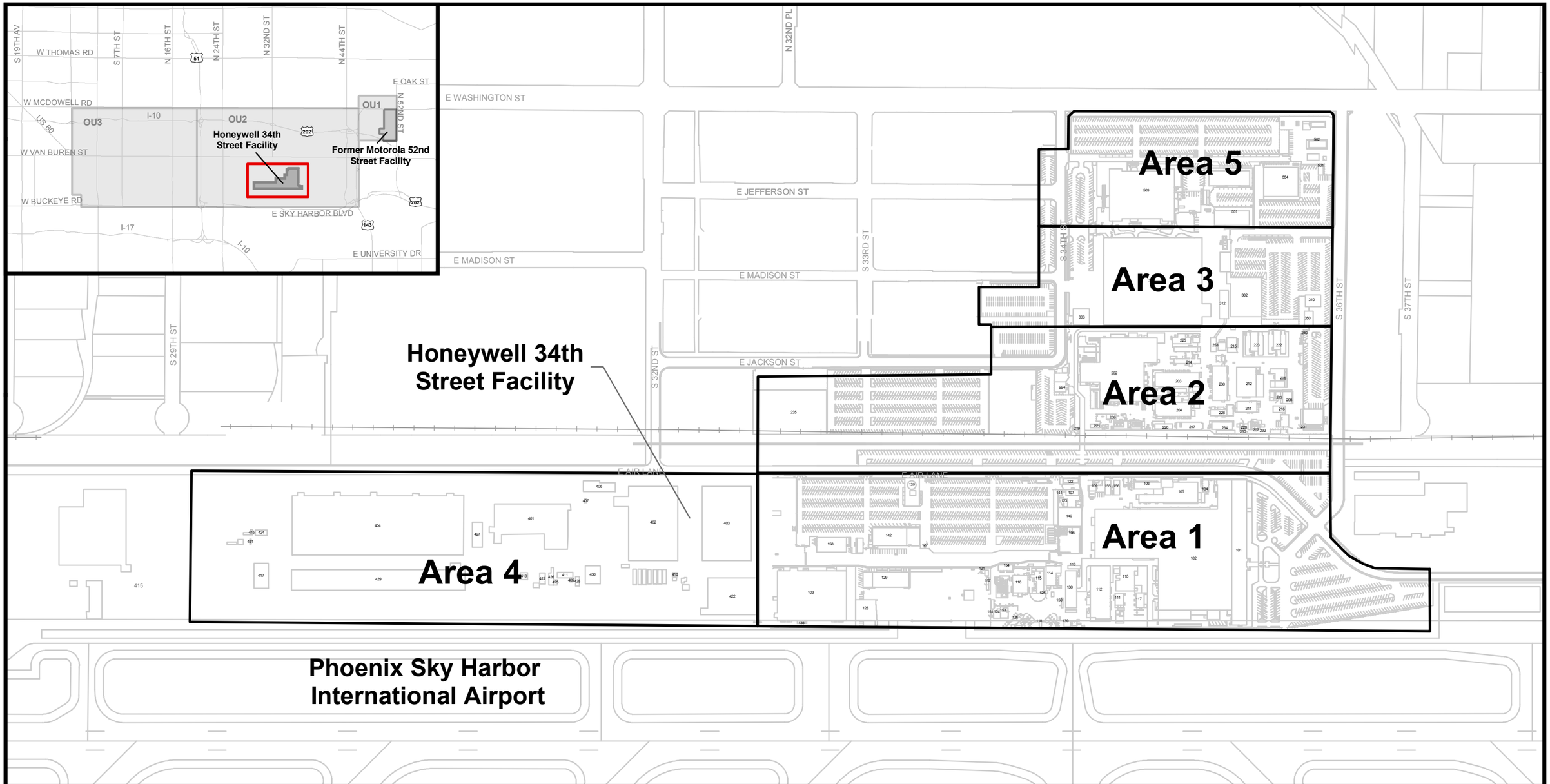
Honeywell 34th Street Facility, Phoenix, Arizona

Location ID	Sample ID	Date	Analytical Method	Parameter	Result	Units	Qualifier
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	1,4-DICHLOROBENZENE	0.00012	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	2-BUTANONE	0.0083	ug/L	
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	2-HEXANONE	0.00066	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	4-METHYL-2-PENTANONE	0.0005	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	ACETONE	0.023	ug/L	
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	ACROLEIN	0.0029	ug/L	
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	BENZENE	0.00049	ug/L	
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.00019	ug/L	
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	CARBON TETRACHLORIDE	0.00033	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	CHLOROETHANE	0.00011	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	CHLOROFORM	9.5e-005	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	CHLOROMETHANE	0.00028	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	DICHLORODIFLUOROMETHANE	0.0023	ug/L	
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	ETHYLBENZENE	0.0003	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	ISOPROPYLBENZENE	0.0003	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	N-PROPYLBENZENE	0.00014	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	O-XYLENE	0.00038	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	STYRENE	0.0028	ug/L	
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.00057	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	TETRACHLOROETHENE	0.00052	ug/L	
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	TOLUENE	0.00071	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	TRICHLOROETHENE	1.8e-005	ug/L	
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	TRICHLOROFLUOROMETHANE	0.0013	ug/L	
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	VINYL ACETATE	0.0033	ug/L	
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	VINYL CHLORIDE	6.2e-006	ug/L	J
HH-FN4-5	HH-FN4-5-CL_061807	06/18/07	TO-15	XYLENES, M & P	0.0011	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 volatile organic compound 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.
HH = 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

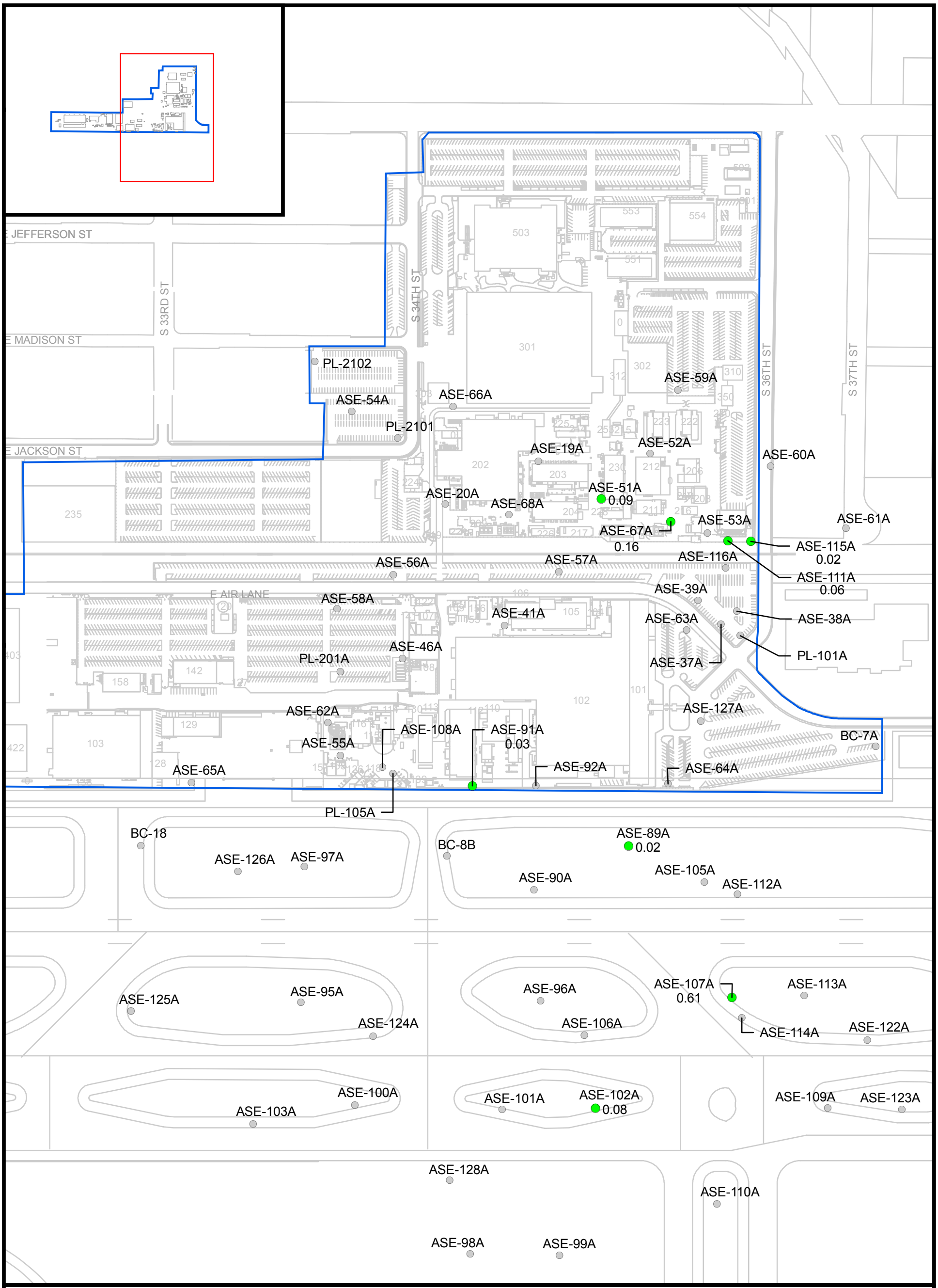
0 200 400 800 Feet

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\2ND QRT JUNE 2007\MAPFILES\FIG1-1_FACILITYLOCATIONLAYOUT.MXD CVF 7/24/2007 13:35:42



Legend

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

N
W E
S

0 150 300 600 Feet

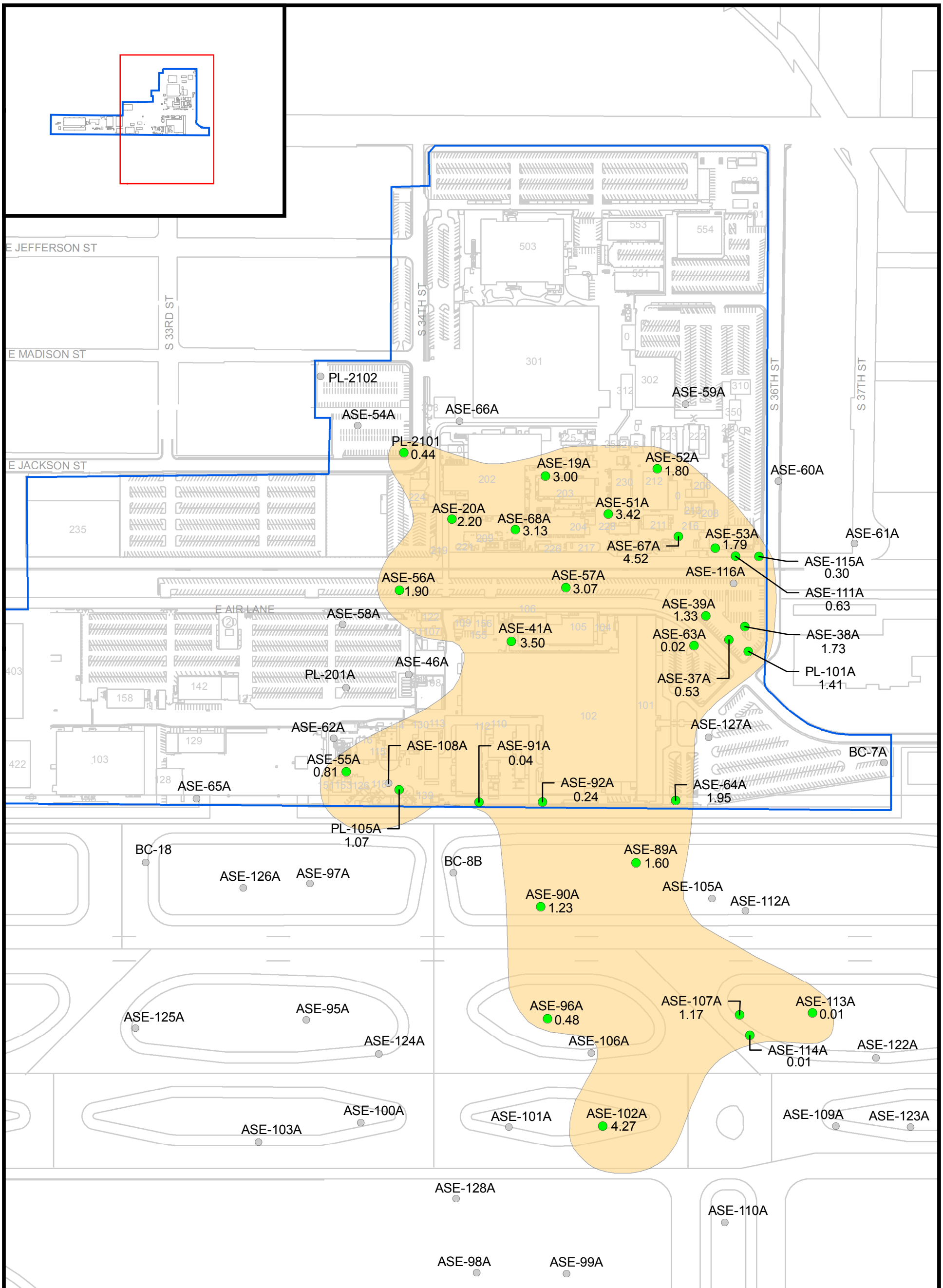
Note:
1. All measurements collected on June 6, 2007, except ASE-67A which was collected on June 5, 2007.

FIGURE 2-1
FREE-PRODUCT THICKNESS
JUNE 2007

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\2ND QRT JUNE 2007\MAPFILES\FIG2-1_FREEPRODUCTTHICKNESS-JUNE2007.MXD CVF 7/24/2007 13:42:59



Legend

- Free Product Detected (feet)
- Free Product Not Detected
- Street and Airport Features
- Honeywell Facility
- Historical Free Product Extent (as of June 19, 2007)

N W E S

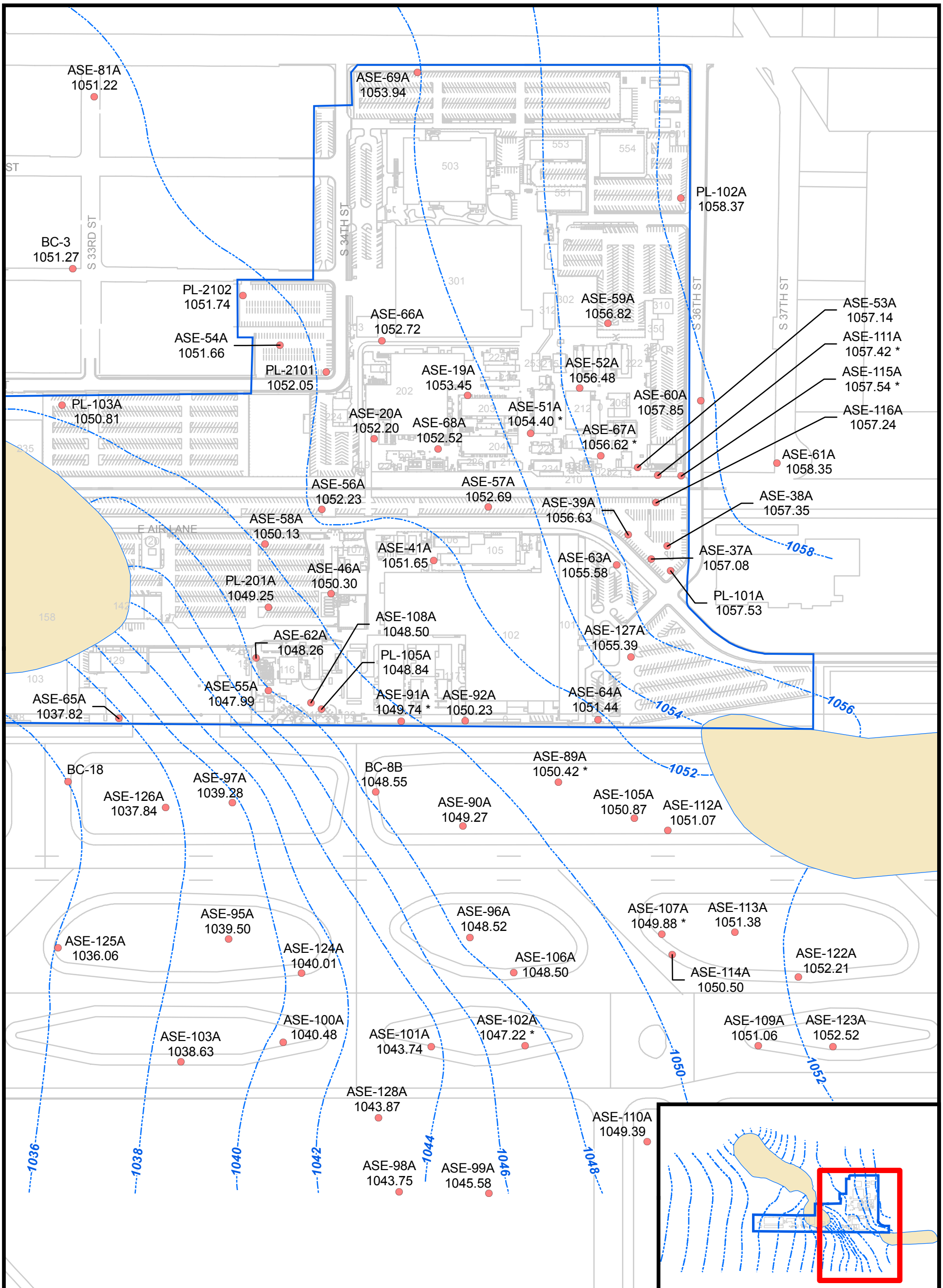
0 150 300 600 Feet

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\2ND QRT JUNE 2007\MAPFILES\FIG2-2_FREEPRODUCT THICKNESS (MAXIMUM).MXD CVF 7/24/2007 13:51:44



Legend

ASE-124A 1040.01 — Well Identifier; Water Level Elevation, in feet above mean sea level

Water Level Contours (ft amsl) - Sub-unit A

Honeywell Facility

Honeywell Bedrock Rise

N W E S

0 150 300 600 Feet

Notes:
1. All measurements taken during the period June 5 through 6, 2007.
2. No pumping water levels or groundwater levels for wells with free 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.
4. Monitoring Well BC-18 dry on day of measurement.

FIGURE 2-3
WATER LEVEL CONTOURS
JUNE 2007
SUB-UNIT A

Honeywell 34th Street Facility
Phoenix, Arizona

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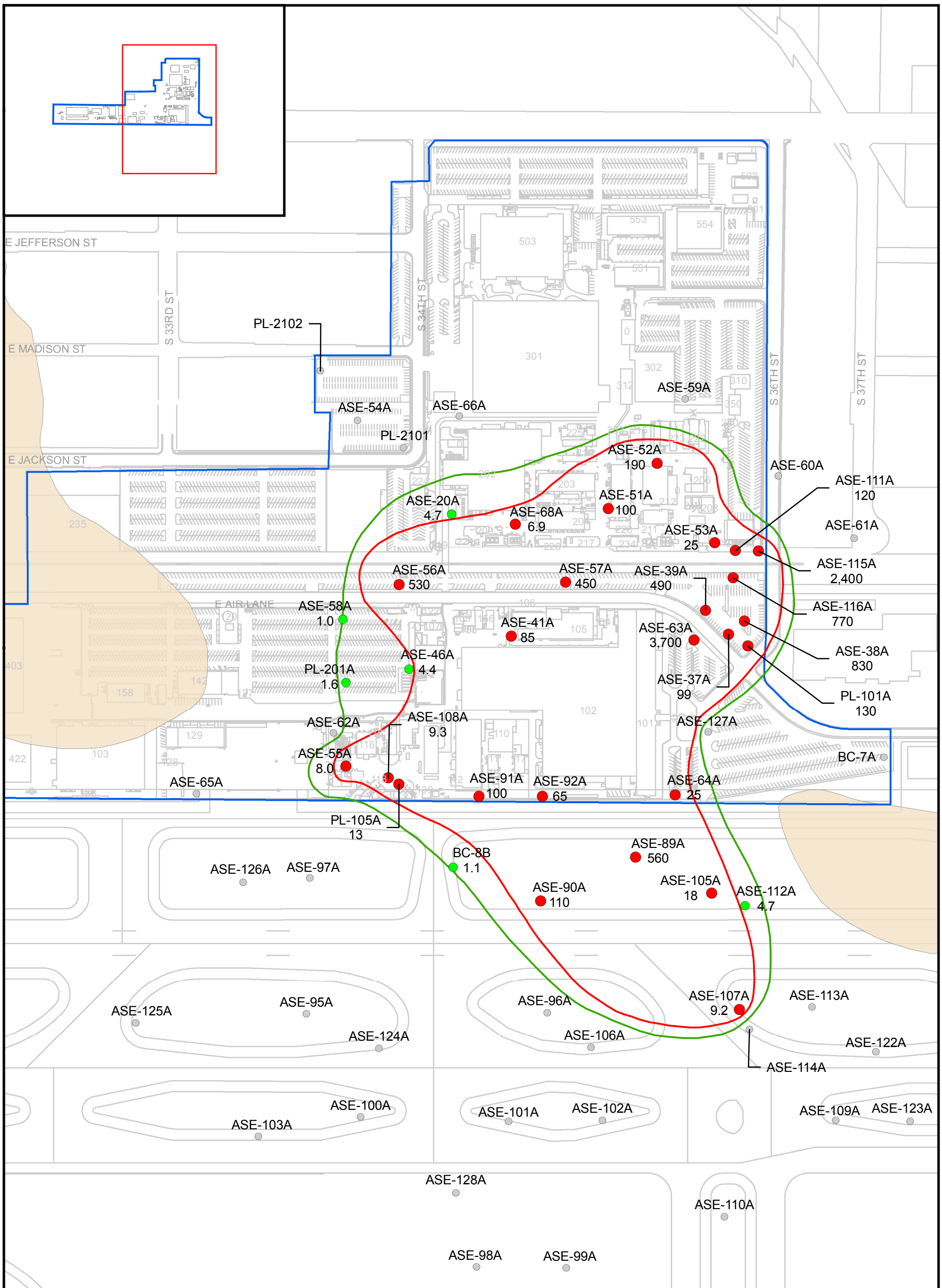
\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\2ND QRT JUNE 2007\MAPFILES\FIG2-3_WATER LEVEL CONTOURS-JUNE2007-SRG.MXD CVF 7/14/2007 15:56:40



Legend

- Compound Not Detected
- Compound Detected (µg/L)
- Regulatory Standard Exceeded
- Street and Airport Features
- Honeywell Facility
- Honeywell Bedrock Rise
- 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 June 11 and June 20, 2007.

FIGURE 2-4
BENZENE
JUNE 2007
GROUNDWATER PARAMETERS

Honeywell 34th Street Facility
Phoenix, Arizona

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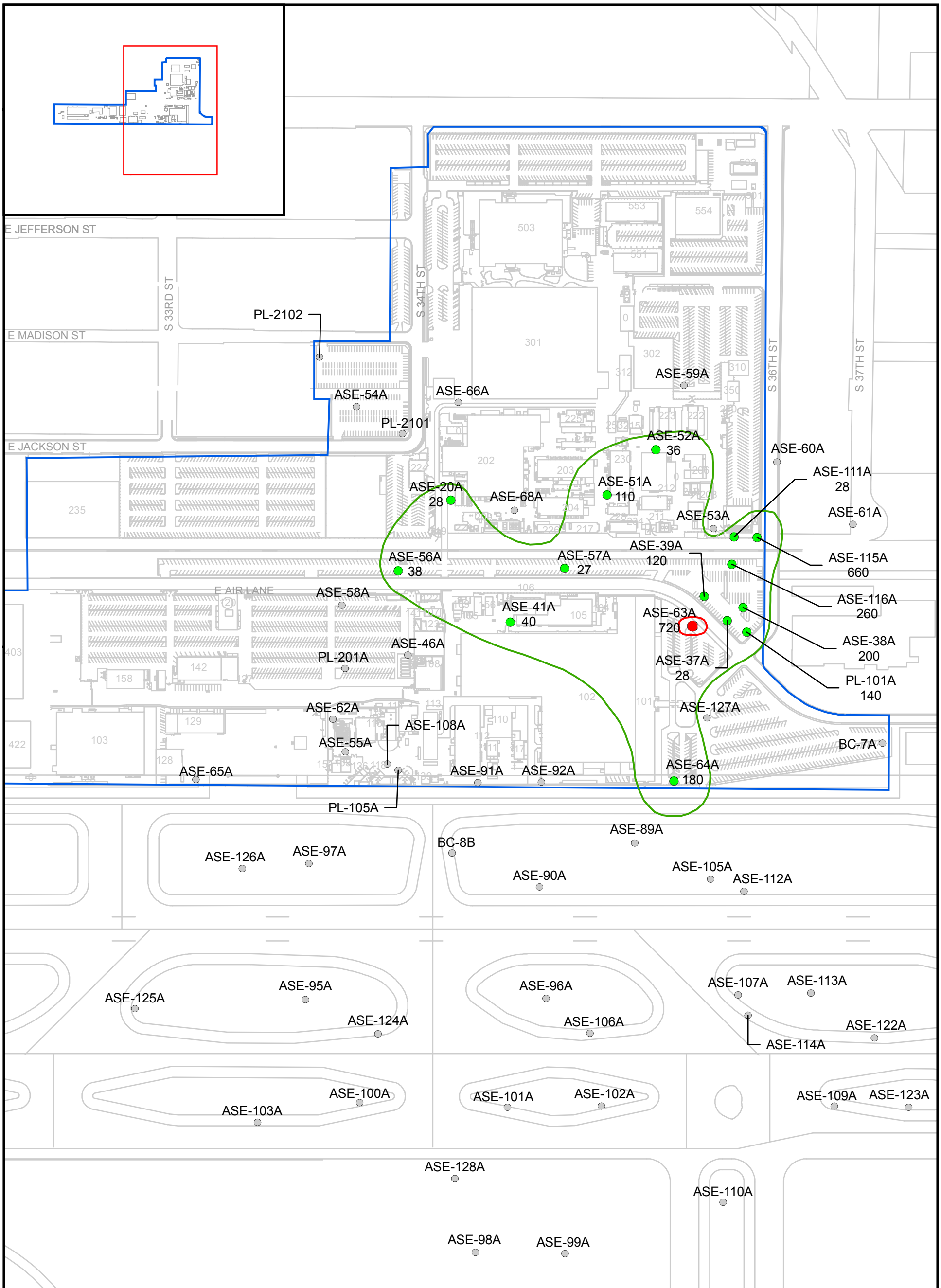
\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\2ND QRT JUNE 2007\MAPFILES\FIG2-4_GW_BENZENE-JUNE2007.MXD CVF 7/24/2007 14:21:25



Legend

- Compound Not Detected
- Compound Detected (µg/L)
- Regulatory Standard Exceeded
- Street and Airport Features
- Honeywell Facility
- Not Detected Above Reporting Limit
- 700 µg/L

N W E S

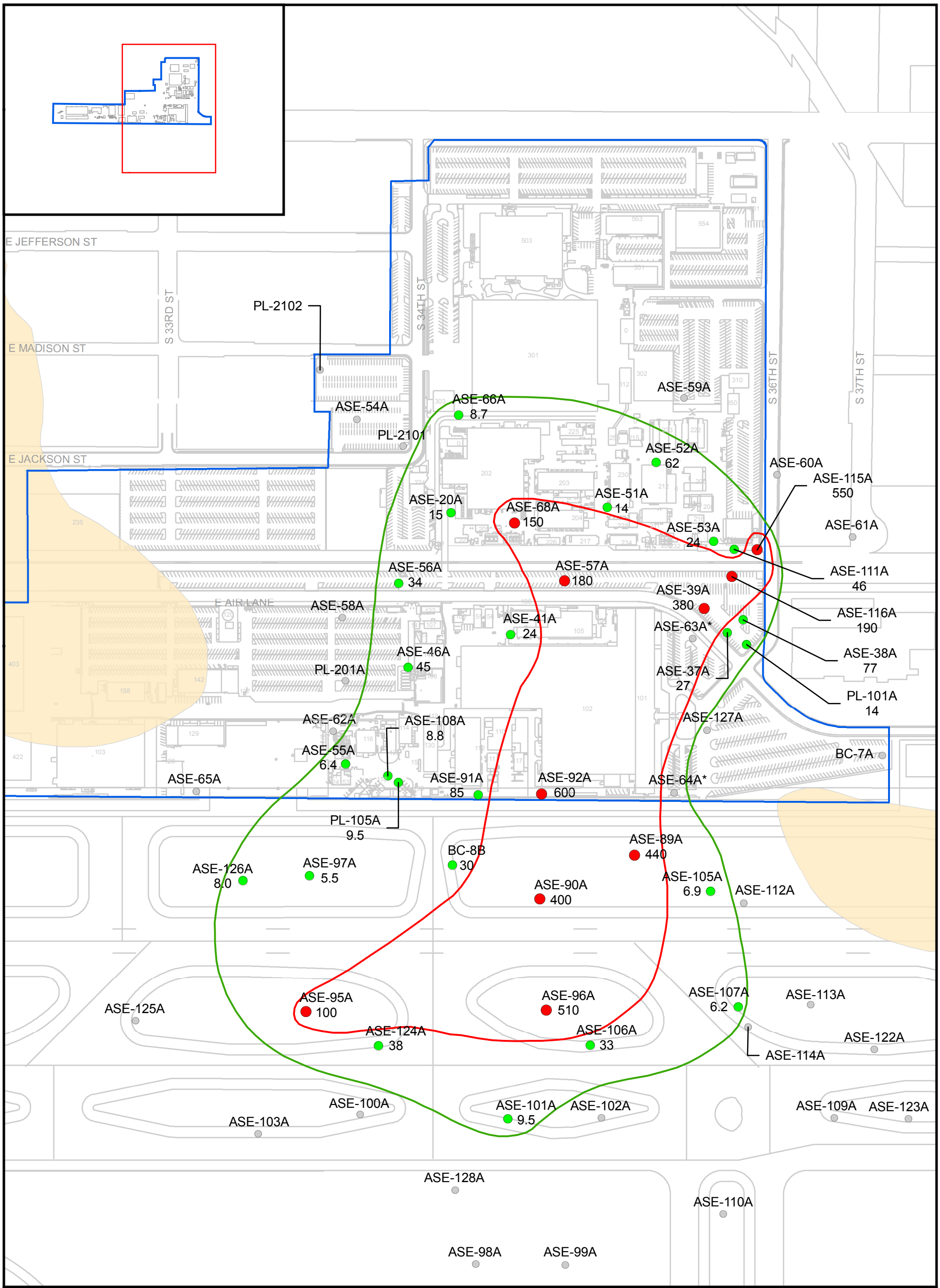
0 150 300 600 Feet

Notes:
1. Exceedance value is 700 ug/L.
2. Samples collected between June 11 and June 20, 2007.

FIGURE 2-5
ETHYLBENZENE
JUNE 2007
GROUNDWATER PARAMETERS
Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\2ND QRT JUNE 2007\MAPFILES\FIG2-5_GW_ETHYLBENZENE-JUNE2007.MXD CVF 7/24/2007 17:40:52



Legend

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

N W E S

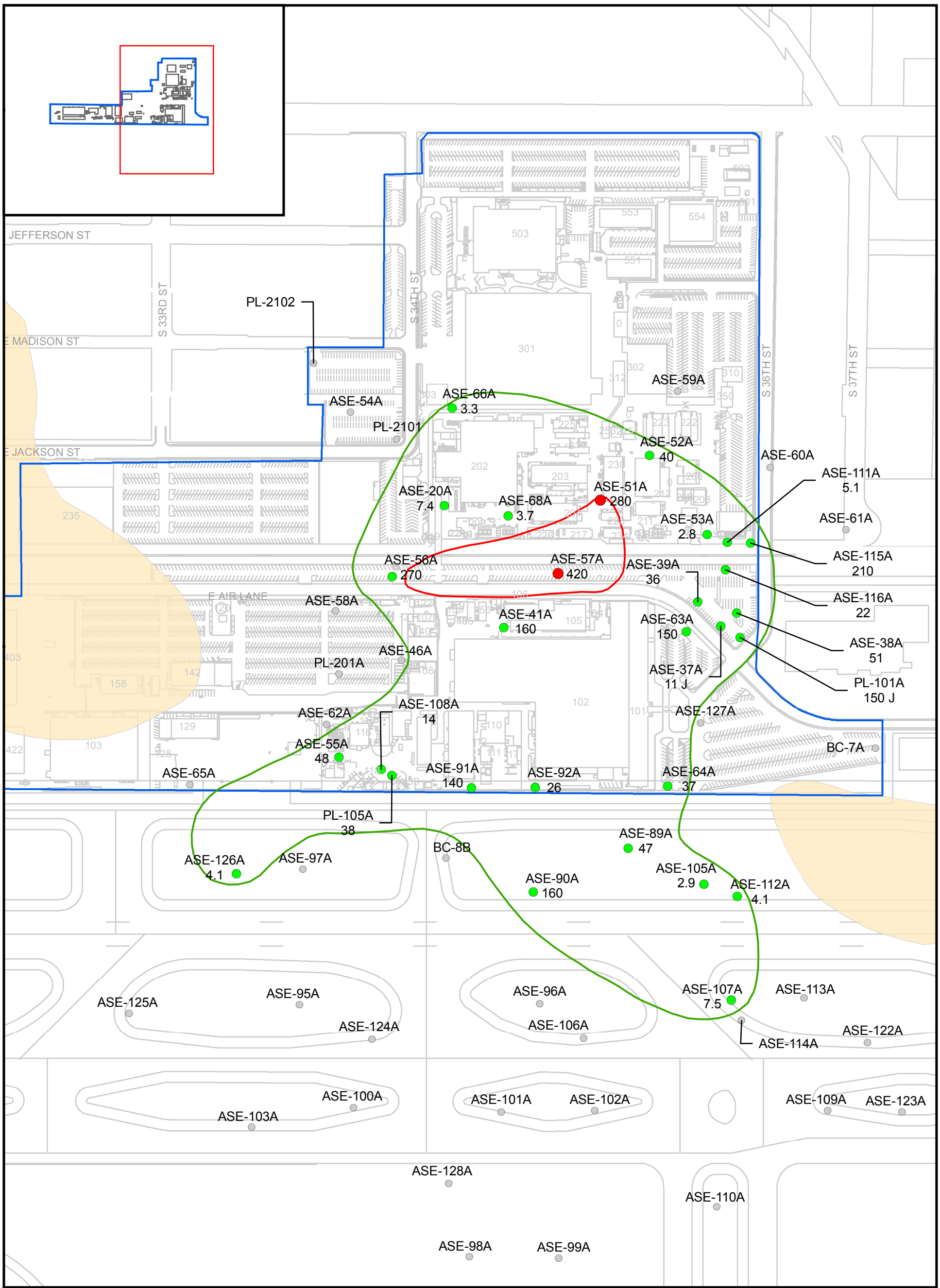
0 150 300 600 Feet

Notes:
1. Exceedance value is 94 ug/L.
2. Samples collected between June 11 and June 20, 2007.
3. * = Data not used to produce contours due to elevated reporting limit. See report text for details.

FIGURE 2-6
METHYL TERT-BUTYL ETHER
JUNE 2007
GROUNDWATER PARAMETERS
Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\2ND QRT JUNE 2007\MAPFILES\FIG2-6_GW_MTBE-JUNE2007.MXD CVF 7/24/2007 18:01:15



Legend

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

N W E S

0 150 300 600 Feet

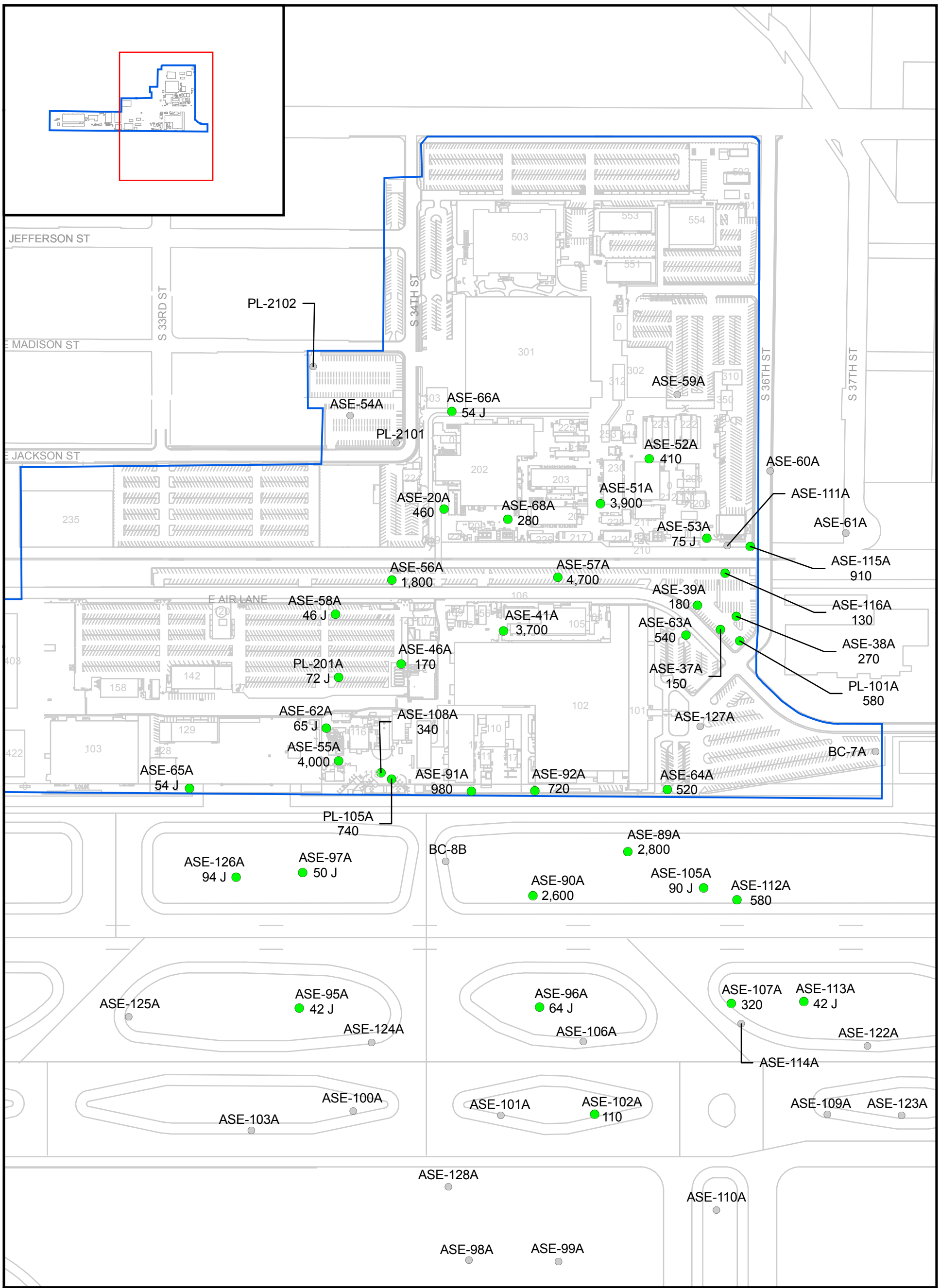
Notes:
1. Exceedance value is 280 ug/L.
2. Samples collected between June 11 and June 20, 2007.
3. J = Analyte detected but concentration estimated by laboratory.

FIGURE 2-7
NAPHTHALENE
JUNE 2007
GROUNDWATER PARAMETERS

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\2ND QRT JUNE 2007\MAPFILES\FIG2-7_GW_NAPHTHALENE-JUNE2007.MXD CVF 7/25/2007 16:35:20



Legend

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

N W E S

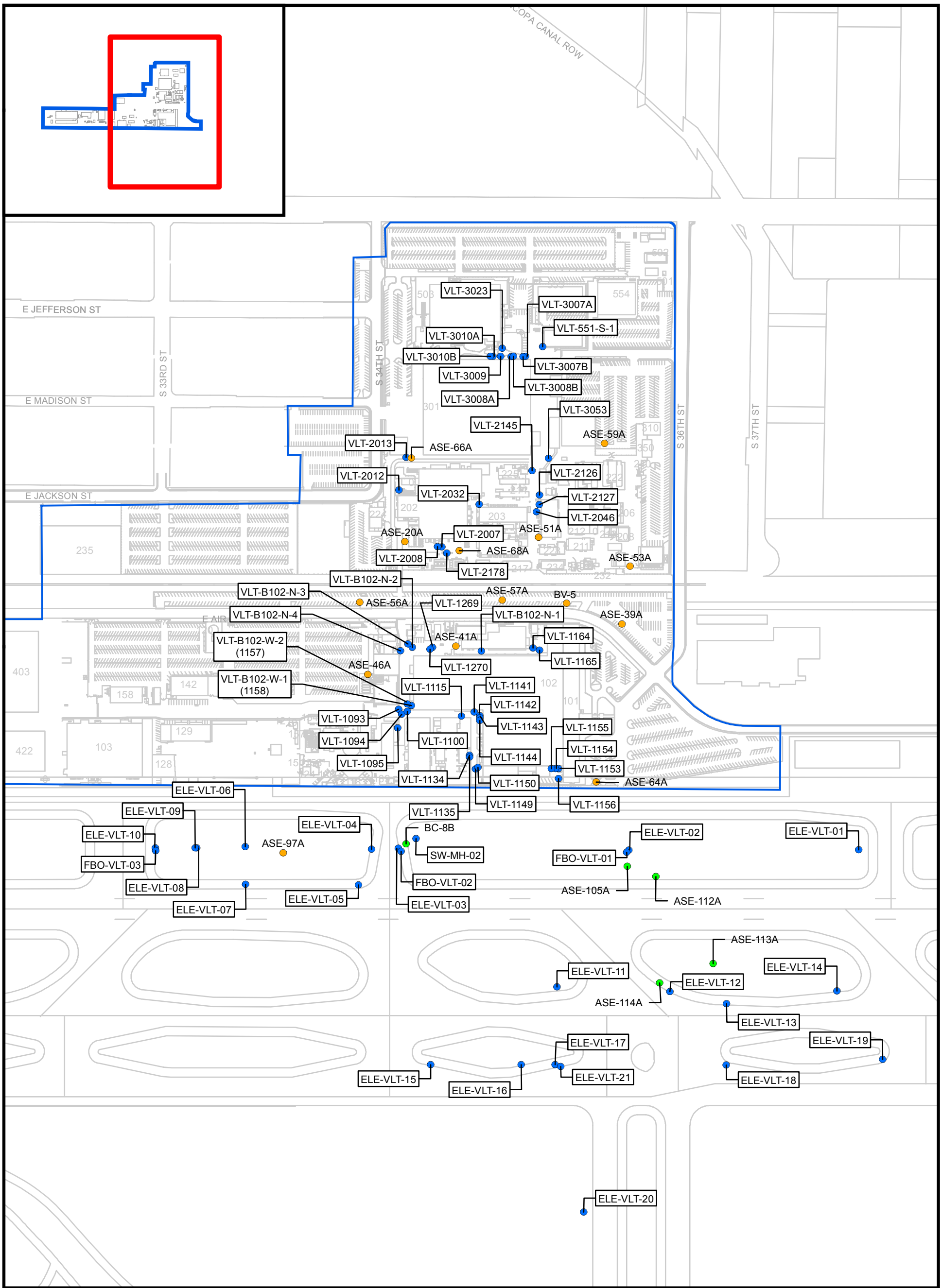
0 150 300 600 Feet

Notes:
1. TRPH is the sum of C10 through C32 Compounds.
2. Samples collected between June 11 and June 20, 2007.
3. J = Analyte detected but concentration estimated by laboratory.

FIGURE 2-8
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (TRPH)
JUNE 2007
GROUNDWATER PARAMETERS
Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\2ND QRT JUNE 2007\MAPFILES\FIG2-8_GW_TRPH-JUNE2007.MXD CVF 7/14/2007 16:05:34



Legend

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

N W E S

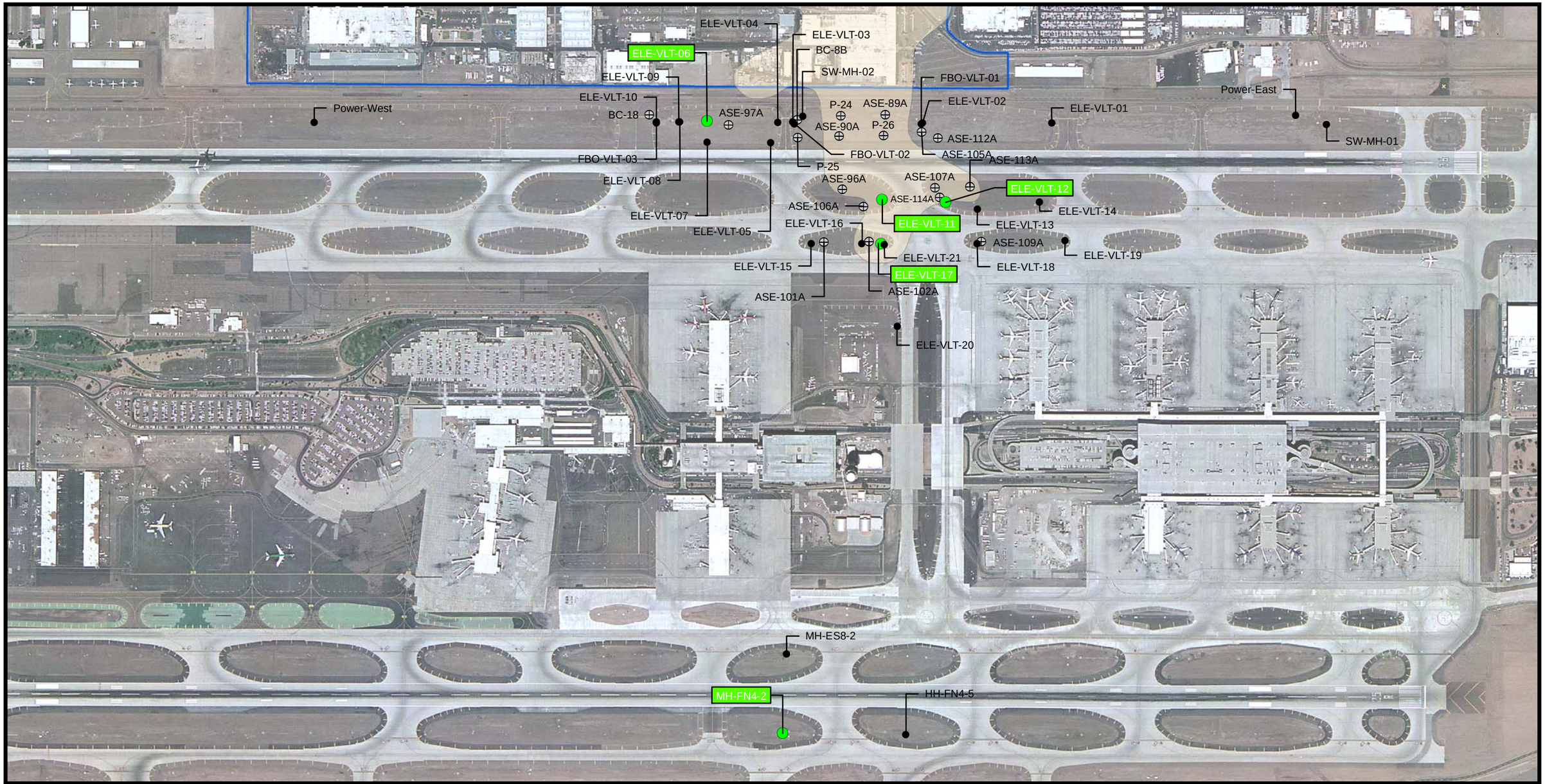
0 175 350 700 Feet

FIGURE 3-1
SUBSURFACE UTILITY VAULT LOCATIONS, SOIL VAPOR MONITORING WELL LOCATIONS, AND AIR EXTRACTION WELL TEST LOCATIONS

Honeywell 34th Street Facility
Phoenix, Arizona

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\2ND QRT JUNE 2007\MAPFILES\FIG3-1_MONITORINGWELLS_SUBSURFACEUTILITYVAULTS.MXD CVF 7/31/2007 08:41:47



Legend

- Utility Vault and Stormwater Manhole Locations not Selected for USEPA Method TO-15 Sampling.
- Utility Vault Locations Selected for USEPA Method TO-15 Sampling. Samples were collected with the vault lid closed.
- Monitoring Well Locations
- Honeywell 34th Street Facility
- Historical Free Product Extent (as of June 19, 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, SECOND QUARTER 2007

Honeywell 34th Street Facility
Phoenix, Arizona

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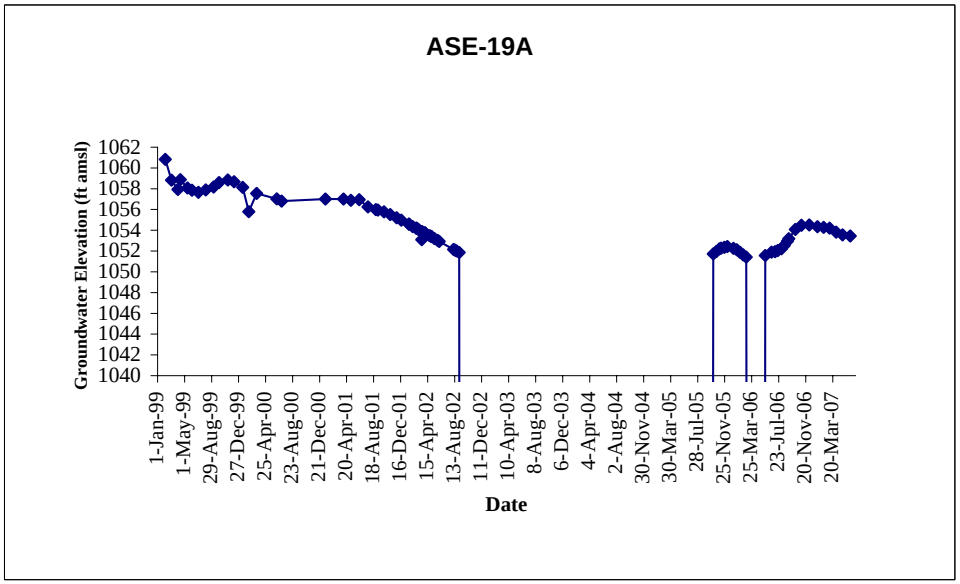
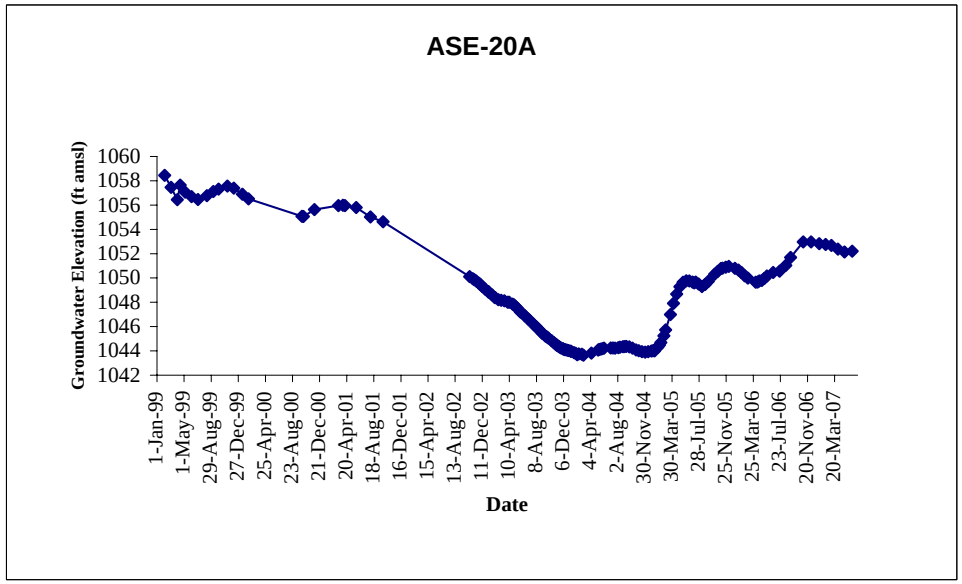
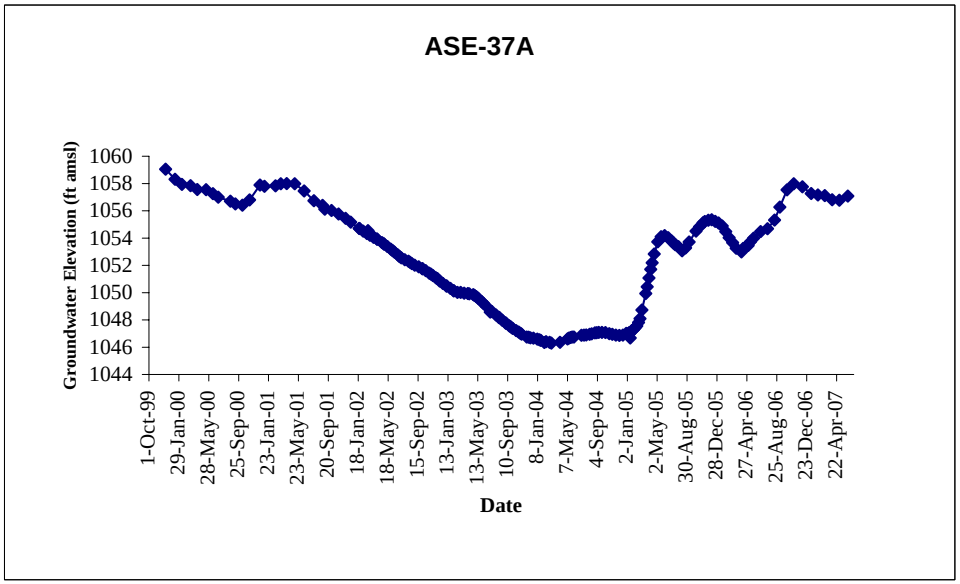
\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\HONEYWELL PROJECTS\UST QUARTERLY REPORTS\2ND QRT JUNE 2007\MAPFILES\FIG3-2_PSHIA_SUBSURFACEUTILITYVAULTS_SELECTED_FOR_TO-15_ANALYSIS.MXD CVF 7/14/2007 16:14:42

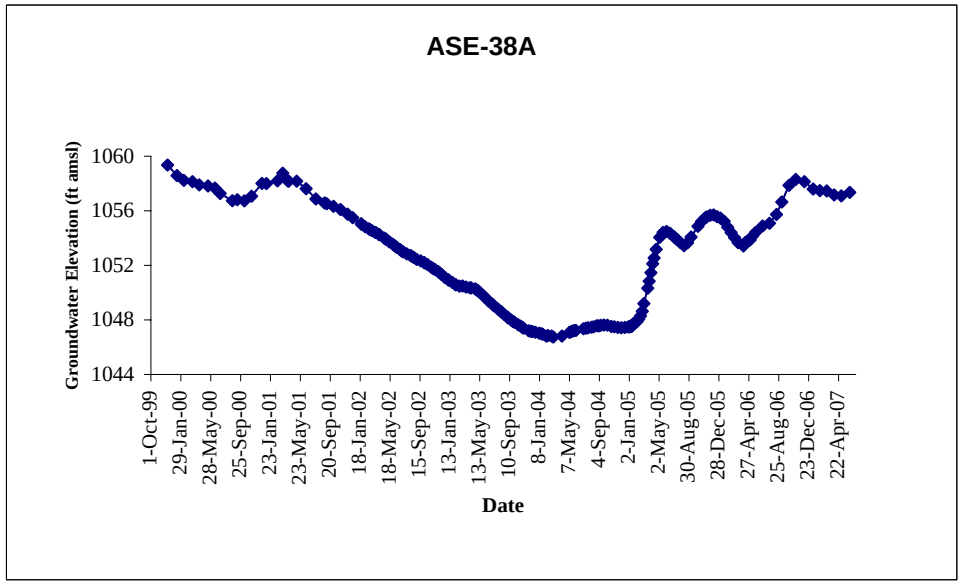
Appendix A
Hydrographs

HYDROGRAPHS









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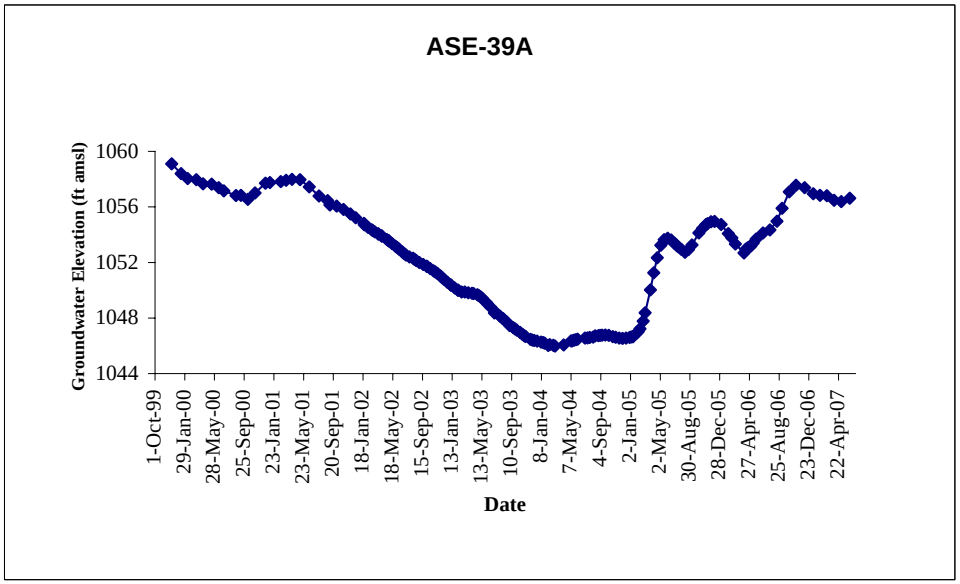

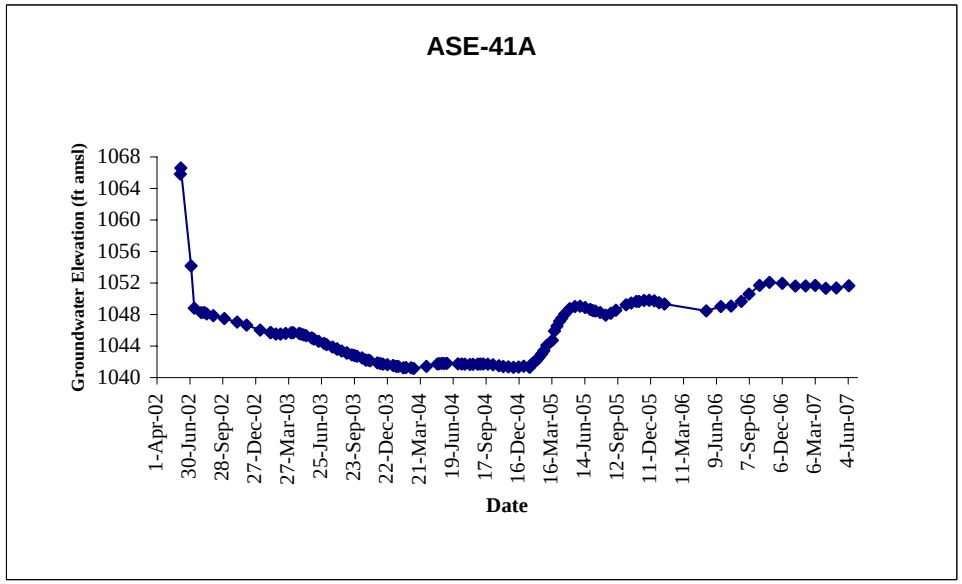

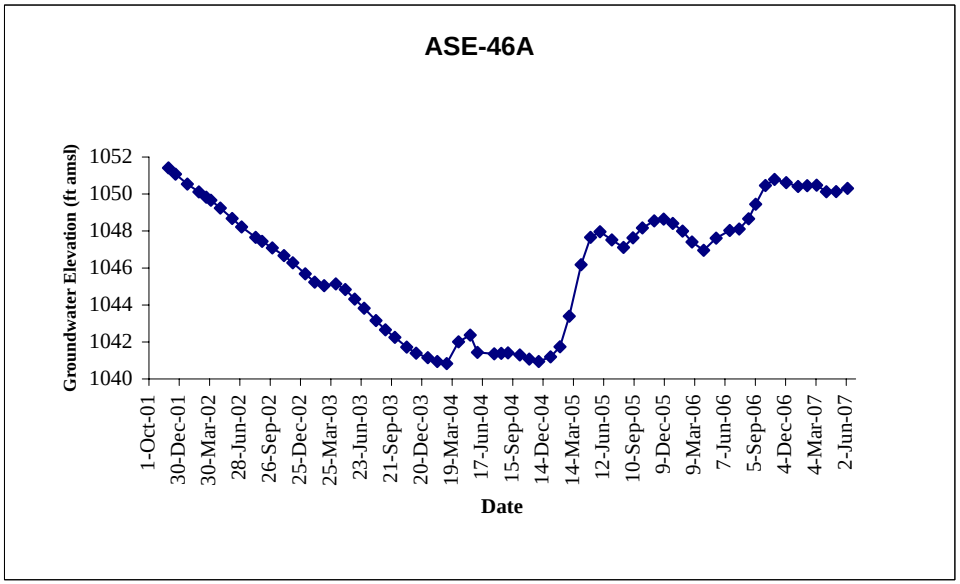

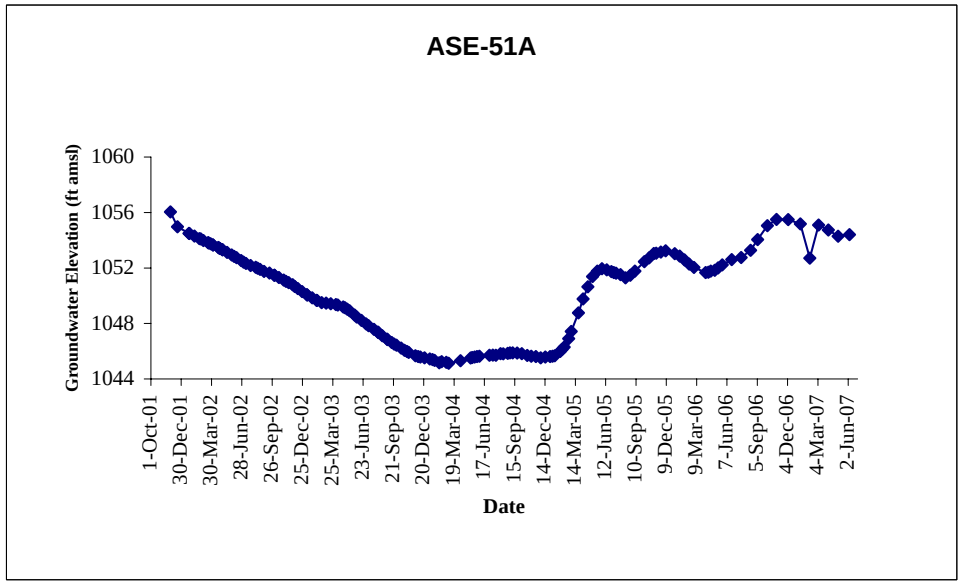

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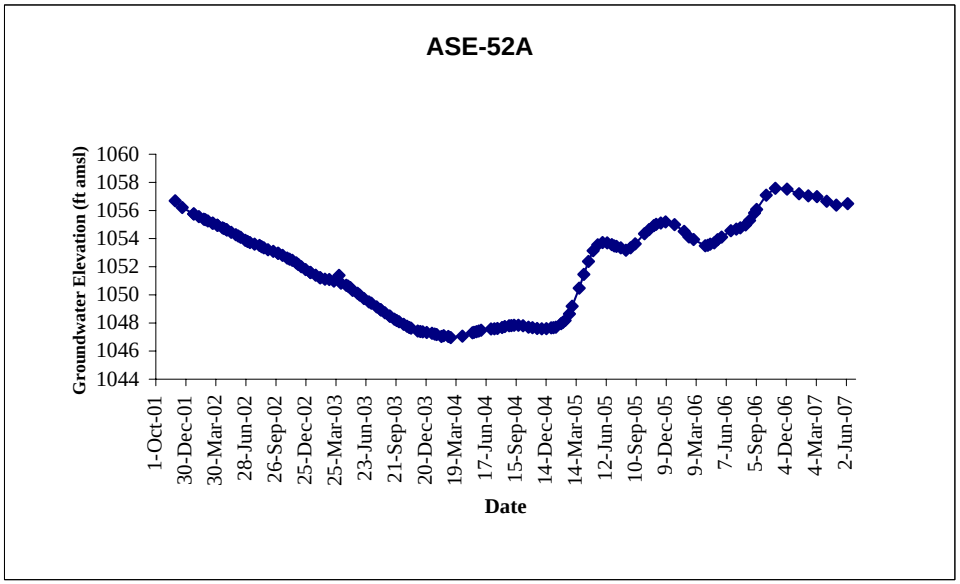

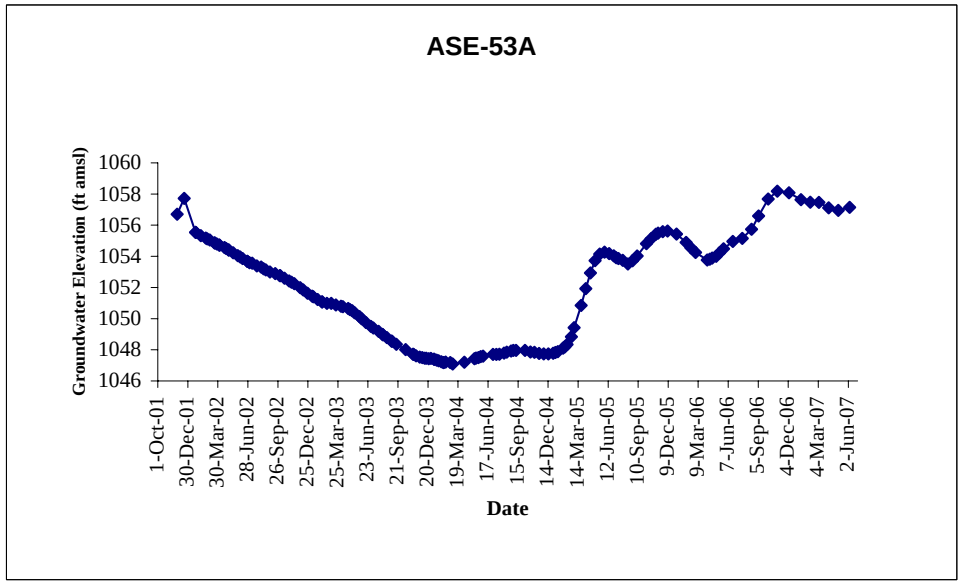

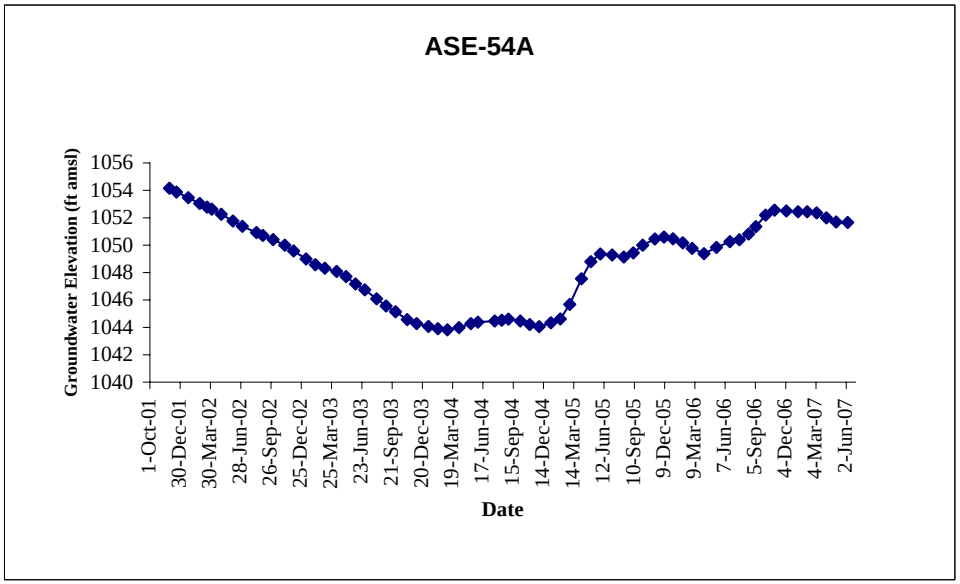

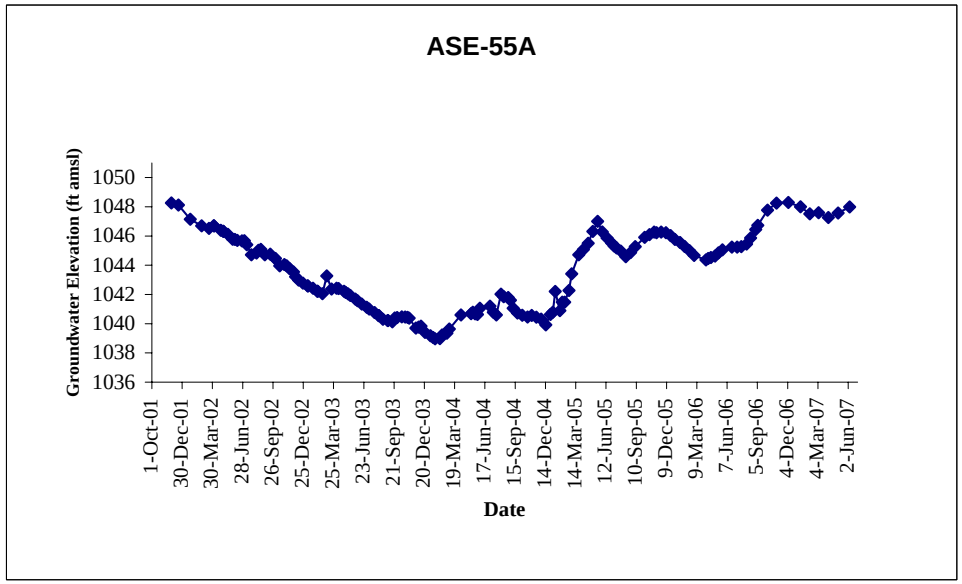

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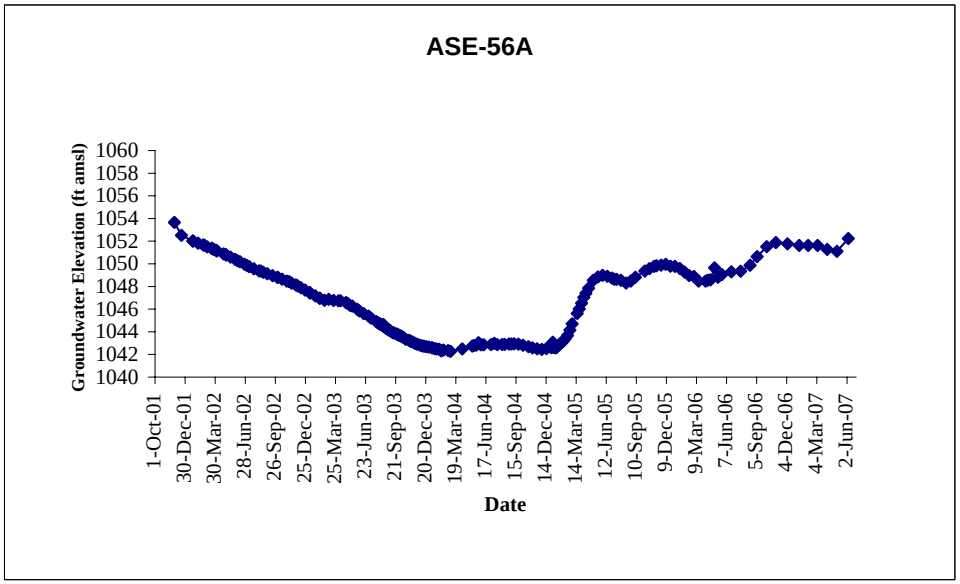

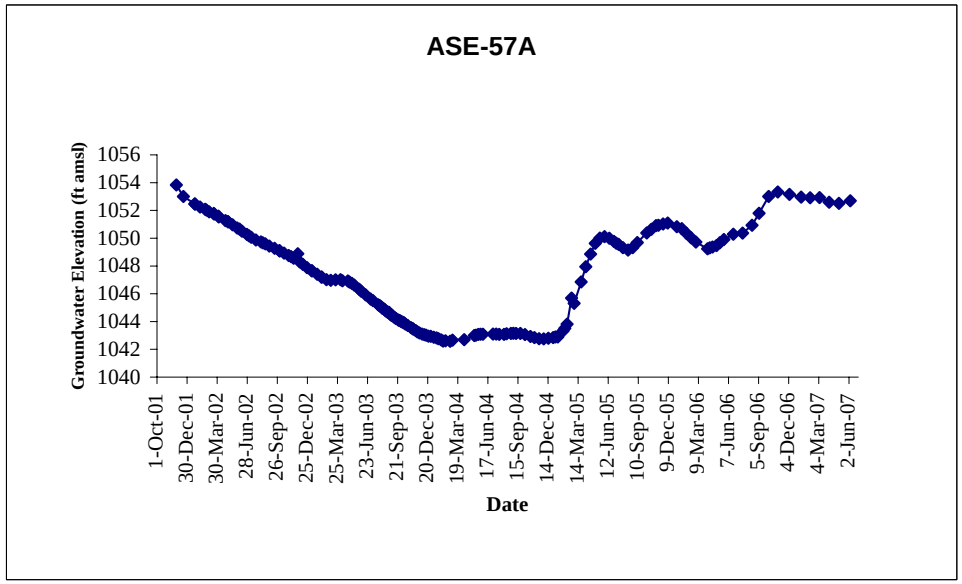

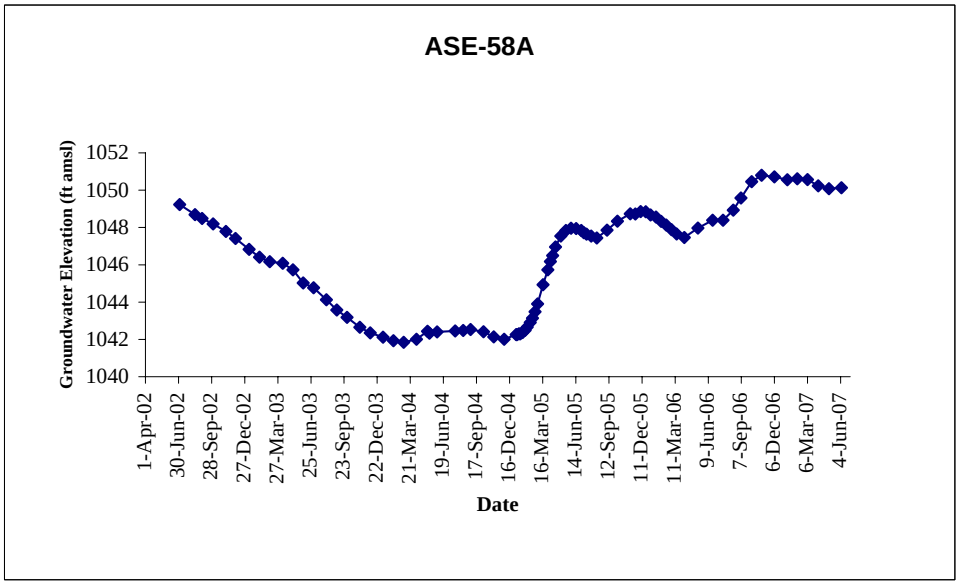

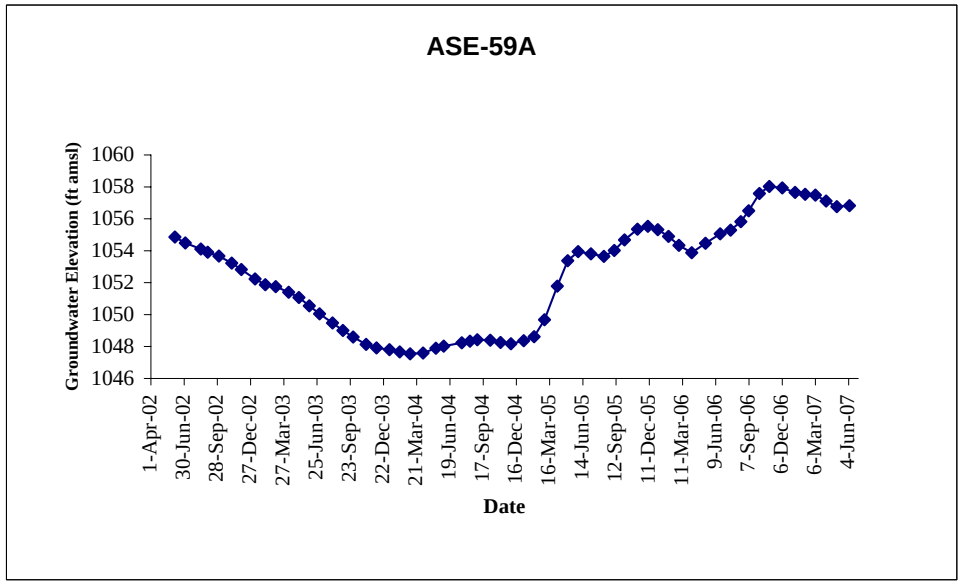

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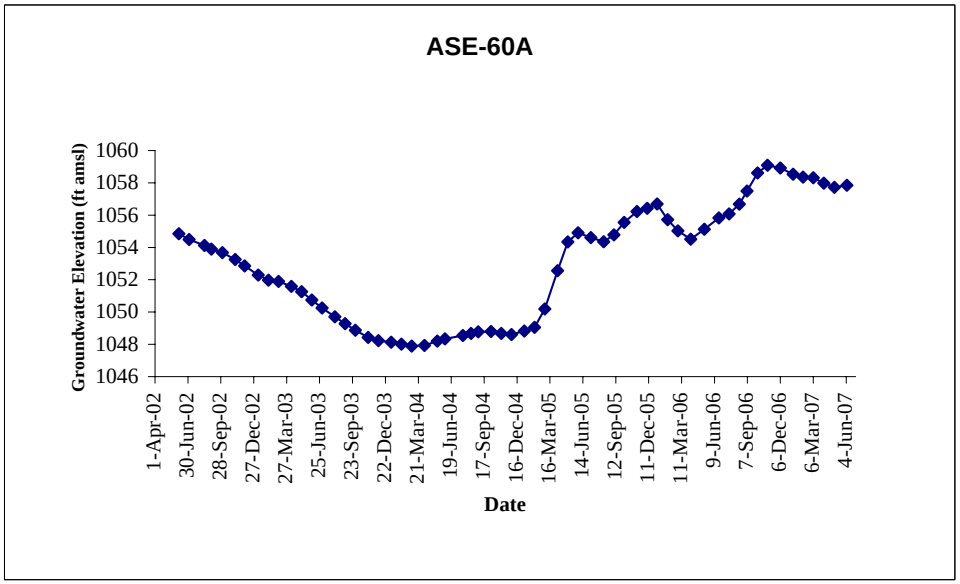

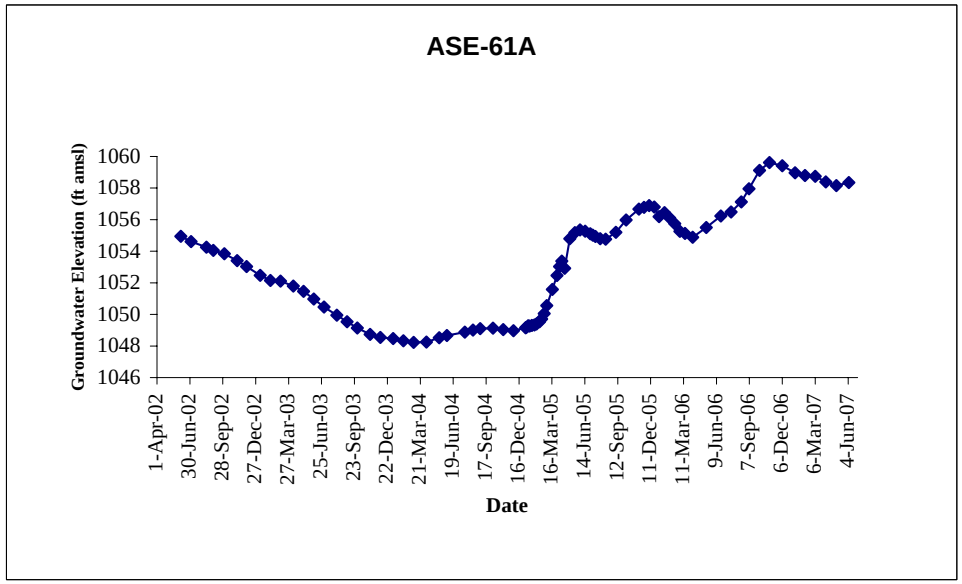

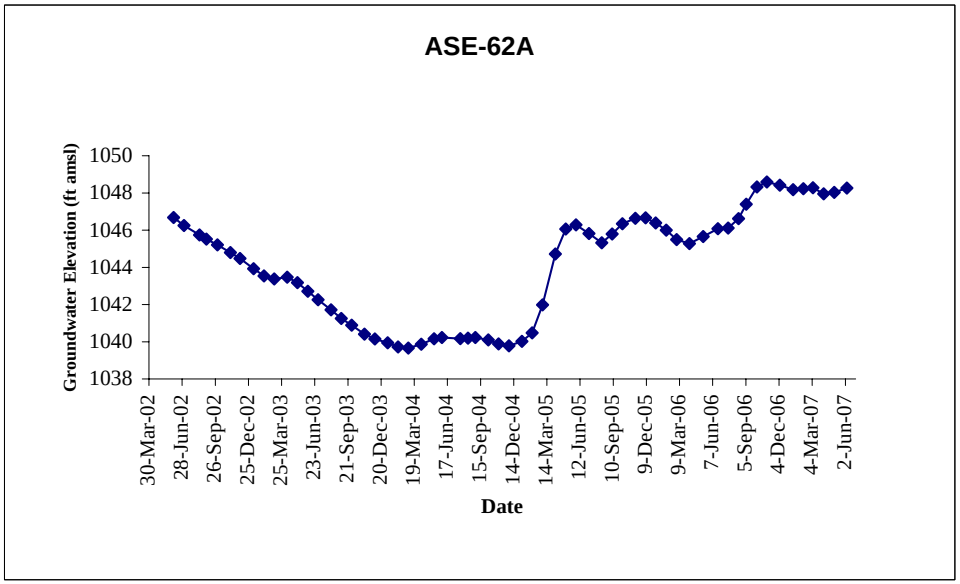

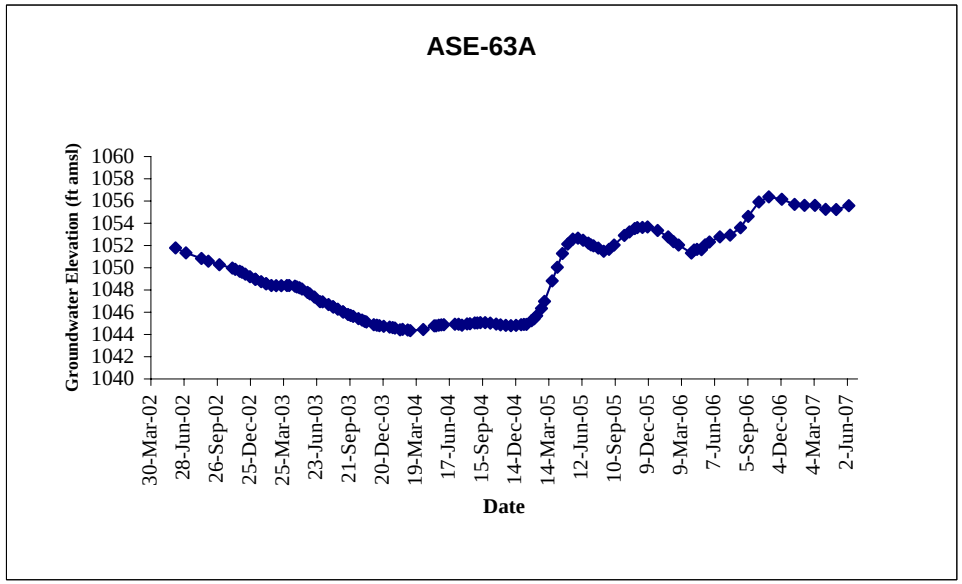

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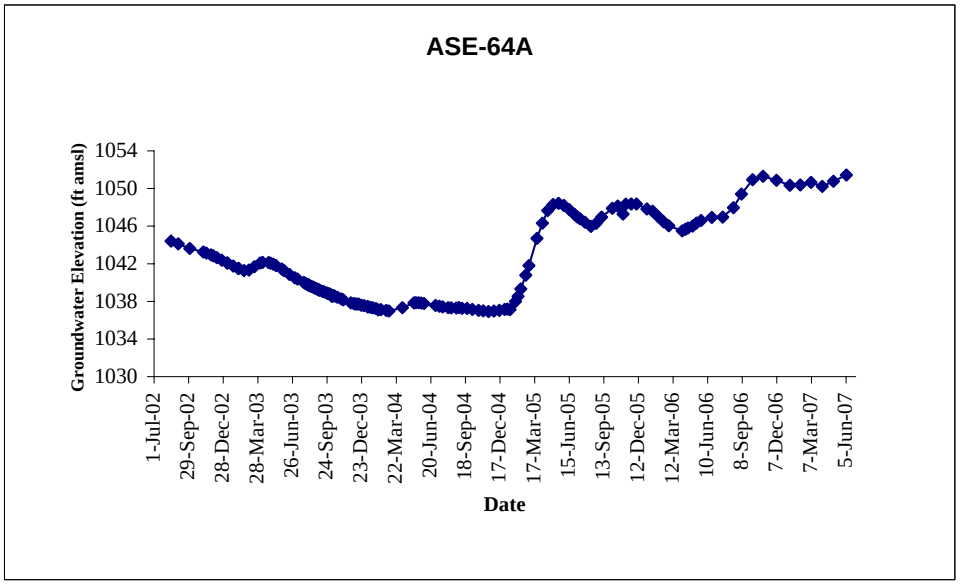

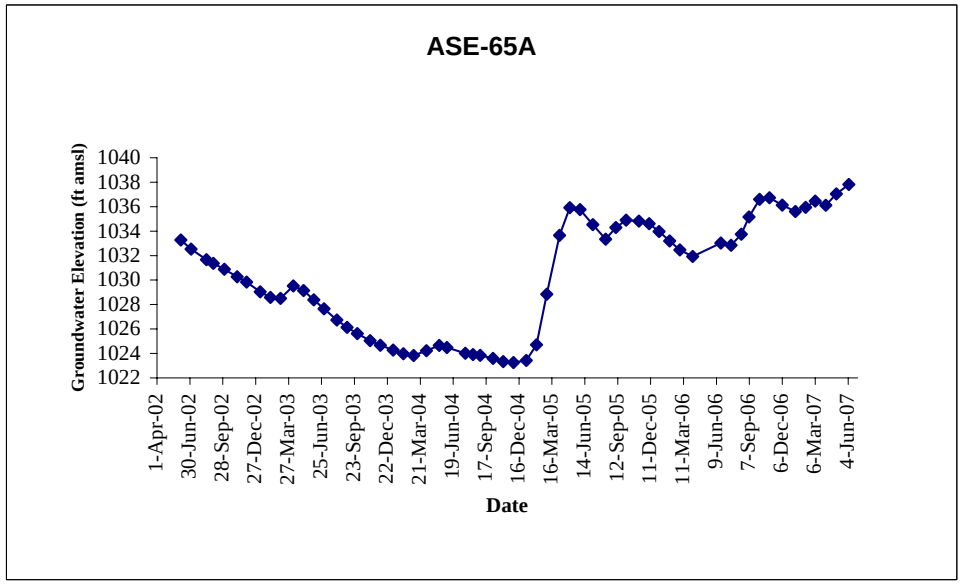

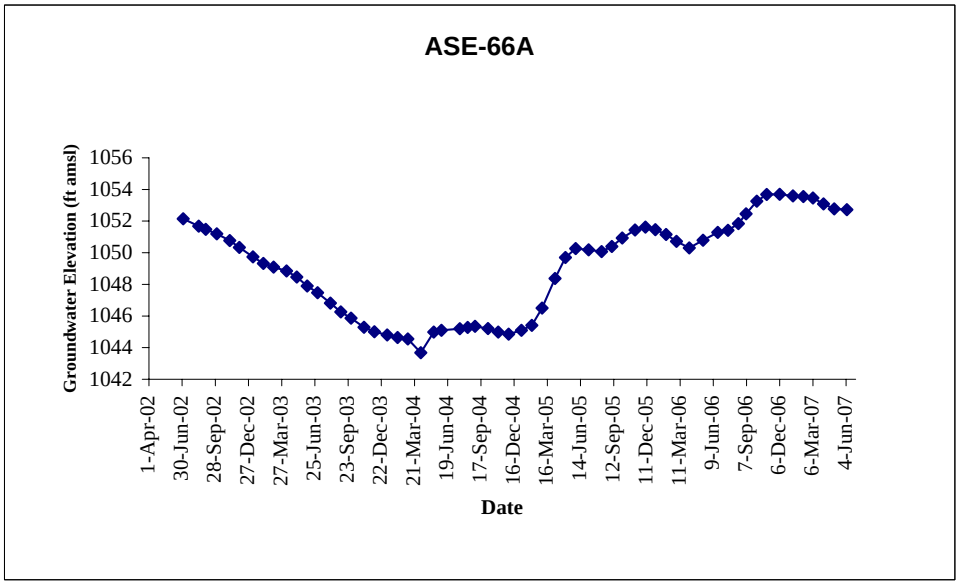

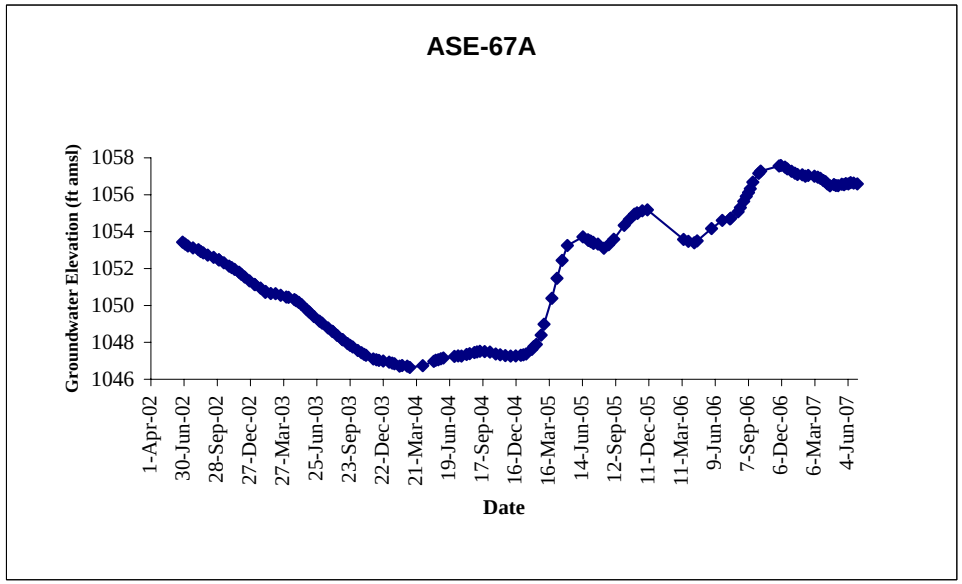

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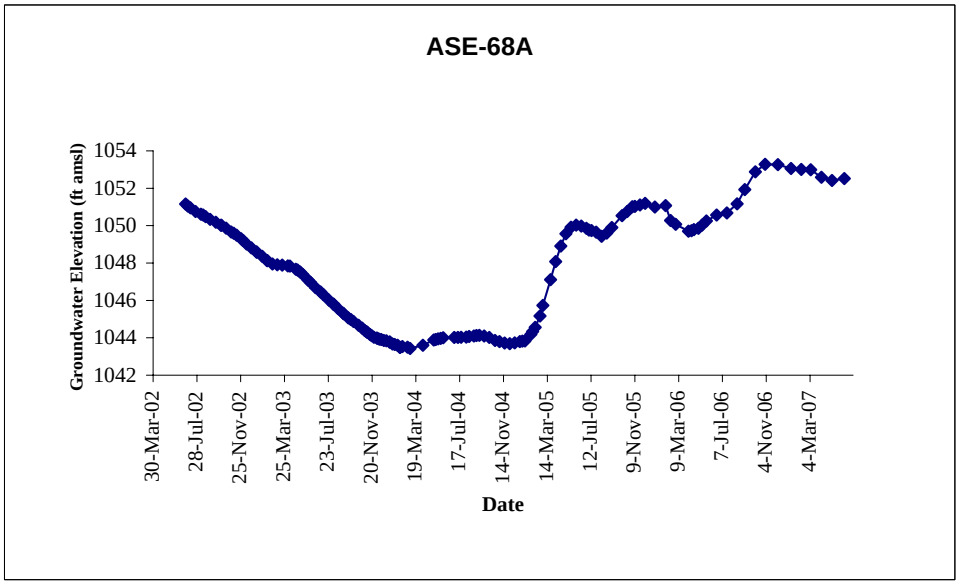

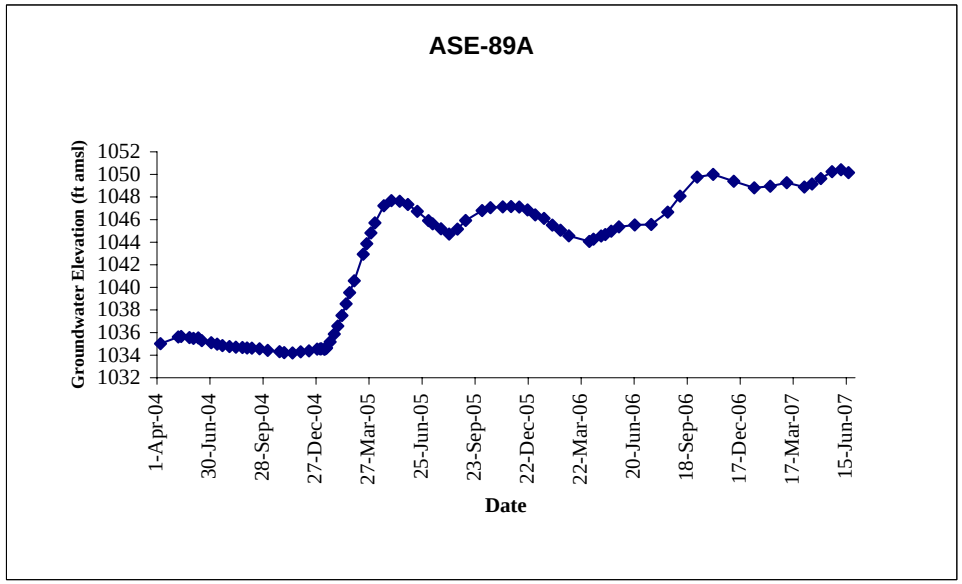

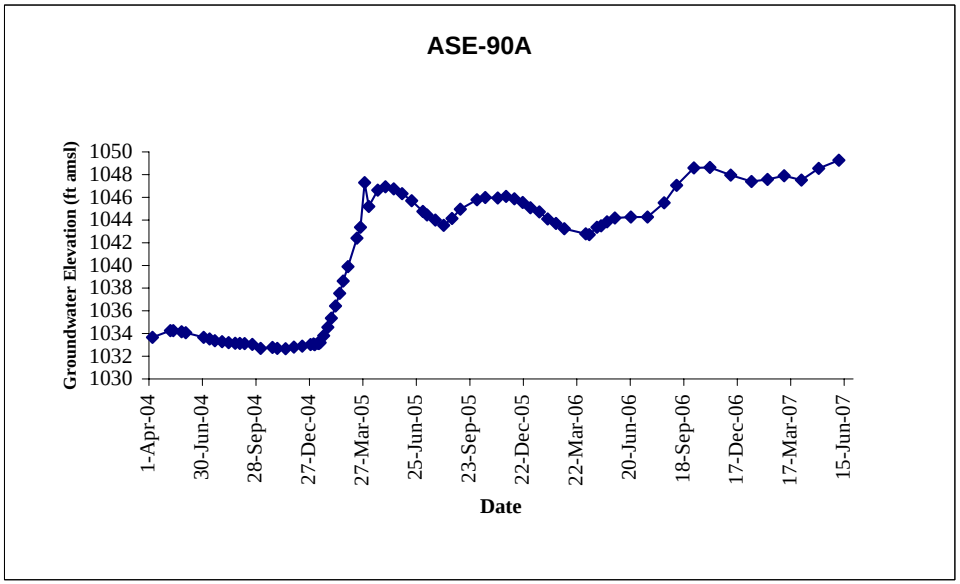

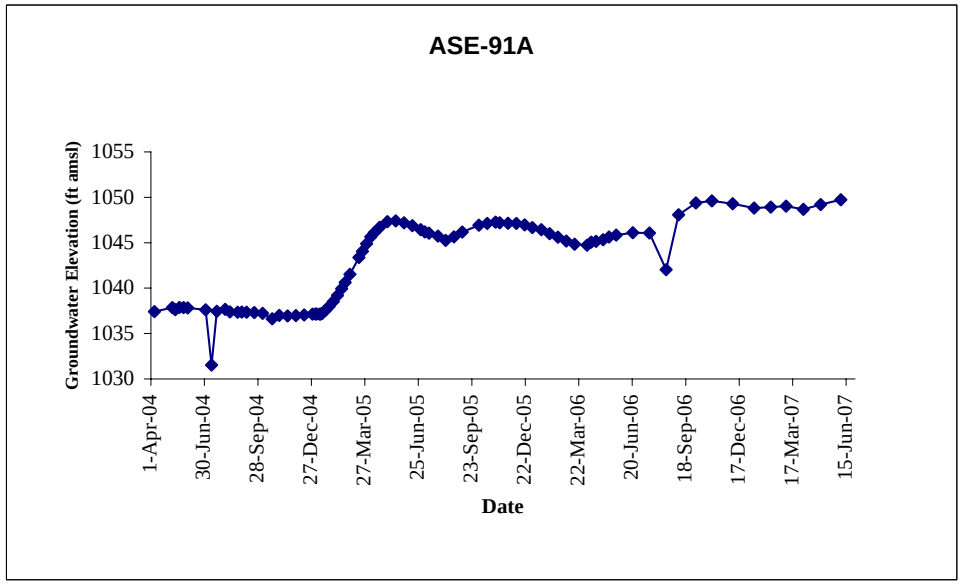

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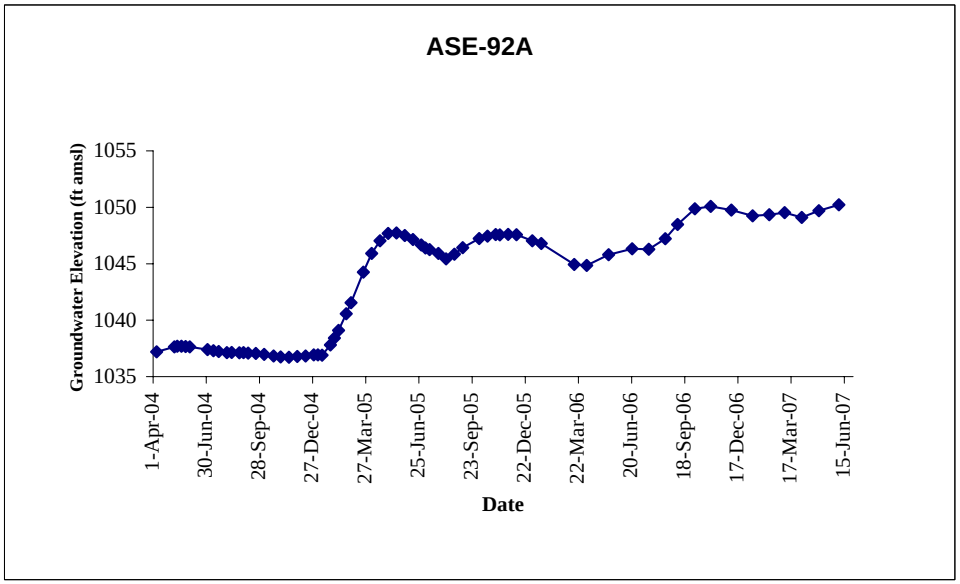

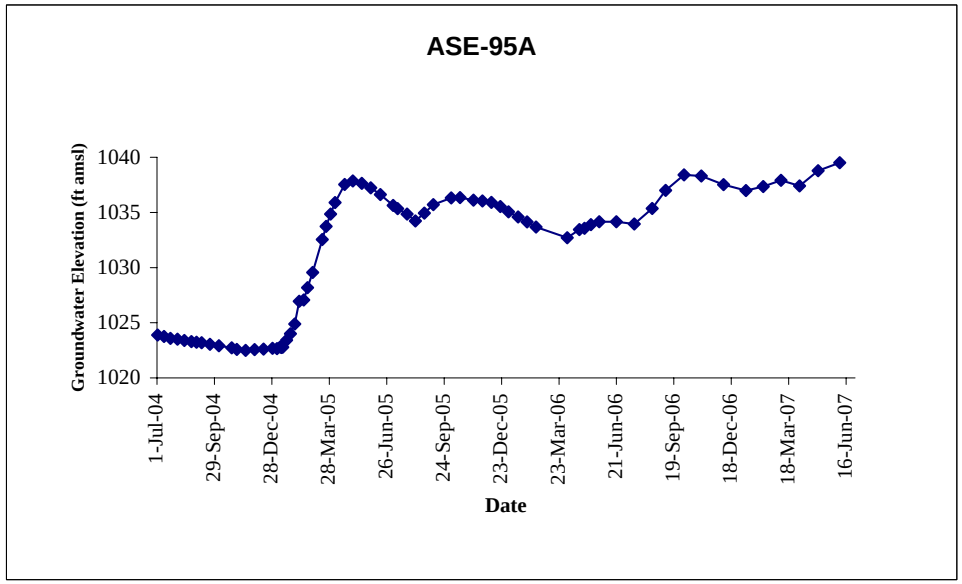

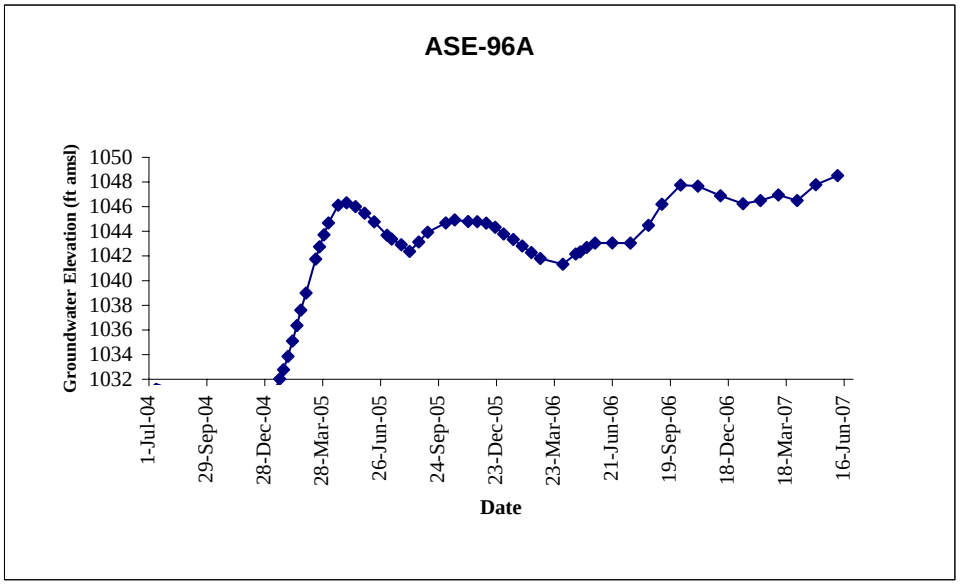

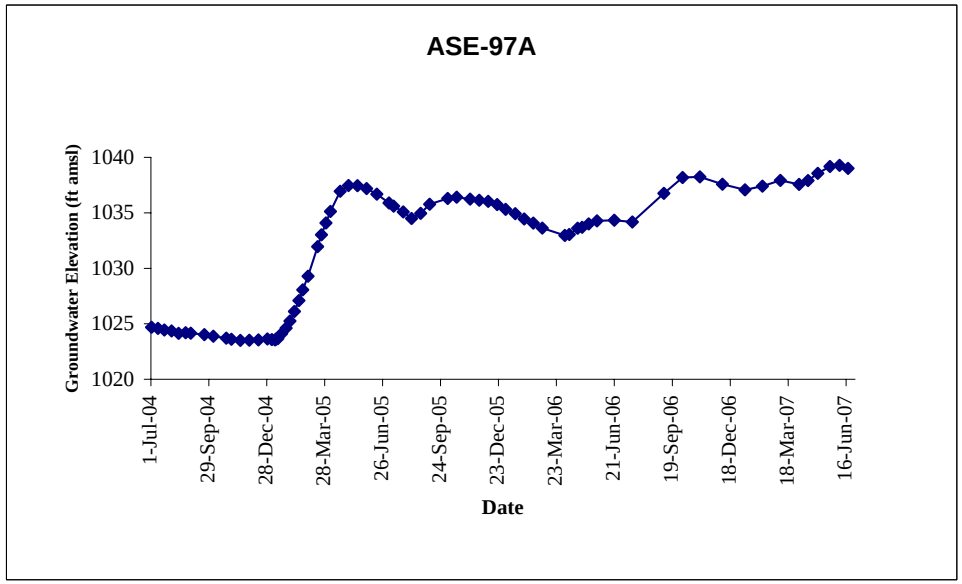

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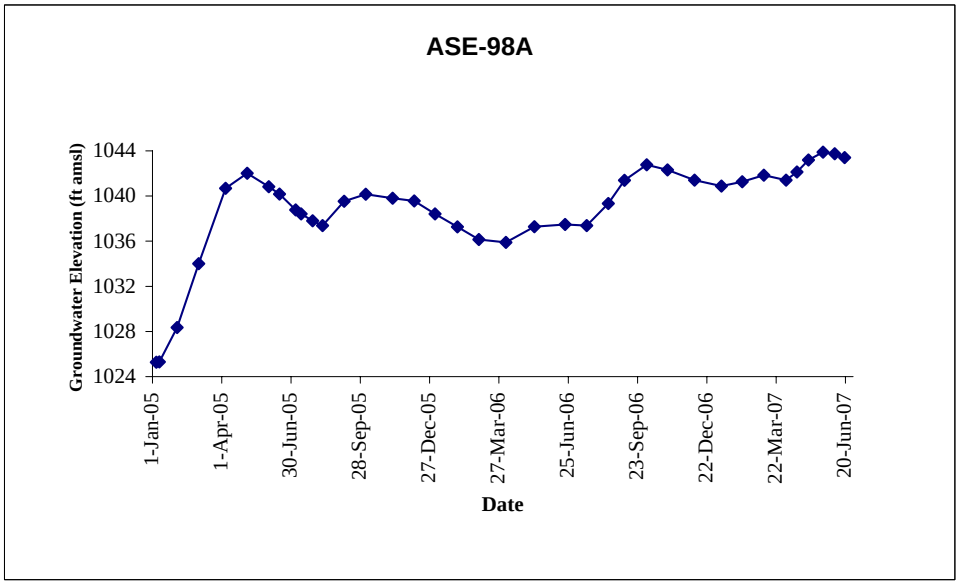

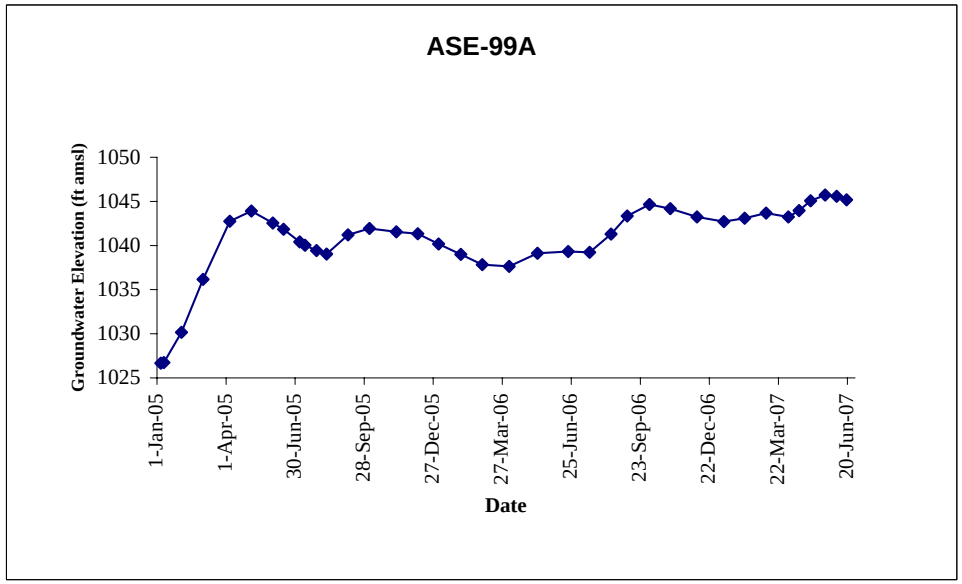

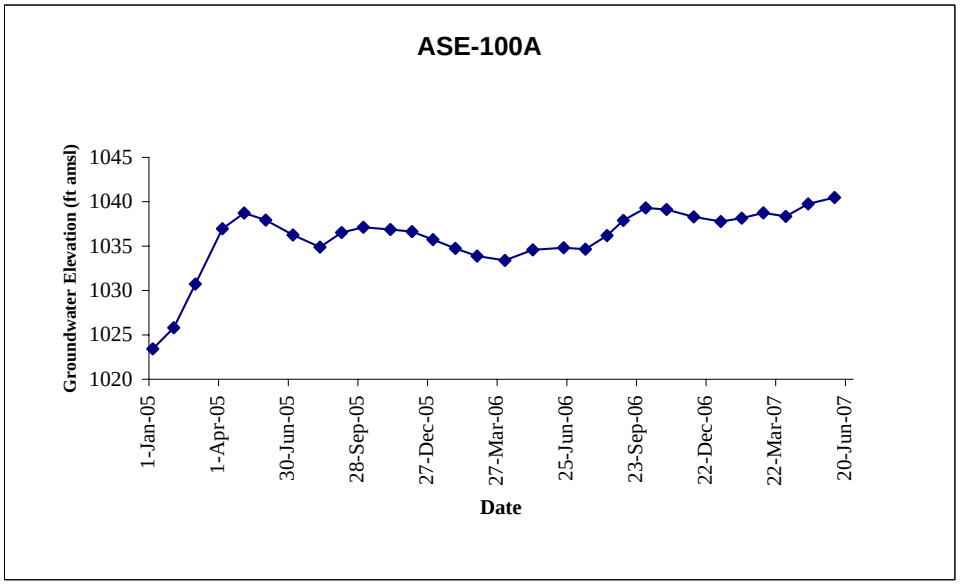

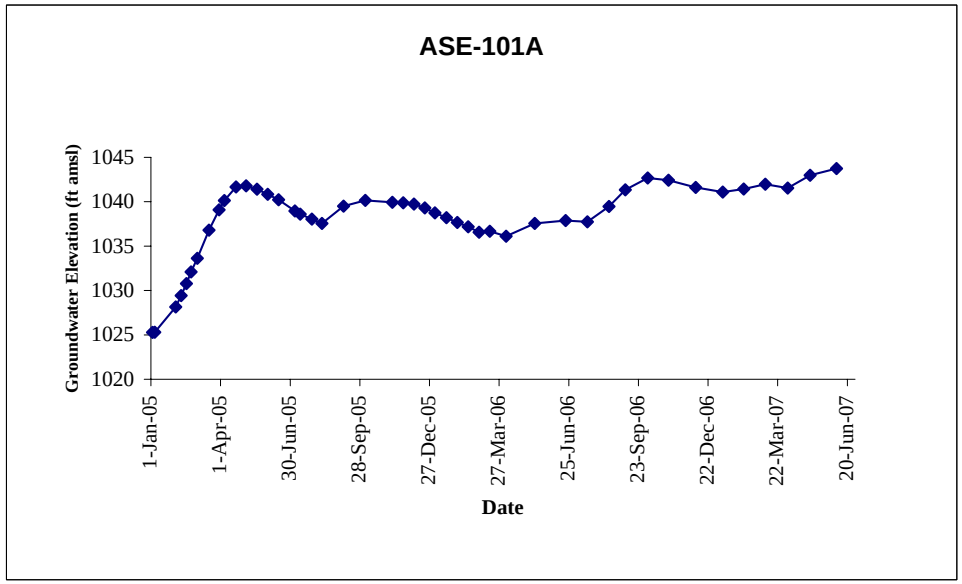

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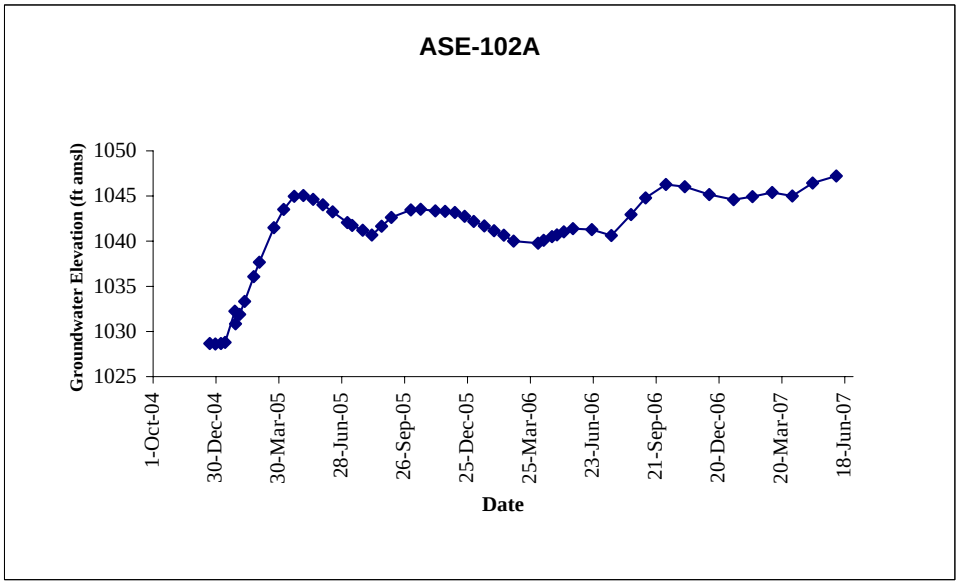

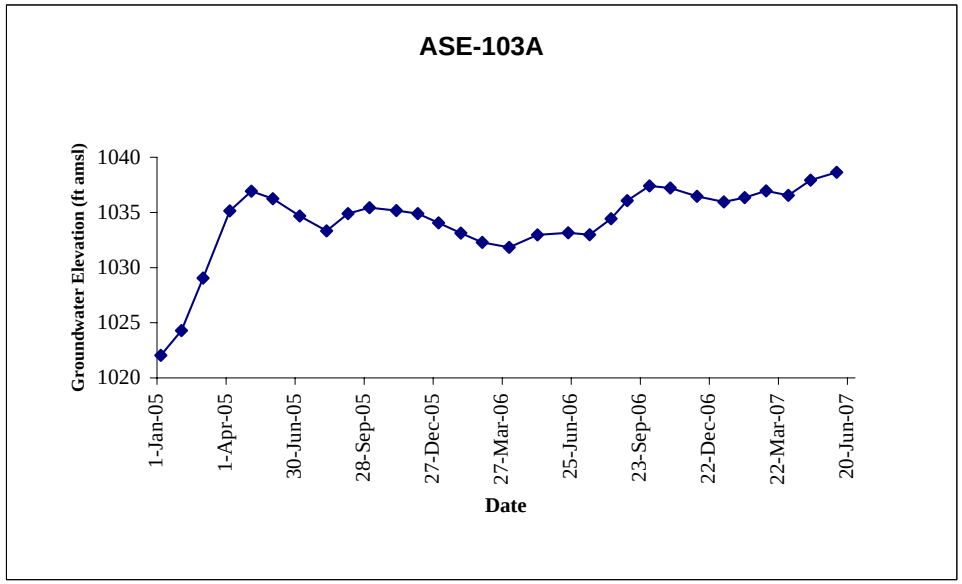

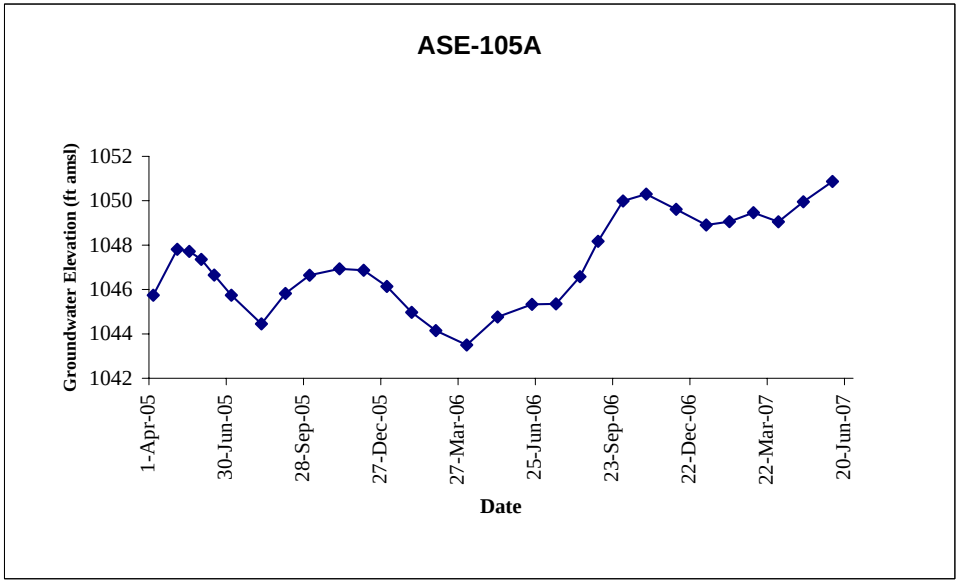

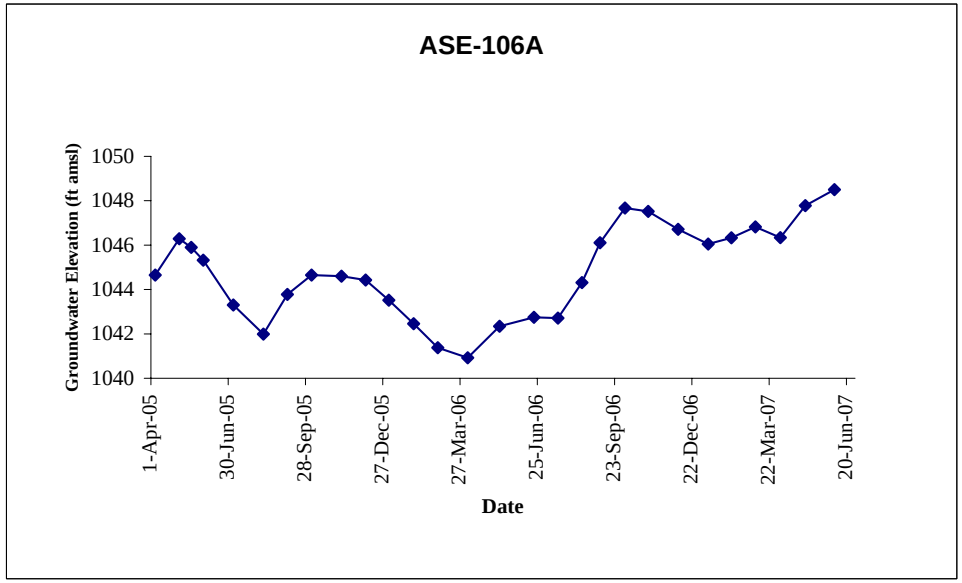

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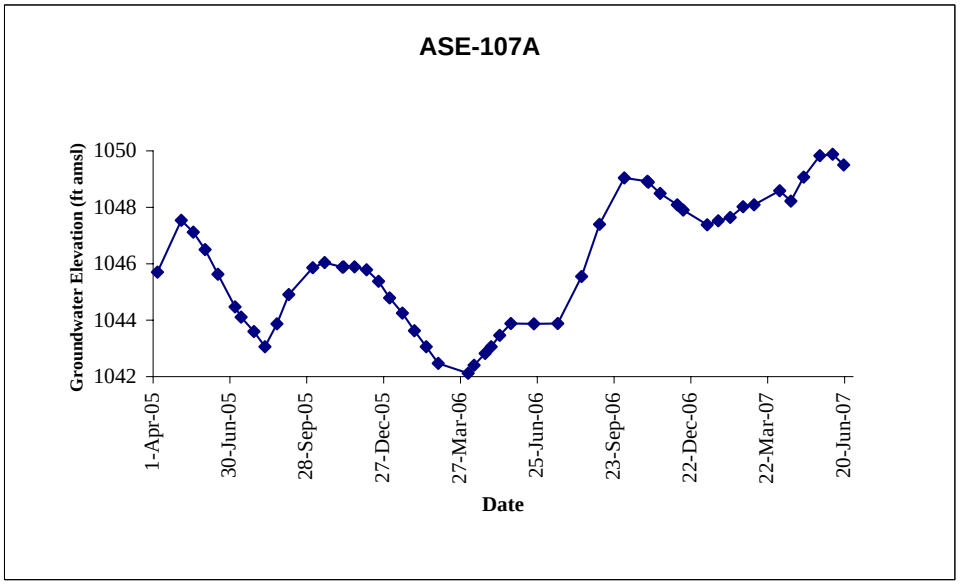

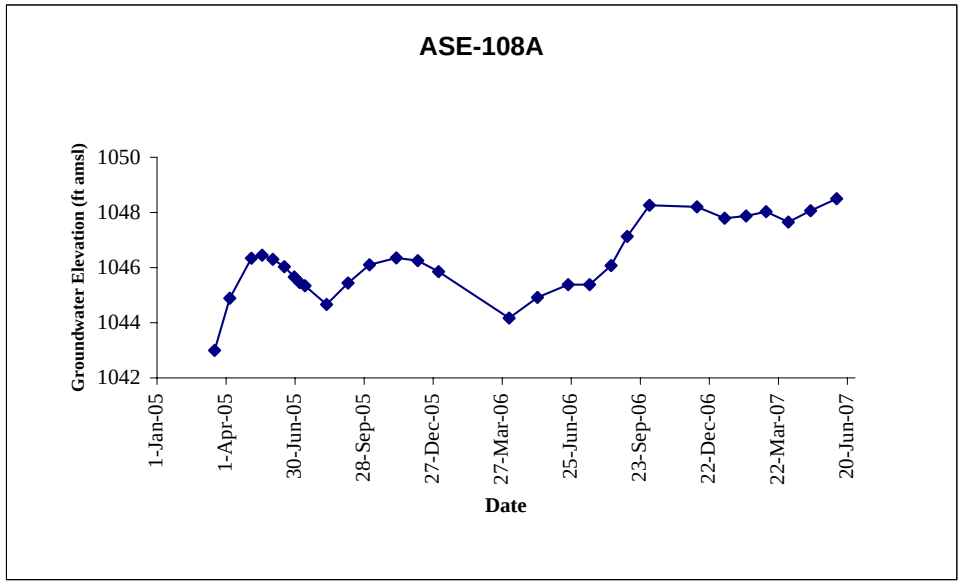

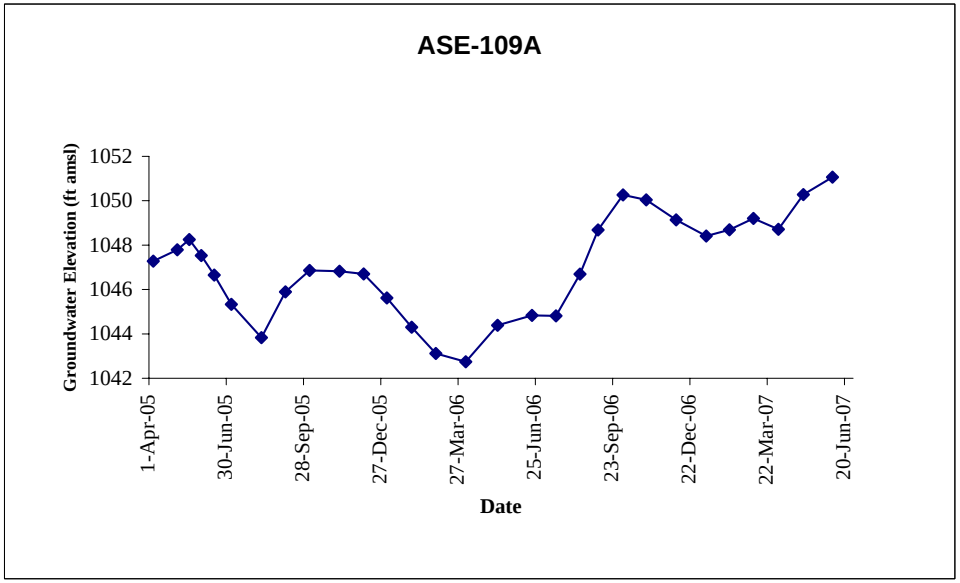

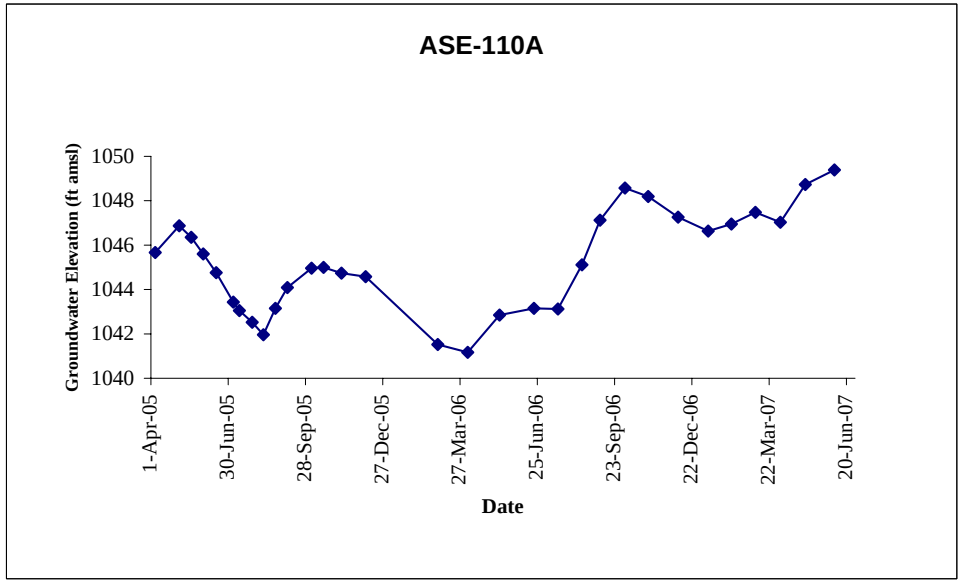

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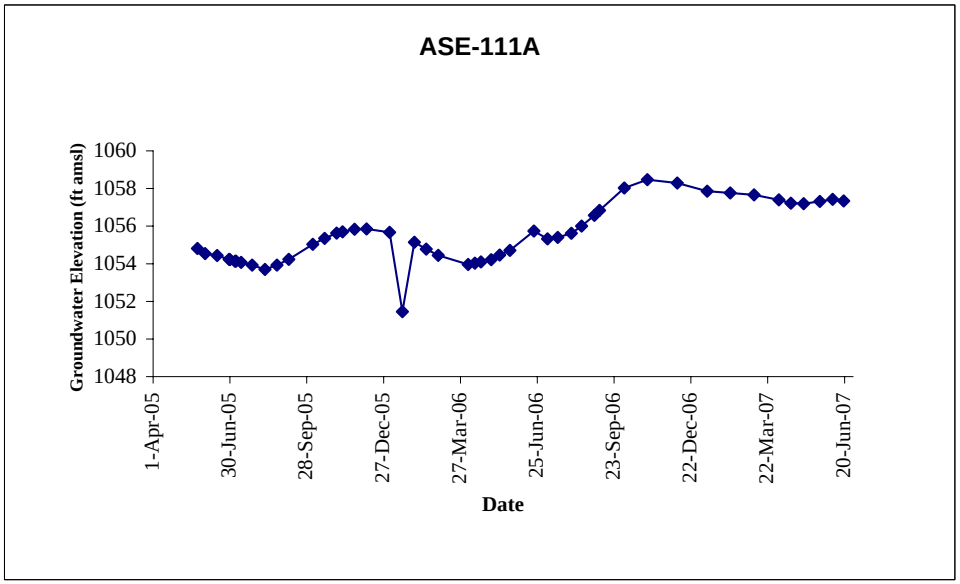

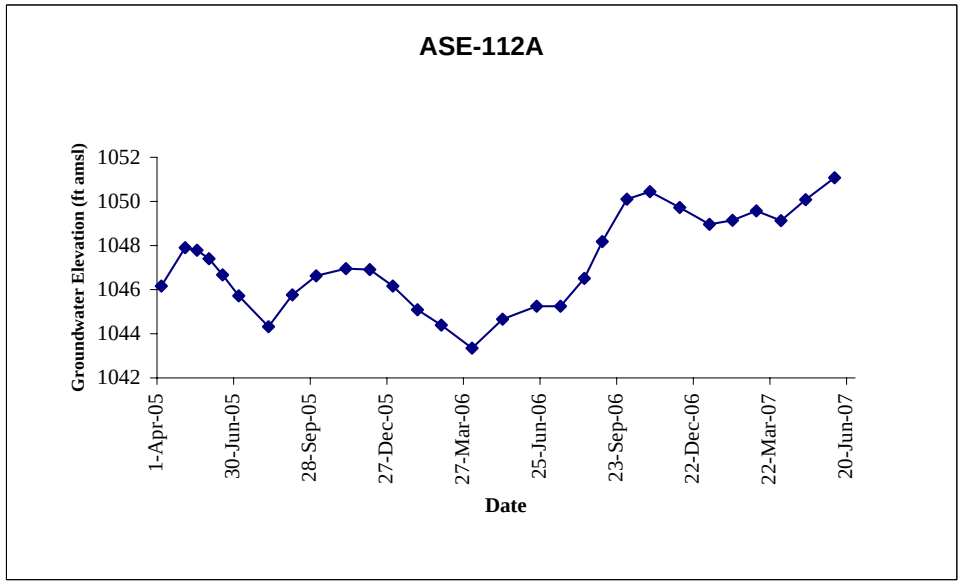

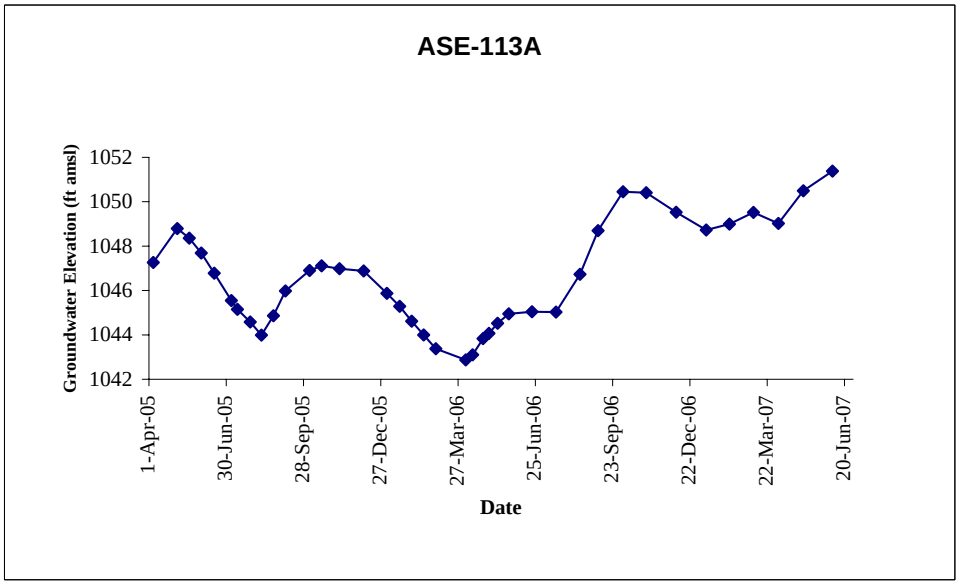

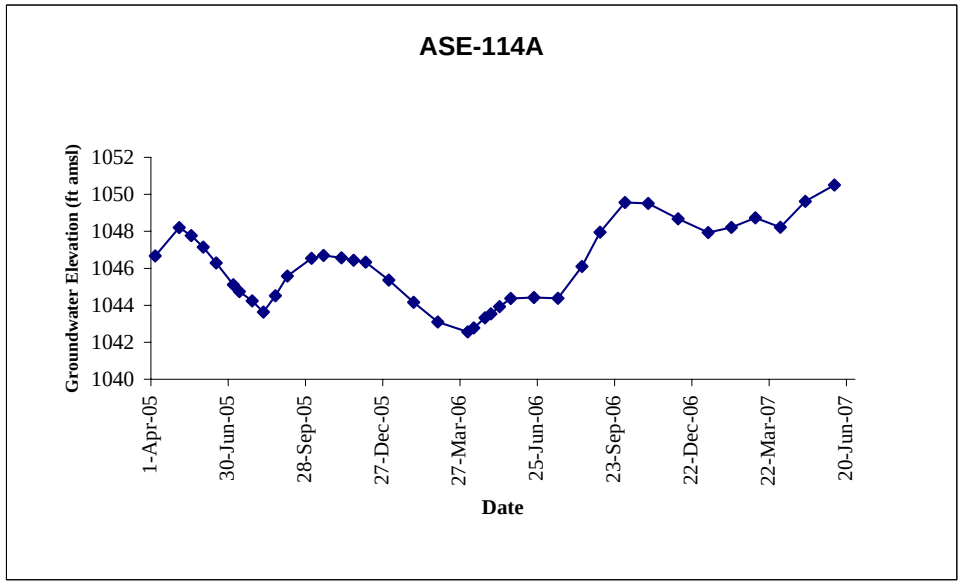

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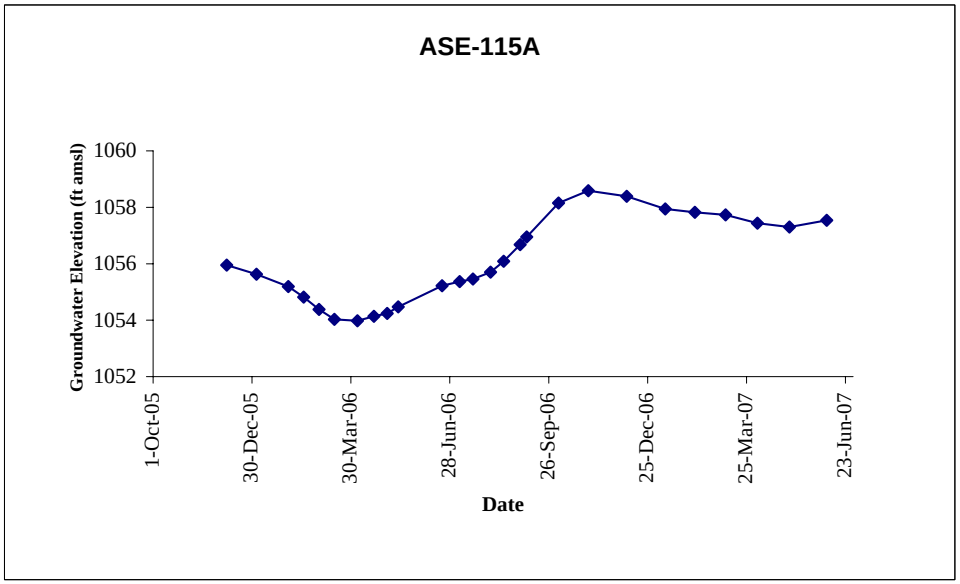

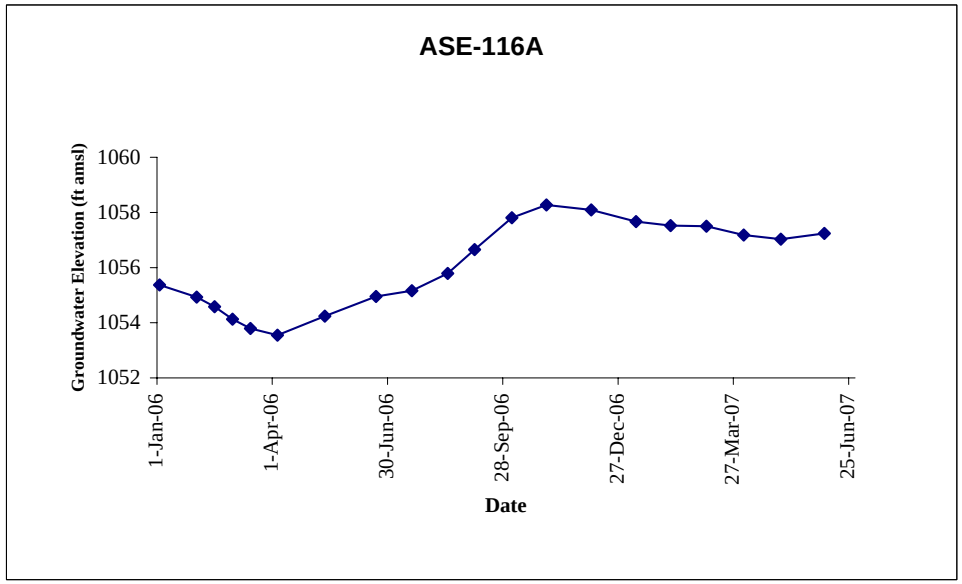

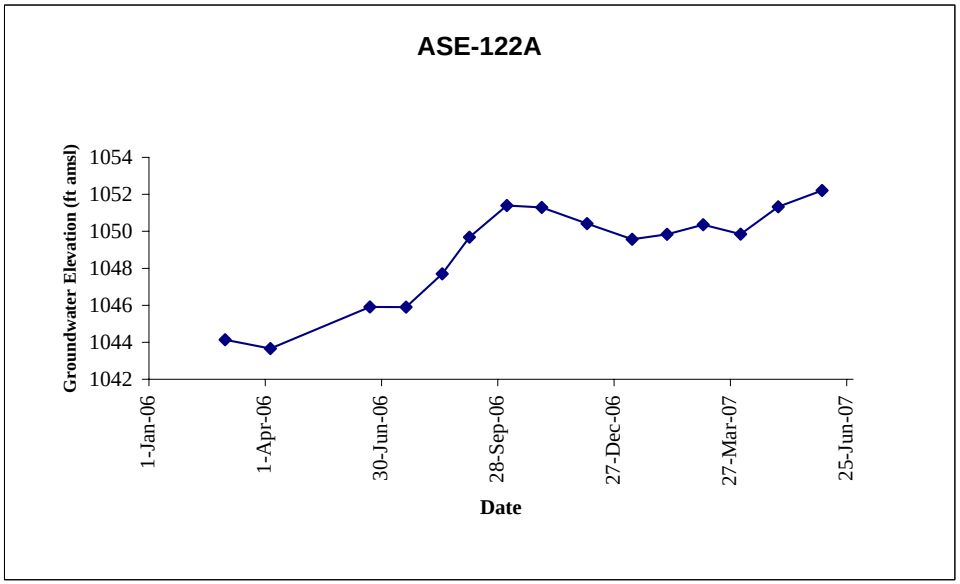

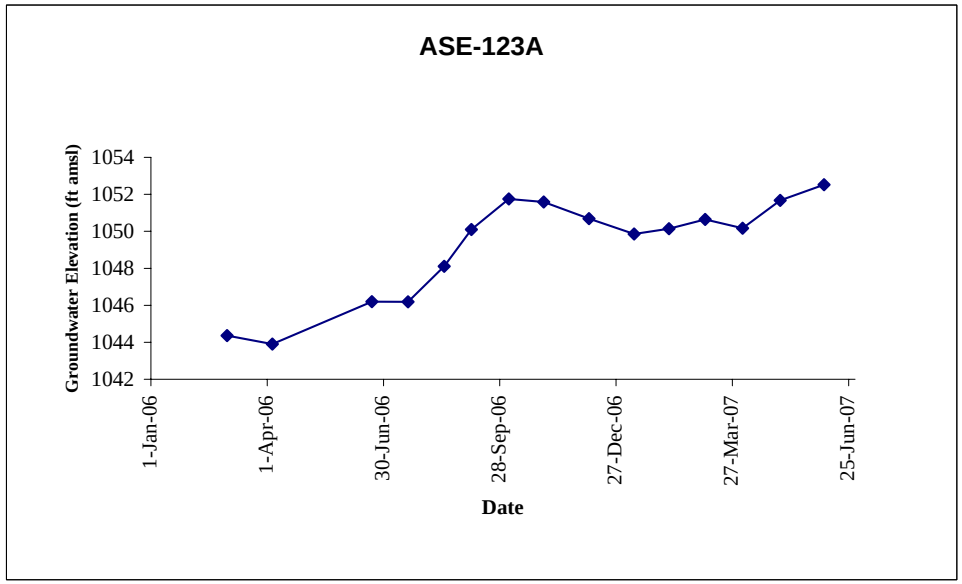

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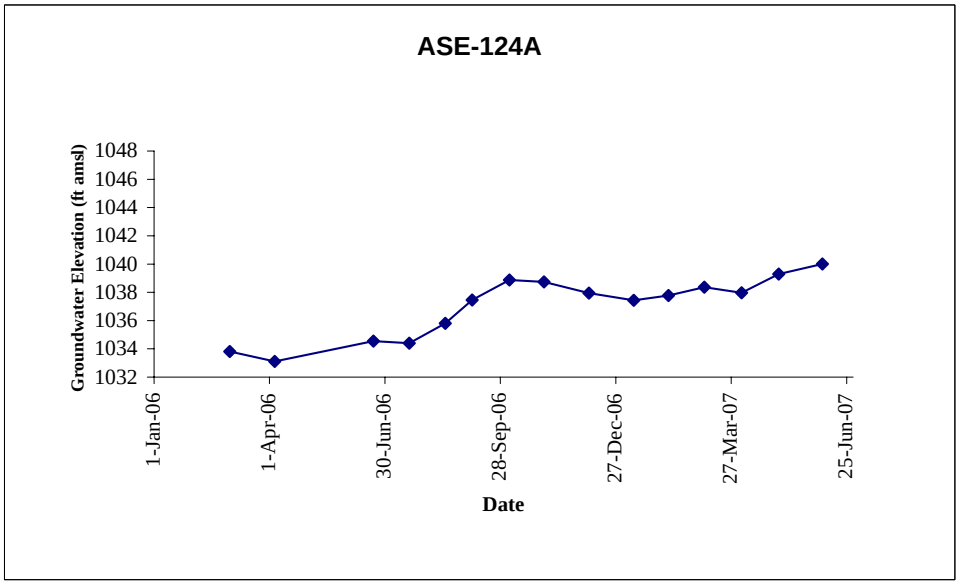

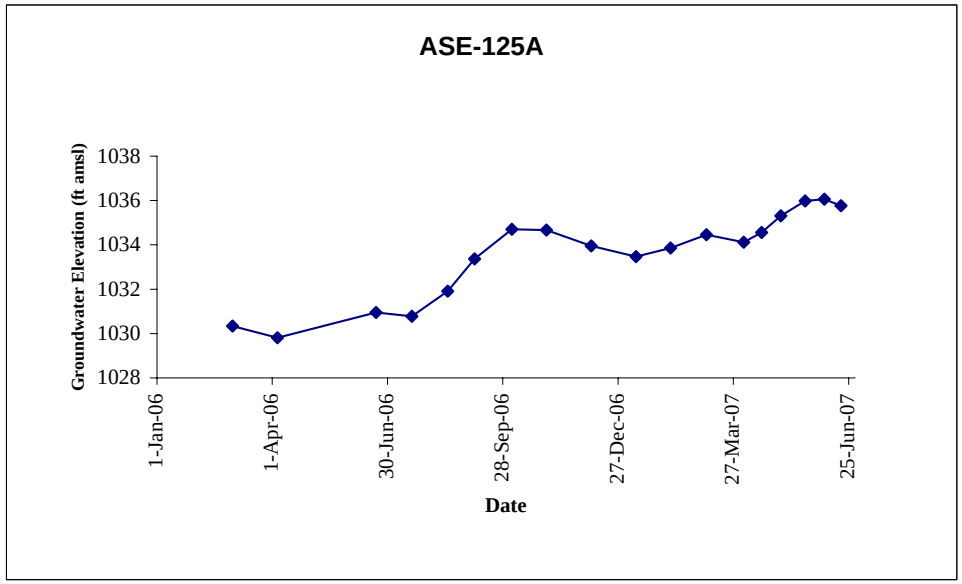

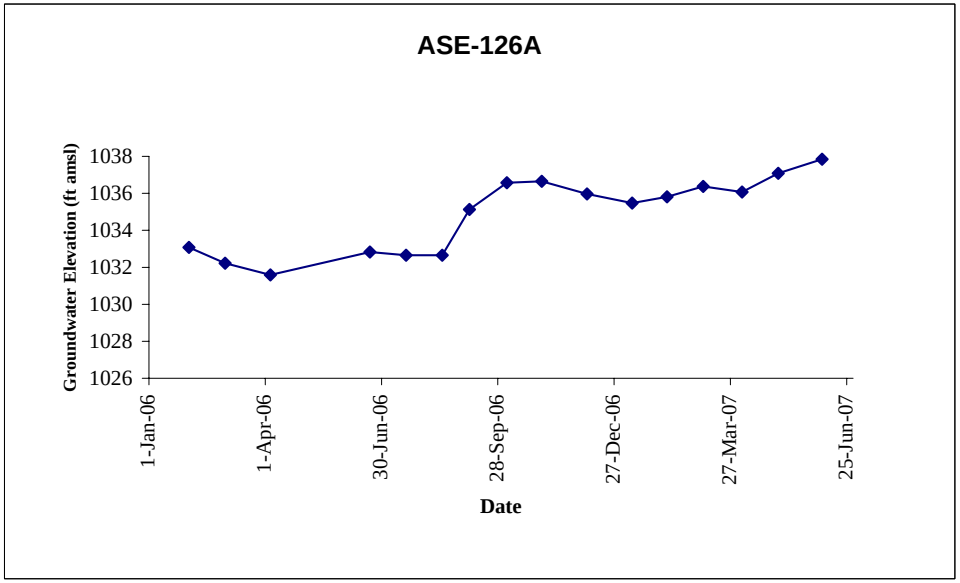

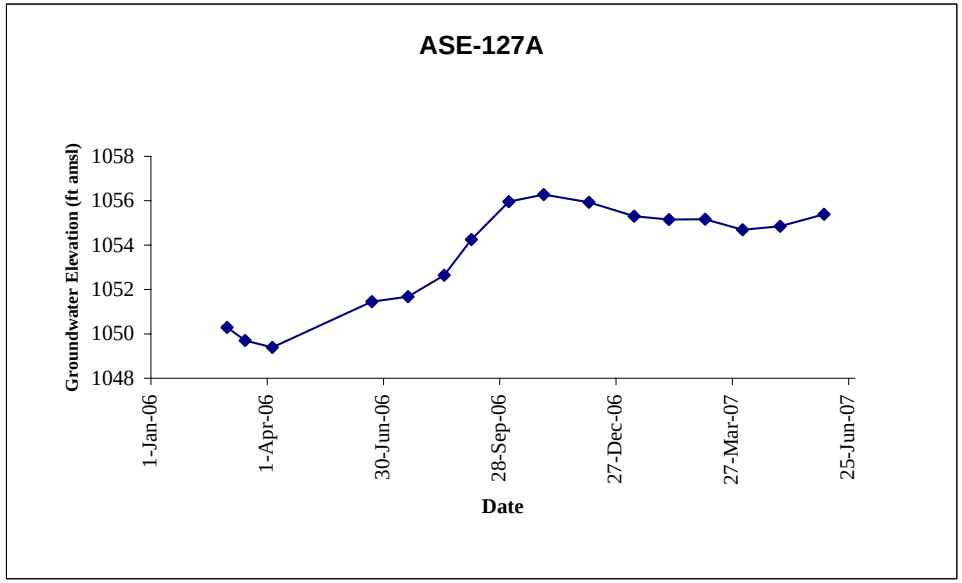

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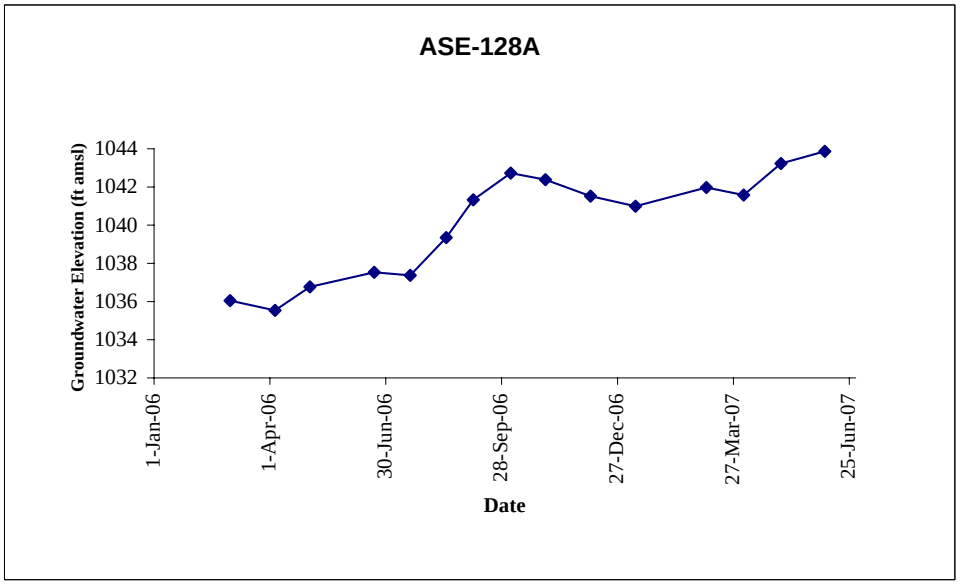

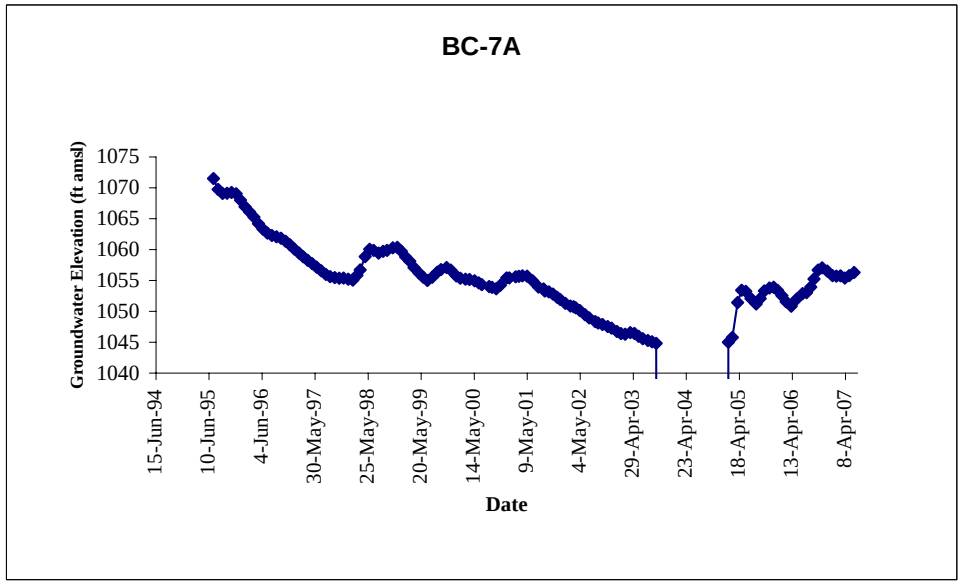

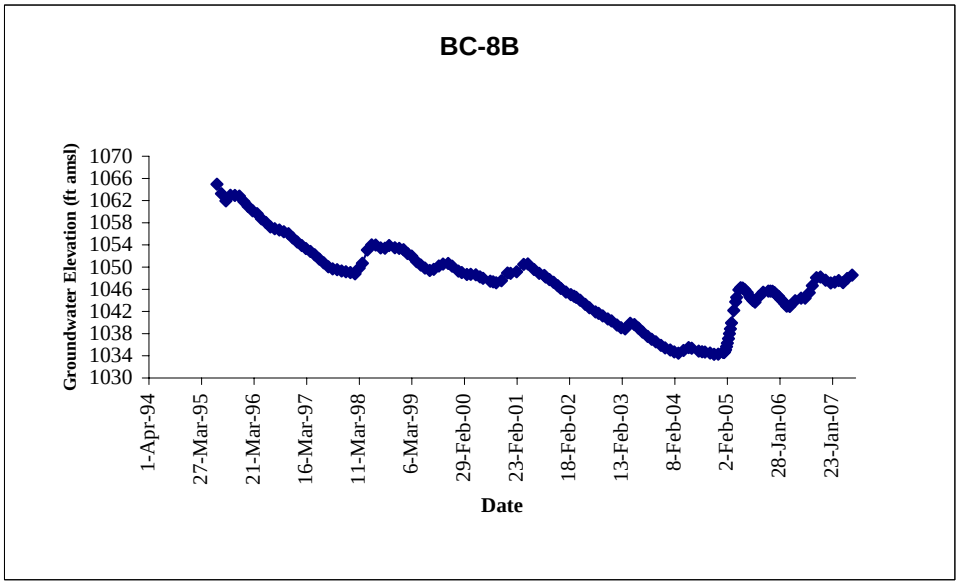

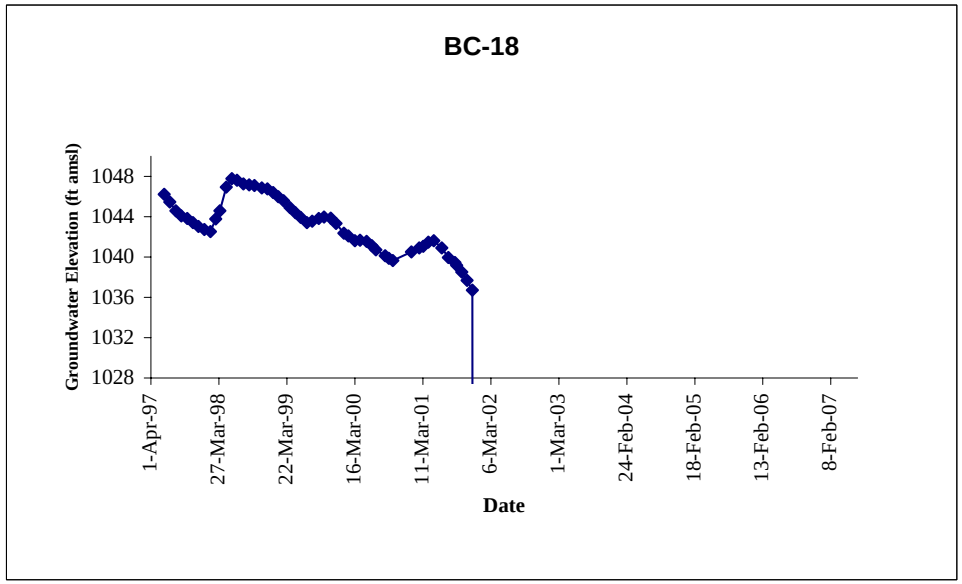

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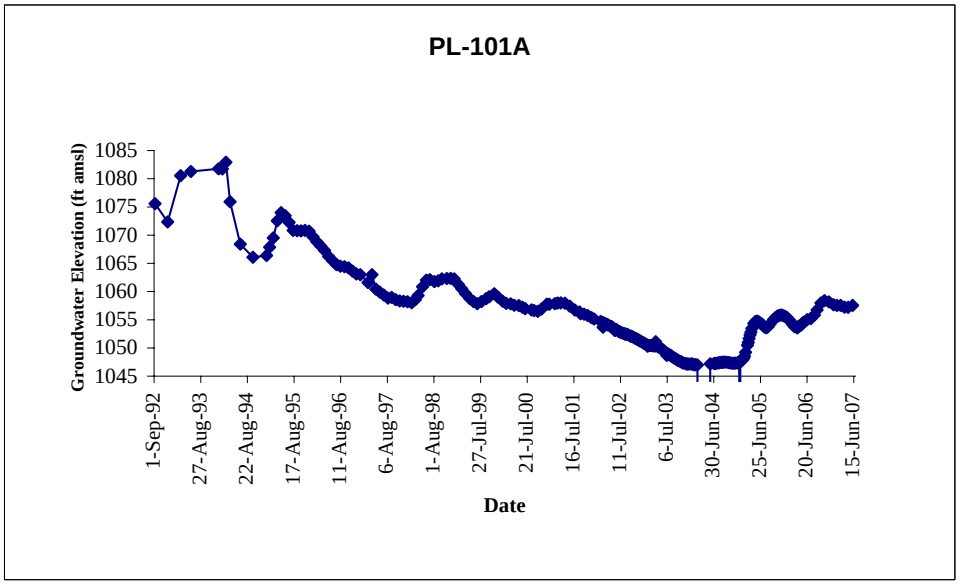

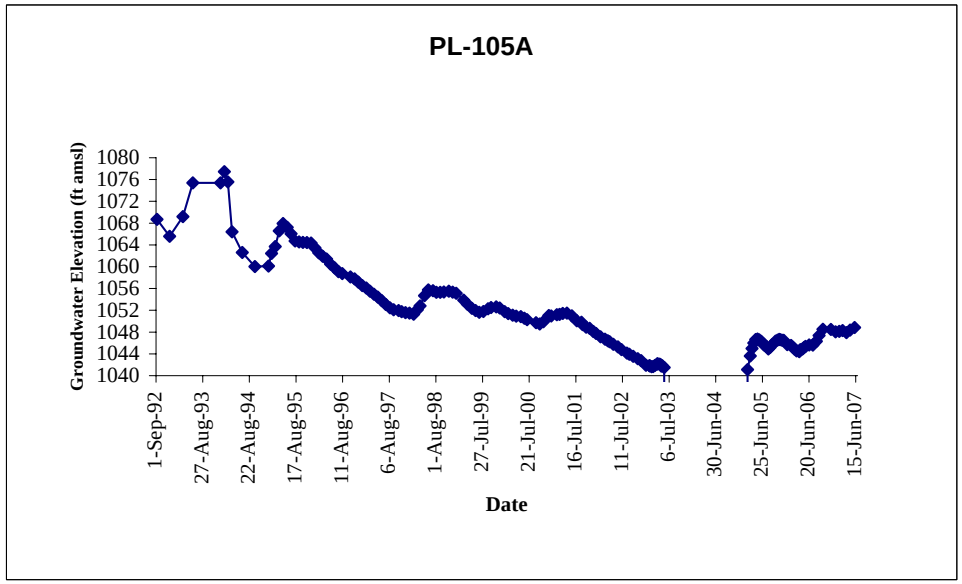

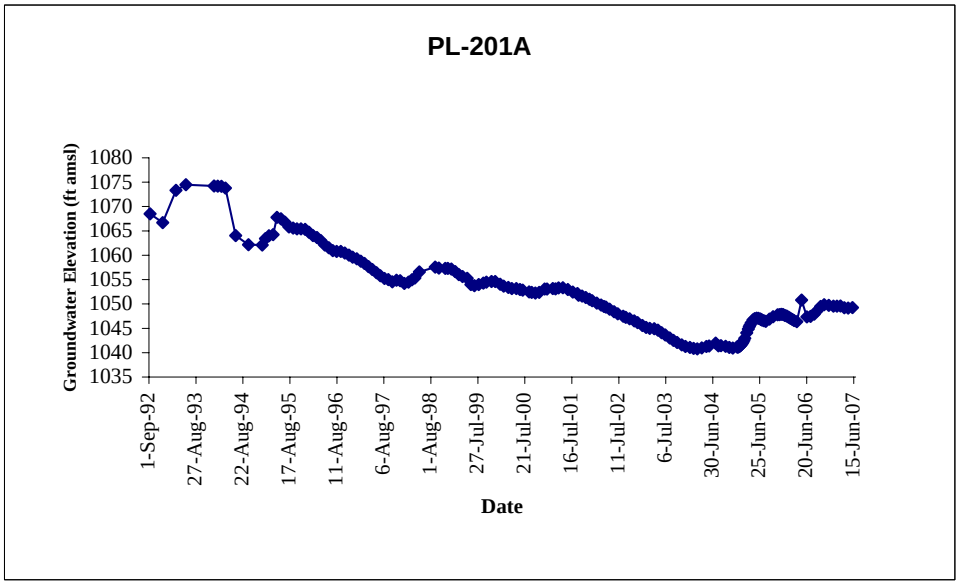

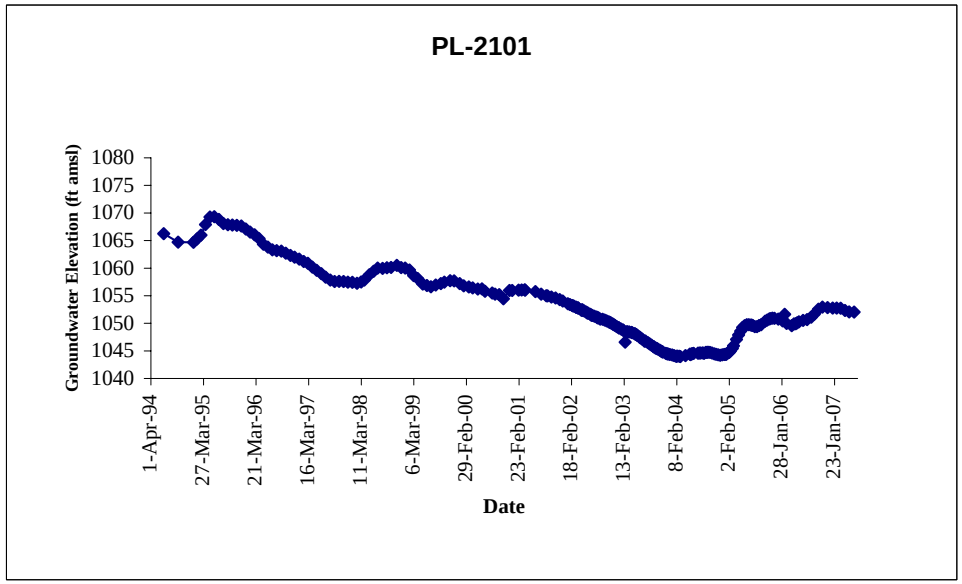

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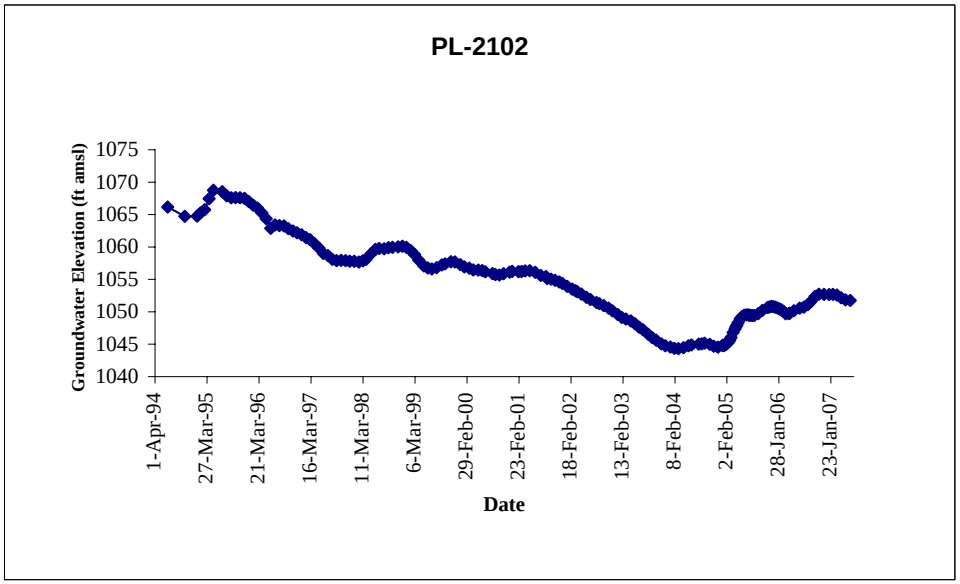

Appendix B
Data Validation and Laboratory Analytical Reports

APPENDIX B

Data Quality Evaluation Report – Second Quarter 2007 Underground Storage Tank Water Monitoring

Introduction

The objective of this data quality evaluation (DQE) report is to assess the data quality of analytical results for water samples collected for the second quarter 2007 monitoring period at the 34th Street facility (Honeywell facility or Facility). Samples were collected and analyzed in an effort to continue providing a framework for long-term monitoring of the Honeywell facility. The data may also be used to support future activities such as feasibility studies, risk assessments, fate and transport modeling and remedial actions. The basis for this assessment includes: individual method requirements, guidelines from the United States Environmental Protection Agency (USEPA) *Contract Laboratory National Functional Guidelines for Organic Data Review* (USEPA, 1999) and the *Honeywell International Inc., Sky Harbor 34th Street Facility Quality Assurance Project Plan* (QAPP) (CH2M HILL, 2005 and Honeywell, 2006). This report is intended as a general data quality assessment designed to summarize data issues.

Analytical Data

This DQE report covers 62 normal water samples, one waste characterization sample, seven water field duplicates, one equipment blank, and six trip blanks. A list of samples and collection dates is included in Attachment 1 at the end of this report. Samples were collected between June 11, 2007 and June 20, 2007. These sample results were reported as six sample delivery groups (SDG) listed in Table 1. The analyses were performed by Severn Trent Laboratories located in Denver, Colorado (STL-CO).

Table 1 – SDGs by Laboratory

SDG	Laboratory
D7F130306	STL-CO
D7F130320	STL-CO
D7F140457	STL-CO
D7F160199	STL-CO
D7F200363	STL-CO
D7F210295	STL-CO

Three methods were used to analyze the environmental samples. Samples were collected and shipped by overnight carrier to the laboratory 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
Total Petroleum Hydrocarbons (TPH) (diesel and motor oil)	SW8015	STL-CO

Data validation was performed in accordance with the *Contract Laboratory National Functional Guidelines for Organic Data Review* (USEPA, 1999), substituting the calibration and quality control requirements specified in the Honeywell QAPP (CH2M HILL, 2005 and Honeywell, 2006) for those specified in the National Functional Guidelines.

The assessment of data includes a review of: (1) the chain-of-custody documentation; (2) holding-time compliance; (3) the required field and laboratory quality control samples; (4) flagging for method blanks; (5) laboratory control sample (LCS) recoveries; (6) surrogate spike recoveries; and, (7) matrix spike/matrix spike duplicate samples (MS/MSD).

Field samples were also reviewed to ascertain field compliance and data quality issues. This included a review of field duplicates, equipment blanks, and trip blanks.

Data flags are assigned according to the Honeywell QAPP (CH2M HILL, 2005 and Honeywell, 2006). 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 = Analyte was analyzed for but not detected at the specified detection limit.
- UJ = 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 5.

Holding Times

All holding-time criteria were met.

Sample Quantitation

All methods were reported to the reporting limit (RL) and all Honeywell QAPP objectives were met for all undiluted analyses.

Several samples required dilution due to high analyte concentrations. The RLs for non-detected analytes in the diluted samples were raised accordingly. Table 3 lists the methods and samples analyzed at a dilution.

Table 3 – Samples Analyzed Diluted

Method	Sample ID	Dilution Factor
SW8260	ASE-111A-7B1	4
SW8260	ASE-115A-7B1	5, 50
SW8260	ASE-116A-7B1	2, 20
SW8260	ASE-37A-7B1	5
SW8260	ASE-38A-7B1	4, 40
SW8260	ASE-39A-7B1	2.66, 26.67
SW8260	ASE-41A-7B1	10
SW8260	ASE-46A-7B1	4
SW8260	ASE-51A-7B1	2, 20
SW8260	ASE-52A-7B1	2, 5
SW8260	ASE-56A-7B1	4, 20
SW8260	ASE-57A-7B1	2, 20
SW8260	ASE-63A-7B1	5, 133.3
SW8260	ASE-64A-7B1	2, 20
SW8260	ASE-68A-7B1	10
SW8260	ASE-89A-7B1	2, 20
SW8260	ASE-90A-7B1	10
SW8260	ASE-91A-7B1	6.66
SW8260	ASE-92A-7B1	2, 20
SW8260	ASE-95A-7B1	4
SW8260	ASE-96A-7B1	2, 20
SW8260	PL-101A-7B1	10
SW8260	PL-105A-7B1	2
SW8260	PL-503-7B1	10
SW8260	PL-505-7B1	10
SW8260	PL-507-7B1	2, 20
SW8260	PL-508-7B1	4

Calibration

Calibration information was not supplied in the Level II validation reports and could not be directly verified to have met the Honeywell QAPP control criteria. However, the laboratory case narratives and/or footnotes in the laboratory data packages were reviewed by the data validator and there was an exception noted.

The recovery of naphthalene was below criteria in a continuing calibration verification (CCV) standard for method SW8260B, indicating the associated sample results are possibly biased low. Three associated detected results were qualified as estimated and flagged "J" and 16 non-detected results were flagged "UJ".

Method Blanks

Method blanks were analyzed at the required frequency and were free of contamination.

Field Blanks

Equipment blanks and trip blanks were collected as required. The associated field samples were evaluated against the maximum concentration detected in the field blanks. The field blanks were free of contamination.

Field Duplicates

Seven field duplicate sets were collected and analyzed with this event. A list of field duplicates and associated parent samples is included in Table 4.

Table 4 – List of Field Duplicates

Field Duplicate Sample ID	Associated Parent Sample ID
PL-502-7B1	ASE-58A-7B1
PL-503-7B1	ASE-90A-7B1
PL-504-7B1	ASE-103A-7B1
PL-505-7B1	PL-101A-7B1
PL-506-7B1	ASE-62A-7B1
PL-507-7B1	ASE-51A-7B1
PL-508-7B1	ASE-111A-7B1

All relative percent difference (RPD) criteria were met.

Surrogates

Surrogates were recovered within laboratory established QC limits.

Laboratory Control Samples

LCSs were analyzed as required and were within established QC limits with the following exception:

The recovery of naphthalene was below criteria in a LCS for method SW8260B, indicating the associated sample results are possibly biased low. Three associated detected results were qualified as estimated and flagged "J" and 16 non-detected results were 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-98A-7B1 for method SW8260 was recovered less than the acceptance criteria for seven analytes. The associated non-detected sample results were qualified as estimated and flagged "UJ". In addition, one analyte was recovered below 10 percent and the associated non-detected result was rejected for project use and flagged "R".

Internal Standards

Internal standard data were not supplied and could not be directly verified to have met the Honeywell 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 and no exceptions were noted.

Tentatively Identified Compounds

Tentatively identified compounds were not reported by the laboratory.

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 parameters were based on the *Contract Laboratory National Functional Guidelines for Organic Data Review* (USEPA, 1999). The following summary highlights the precision, accuracy, representativeness, completeness, and comparability findings for the above-defined events:

1. One result was rejected due to low MS/MSD recoveries. Overall completeness goals were met.
2. No data were qualified due to low-level blank contamination.
3. Twenty-seven samples for method SW8260 were analyzed diluted resulting in raised RLs for non-detected analytes.
4. A CCV exceedance was observed for one analyte by method SW8260, resulting in 19 results qualified as estimated.
5. LCS recovery exceedances for method SW8260 resulted in 19 results qualified as estimated.

6. MS/MSD recovery exceedances for method SW8260 suggest matrix effect in several samples; seven results were qualified as estimated.
7. The precision and accuracy of the data, as measured by field and laboratory QC indicators, suggest that the project goals have been met.

References

CH2M HILL. 2005. *Honeywell International Inc., Sky Harbor 34th Street Facility, 111 South 34th Street, Phoenix, Arizona; Quality Assurance Project Plan.* September.

Honeywell International, Inc.. 2006. *Response to Comments on the Quality Assurance Project Plan dated September 2005; Honeywell International Inc. Sky Harbor 34th Street Facility*. July 13.

United States Environmental Protection Agency (USEPA). 1999. *Contract Laboratory National Functional Guidelines for Organic Data Review.* October.

Table 5 – Validation Findings

Method	NativeID	Analyte	Final Result	Units	Final Flag	Validation Reason
SW8260	ASE-100A-7B1	Naphthalene	2	ug/L	UJ	LCSL,CCVL
SW8260	ASE-101A-7B1	Naphthalene	2	ug/L	UJ	LCSL,CCVL
SW8260	ASE-102A-7B1	Naphthalene	2	ug/L	UJ	LCSL,CCVL
SW8260	ASE-103A-7B1	Naphthalene	2	ug/L	UJ	LCSL,CCVL
SW8260	ASE-109A-7B1	Naphthalene	2	ug/L	UJ	LCSL,CCVL
SW8260	ASE-110A-7B1	Naphthalene	2	ug/L	UJ	LCSL,CCVL
SW8260	ASE-123A-7B1	Naphthalene	2	ug/L	UJ	LCSL,CCVL
SW8260	ASE-127A-7B1	Naphthalene	2	ug/L	UJ	LCSL,CCVL
SW8260	ASE-37A-7B1	Naphthalene	11	ug/L	J	LCSL,CCVL
SW8260	ASE-59A-7B1	Naphthalene	2	ug/L	UJ	LCSL,CCVL
SW8260	ASE-60A-7B1	Naphthalene	2	ug/L	UJ	LCSL,CCVL
SW8260	ASE-61A-7B1	Naphthalene	2	ug/L	UJ	LCSL,CCVL
SW8260	ASE-98A-7B1	1,2-Dibromo-3-chloropropane	5	ug/L	UJ	MSL
SW8260	ASE-98A-7B1	2-Chloroethyl vinyl ether	3	ug/L	R	MSL, MSDL
SW8260	ASE-98A-7B1	Acetone	20	ug/L	UJ	MSL, MSDL
SW8260	ASE-98A-7B1	Bromochloromethane	5	ug/L	UJ	MSL
SW8260	ASE-98A-7B1	Naphthalene	2	ug/L	UJ	LCSL,CCVL, MSL
SW8260	ASE-98A-7B1	Styrene	2	ug/L	UJ	MSDL,MSDP
SW8260	ASE-98A-7B1	Trichloroethene	1	ug/L	UJ	MSL
SW8260	ASE-98A-7B1	Vinyl acetate	25	ug/L	UJ	MSL, MSDL
SW8260	BC-7A-7B1	Naphthalene	2	ug/L	UJ	LCSL,CCVL
SW8260	PL-101A-7B1	Naphthalene	120	ug/L	J	LCSL,CCVL
SW8260	PL-504-7B1	Naphthalene	2	ug/L	UJ	LCSL,CCVL
SW8260	PL-505-7B1	Naphthalene	150	ug/L	J	LCSL,CCVL
SW8260	TB-061407	Naphthalene	2	ug/L	UJ	LCSL,CCVL
SW8260	TB-061507	Naphthalene	2	ug/L	UJ	LCSL,CCVL

Notes:

CCVL = Continuing calibration recovery less than lower control limit.

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.

MSDP – Matrix spike duplicate RPD above criteria.

Attachment 1

Samples Associated with DQE			
SampleID	**Matrix**	**Sample Date**	**Sample Type**
PL-501-7B1	WATER	06/11/2007	EB
PL-502-7B1	WATER	06/11/2007	FD
PL-503-7B1	WATER	06/13/2007	FD
PL-504-7B1	WATER	06/14/2007	FD
PL-505-7B1	WATER	06/15/2007	FD
PL-506-7B1	WATER	06/18/2007	FD
PL-507-7B1	WATER	06/19/2007	FD
PL-508-7B1	WATER	06/20/2007	FD
ASE-100A-7B1	WATER	06/14/2007	REG
ASE-101A-7B1	WATER	06/14/2007	REG
ASE-102A-7B1	WATER	06/14/2007	REG
ASE-103A-7B1	WATER	06/14/2007	REG
ASE-105A-7B1	WATER	06/13/2007	REG
ASE-106A-7B1	WATER	06/12/2007	REG
ASE-107A-7B1	WATER	06/12/2007	REG
ASE-108A-7B1	WATER	06/18/2007	REG
ASE-109A-7B1	WATER	06/14/2007	REG
ASE-110A-7B1	WATER	06/14/2007	REG
ASE-111A-7B1	WATER	06/20/2007	REG
ASE-112A-7B1	WATER	06/13/2007	REG
ASE-113A-7B1	WATER	06/12/2007	REG
ASE-114A-7B1	WATER	06/12/2007	REG
ASE-115A-7B1	WATER	06/20/2007	REG
ASE-116A-7B1	WATER	06/20/2007	REG
ASE-122A-7B1	WATER	06/13/2007	REG
ASE-123A-7B1	WATER	06/14/2007	REG
ASE-124A-7B1	WATER	06/12/2007	REG
ASE-125A-7B1	WATER	06/12/2007	REG
ASE-126A-7B1	WATER	06/13/2007	REG
ASE-127A-7B1	WATER	06/15/2007	REG
ASE-128A-7B1	WATER	06/12/2007	REG
ASE-20A-7B1	WATER	06/19/2007	REG
ASE-37A-7B1	WATER	06/15/2007	REG
ASE-38A-7B1	WATER	06/20/2007	REG
ASE-39A-7B1	WATER	06/20/2007	REG
ASE-41A-7B1	WATER	06/18/2007	REG
ASE-46A-7B1	WATER	06/11/2007	REG
ASE-51A-7B1	WATER	06/19/2007	REG
ASE-52A-7B1	WATER	06/19/2007	REG
ASE-53A-7B1	WATER	06/19/2007	REG
ASE-54A-7B1	WATER	06/11/2007	REG

Samples Associated with DQE			
SampleID	**Matrix**	**Sample Date**	**Sample Type**
ASE-55A-7B1	WATER	06/18/2007	REG
ASE-56A-7B1	WATER	06/19/2007	REG
ASE-57A-7B1	WATER	06/19/2007	REG
ASE-58A-7B1	WATER	06/11/2007	REG
ASE-59A-7B1	WATER	06/15/2007	REG
ASE-60A-7B1	WATER	06/15/2007	REG
ASE-61A-7B1	WATER	06/15/2007	REG
ASE-62A-7B1	WATER	06/18/2007	REG
ASE-63A-7B1	WATER	06/20/2007	REG
ASE-64A-7B1	WATER	06/20/2007	REG
ASE-65A-7B1	WATER	06/18/2007	REG
ASE-66A-7B1	WATER	06/19/2007	REG
ASE-68A-7B1	WATER	06/19/2007	REG
ASE-89A-7B1	WATER	06/12/2007	REG
ASE-90A-7B1	WATER	06/13/2007	REG
ASE-91A-7B1	WATER	06/18/2007	REG
ASE-92A-7B1	WATER	06/18/2007	REG
ASE-95A-7B1	WATER	06/12/2007	REG
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ASE-98A-7B1	WATER	06/14/2007	REG
ASE-99A-7B1	WATER	06/13/2007	REG
BC-7A-7B1	WATER	06/15/2007	REG
BC-8B-7B1	WATER	06/13/2007	REG
PL-101A-7B1	WATER	06/15/2007	REG
PL-105A-7B1	WATER	06/18/2007	REG
PL-201A-7B1	WATER	06/11/2007	REG
PL-2101-7B1	WATER	06/11/2007	REG
PL-2102-7B1	WATER	06/11/2007	REG
TB-061307	WATER	06/13/2007	TB
TB-061407	WATER	06/14/2007	TB
TB-061507	WATER	06/15/2007	TB
TB-061807	WATER	06/18/2007	TB
TB-061907	WATER	06/19/2007	TB
TB-062007	WATER	06/20/2007	TB
TANK-16-7A2	WATER	06/11/2007	WC

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ANALYTICAL REPORT

Honeywell GW Program

Lot #: D7F130306

Daniel Moore

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

STL DENVER

Karen Kuoppala
Project Manager

June 25, 2007

Case Narrative
Lot D7F130306

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 samples and two trip blanks were received at STL Denver on June 13, 2007. The samples were received in good condition at temperatures of 4.0°C, 2.5°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 D7F130306-009, 013, 014, and 020 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. Results that exceed the calibration range in the least dilute analysis are flagged "E" to indicate an estimated value. There is no flag defined in the Arizona DHS that applies to this situation as the samples were re-analyzed and the results of both analyses reported.

The LCS associated with batch 7173071 exhibited a percent recovery above the QC limit for 1,3,5-Trimethylbenzene. 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 7173071 was performed on D7F130306-002 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.

GC Semivolatiles Diesel Range Organics – SW846 8015B
The results for method 8015B were reported to the Method Detection Limit (MDL) in order to meet the project specific Reporting Limits (RL). Values reported between the MDL and RL are qualified "E5" as per the Arizona DHS.

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.

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 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. MS/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, i.e., 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.

EXECUTIVE SUMMARY - Detection Highlights

D7F130306

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PL-501-7B1 06/11/07 06:47 002				
Toluene	2.6	2.0	ug/L	SW846 8260B
PL-2101-7B1 06/11/07 08:52 005				
1,1-Dichloroethane	16	2.0	ug/L	SW846 8260B
Vinyl chloride	12	1.0	ug/L	SW846 8260B
PL-201A-7B1 06/11/07 09:34 006				
TPH C10-C32	0.072 J	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.068 J	0.10	mg/L	SW846 8015B
Benzene	1.6	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	36	2.0	ug/L	SW846 8260B
Vinyl chloride	4.7	1.0	ug/L	SW846 8260B
ASE-58A-7B1 06/11/07 10:52 007				
TPH C10-C32	0.044 J	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.039 J	0.10	mg/L	SW846 8015B
1,1-Dichloroethane	10	2.0	ug/L	SW846 8260B
Vinyl chloride	1.5	1.0	ug/L	SW846 8260B
PL-502-7B1 06/11/07 10:52 008				
TPH C10-C32	0.046 J	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.041 J	0.10	mg/L	SW846 8015B
Benzene	1.0	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	9.9	2.0	ug/L	SW846 8260B
Vinyl chloride	1.6	1.0	ug/L	SW846 8260B
ASE-46A-7B1 06/11/07 12:51 009				
TPH C10-C32	0.17	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.16	0.10	mg/L	SW846 8015B
Benzene	4.4	1.0	ug/L	SW846 8260B
Chloroethane	30	5.0	ug/L	SW846 8260B
Chloroethane	25	20	ug/L	SW846 8260B
1,1-Dichloroethane	94 E	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	92	8.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

D7F130306

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-46A-7B1 06/11/07 12:51 009				
cis-1,2-Dichloroethene	3.5	2.0	ug/L	SW846 8260B
Trichloroethene	1.4	1.0	ug/L	SW846 8260B
Vinyl chloride	14	1.0	ug/L	SW846 8260B
Vinyl chloride	11	4.0	ug/L	SW846 8260B
Isopropylbenzene	3.0	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	45	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	40	20	ug/L	SW846 8260B
ASE-107A-7B1 06/12/07 02:00 011				
TPH C10-C32	0.32	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.32	0.10	mg/L	SW846 8015B
Benzene	9.2	1.0	ug/L	SW846 8260B
Isopropylbenzene	6.0	2.0	ug/L	SW846 8260B
n-Propylbenzene	4.3	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	6.2	5.0	ug/L	SW846 8260B
Naphthalene	7.5	2.0	ug/L	SW846 8260B
ASE-113A-7B1 06/12/07 12:27 012				
TPH C10-C32	0.042 J	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.037 J	0.10	mg/L	SW846 8015B
ASE-96A-7B1 06/12/07 02:58 013				
TPH C10-C32	0.064 J	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.055 J	0.10	mg/L	SW846 8015B
Methyl tert-butyl ether	410 E	10	ug/L	SW846 8260B
Methyl tert-butyl ether	510	100	ug/L	SW846 8260B
ASE-95A-7B1 06/12/07 04:20 014				
TPH C10-C32	0.042 J	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.039 J	0.10	mg/L	SW846 8015B
1,1-Dichloroethane	2.6	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	100 E	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	100	20	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

D7F130306

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-114A-7B1 06/12/07 01:12 017				
Tetrachloroethene	1.0	1.0	ug/L	SW846 8260B
ASE-106A-7B1 06/12/07 07:46 018				
Methyl tert-butyl ether	33	5.0	ug/L	SW846 8260B
ASE-124A-7B1 06/12/07 07:00 019				
1,1-Dichloroethane	2.5	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	38	5.0	ug/L	SW846 8260B
ASE-89A-7B1 06/12/07 11:38 020				
TPH C10-C32	2.8	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	2.8	0.10	mg/L	SW846 8015B
Benzene	130 E	2.0	ug/L	SW846 8260B
Benzene	560	20	ug/L	SW846 8260B
sec-Butylbenzene	20	10	ug/L	SW846 8260B
Isopropylbenzene	38	4.0	ug/L	SW846 8260B
n-Propylbenzene	46	4.0	ug/L	SW846 8260B
n-Propylbenzene	45	40	ug/L	SW846 8260B
Methyl tert-butyl ether	350 E	10	ug/L	SW846 8260B
Methyl tert-butyl ether	440	100	ug/L	SW846 8260B
Naphthalene	47	4.0	ug/L	SW846 8260B
Naphthalene	71	40	ug/L	SW846 8260B

METHODS SUMMARY

D7F130306

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

D7F130306

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

D7F130306

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J0XJD	001	TB-061107	06/11/07	06:36
J0XJP	002	PL-501-7B1	06/11/07	06:47
J0XJQ	003	PL-2102-7B1	06/11/07	07:42
J0XJX	004	ASE-54A-7B1	06/11/07	08:14
J0XJ1	005	PL-2101-7B1	06/11/07	08:52
J0XJ3	006	PL-201A-7B1	06/11/07	09:34
J0XJ4	007	ASE-58A-7B1	06/11/07	10:52
J0XJ7	008	PL-502-7B1	06/11/07	10:52
J0XJ8	009	ASE-46A-7B1	06/11/07	12:51
J0XKA	010	TB-061207	06/12/07	11:35
J0XKE	011	ASE-107A-7B1	06/12/07	02:00
J0XKG	012	ASE-113A-7B1	06/12/07	12:27
J0XKL	013	ASE-96A-7B1	06/12/07	02:58
J0XKQ	014	ASE-95A-7B1	06/12/07	04:20
J0XKW	015	ASE-125A-7B1	06/12/07	05:08
J0XKX	016	ASE-128A-7B1	06/12/07	05:55
J0XK1	017	ASE-114A-7B1	06/12/07	01:12
J0XK2	018	ASE-106A-7B1	06/12/07	07:46
J0XK5	019	ASE-124A-7B1	06/12/07	07:00
J0XK9	020	ASE-89A-7B1	06/12/07	11:38

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

D7F130306

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		7173071	7173241
002	WATER	SW846 8260B		7173071	7173241
003	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241
004	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241
005	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241
006	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241
007	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241
008	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241
009	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241
010	WATER	SW846 8260B		7173071	7173241
011	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241
012	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241
013	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241
014	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241
015	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D7F130306

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
016	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241
017	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241
018	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241
019	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241
020	WATER	SW846 8015B		7165366	
	WATER	SW846 8260B		7173071	7173241

STL

Volatile GC/MS

Lot ID: D7F130306

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 001 – 020

Batch: 7173071

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-061107
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-001
Matrix:	WATER	**Lab WorkOrder:**	J0XJD1AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 06:36
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 07:24
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-061107
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-001
Matrix:	WATER	**Lab WorkOrder:**	J0XJD1AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 06:36
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 07:24
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-061107
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-001
Matrix:	WATER	**Lab WorkOrder:**	J0XJD1AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 06:36
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 07:24
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	103	83	125		
1868-53-7	Dibromofluoromethane	92	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-501-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-002
Matrix:	WATER	**Lab WorkOrder:**	J0XJP1AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 06:47
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 07:43
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	M1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	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		
78-87-5	1,2-Dichloropropane	ND	2.0		
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	L1M1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-501-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-002
Matrix:	WATER	**Lab WorkOrder:**	J0XJP1AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 06:47
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 07:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	M1	
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	M1	
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		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-501-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-002
Matrix:	WATER	**Lab WorkOrder:**	J0XJP1AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 06:47
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 07:43
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0	M1	
108-88-3	Toluene	**2.6**	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	M1	

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	104	83	125		
1868-53-7	Dibromofluoromethane	89	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-2102-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-003
Matrix:	WATER	**Lab WorkOrder:**	J0XJQ1AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 07:42
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 09:01
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2102-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-003
Matrix:	WATER	**Lab WorkOrder:**	J0XJQ1AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 07:42
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 09:01
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2102-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-003
Matrix:	WATER	**Lab WorkOrder:**	J0XJQ1AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 07:42
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 09:01
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	88	70	127		
2037-26-5	Toluene-d8	103	83	125		
1868-53-7	Dibromofluoromethane	91	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-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-004
Matrix:	WATER	**Lab WorkOrder:**	J0XJX1AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 08:14
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 09:20
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-54A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-004
Matrix:	WATER	**Lab WorkOrder:**	J0XJX1AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 08:14
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 09:20
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-54A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-004
Matrix:	WATER	**Lab WorkOrder:**	J0XJX1AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 08:14
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 09:20
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	92	70	127		
2037-26-5	Toluene-d8	101	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:**	PL-2101-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-005
Matrix:	WATER	**Lab WorkOrder:**	J0XJ11AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 08:52
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 09:39
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2101-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-005
Matrix:	WATER	**Lab WorkOrder:**	J0XJ11AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 08:52
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 09:39
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2101-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-005
Matrix:	WATER	**Lab WorkOrder:**	J0XJ11AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 08:52
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 09:39
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	**12**	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	102	83	125		
1868-53-7	Dibromofluoromethane	96	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-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-006
Matrix:	WATER	**Lab WorkOrder:**	J0XJ31AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 09:34
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 10:17
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**36**	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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-201A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-006
Matrix:	WATER	**Lab WorkOrder:**	J0XJ31AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 09:34
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 10:17
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**1.6**	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-201A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-006
Matrix:	WATER	**Lab WorkOrder:**	J0XJ31AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 09:34
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 10:17
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	**4.7**	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	100	70	127		
2037-26-5	Toluene-d8	99	83	125		
1868-53-7	Dibromofluoromethane	97	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-58A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-007
Matrix:	WATER	**Lab WorkOrder:**	J0XJ41AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 10:52
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 10:36
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
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		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-58A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-007
Matrix:	WATER	**Lab WorkOrder:**	J0XJ41AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 10:52
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 10:36
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-58A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-007
Matrix:	WATER	**Lab WorkOrder:**	J0XJ41AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 10:52
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 10:36
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	**1.5**	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	96	70	127		
2037-26-5	Toluene-d8	97	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:**	PL-502-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-008
Matrix:	WATER	**Lab WorkOrder:**	J0XJ71AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 10:52
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 10:55
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**9.9**	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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-502-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-008
Matrix:	WATER	**Lab WorkOrder:**	J0XJ71AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 10:52
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 10:55
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**1.0**	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-502-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-008
Matrix:	WATER	**Lab WorkOrder:**	J0XJ71AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 10:52
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 10:55
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	**1.6**	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	97	70	127		
2037-26-5	Toluene-d8	98	83	125		
1868-53-7	Dibromofluoromethane	94	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-46A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-009
Matrix:	WATER	**Lab WorkOrder:**	J0XJ81AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 12:51
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 14:06
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**94**	2.0		E
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-46A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-009
Matrix:	WATER	**Lab WorkOrder:**	J0XJ81AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 12:51
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 14:06
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**4.4**	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	**30**	5.0		
67-66-3	Chloroform	ND	2.0		
74-87-3	Chloromethane	ND	5.0		
156-59-2	cis-1,2-Dichloroethene	**3.5**	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	**3.0**	2.0		
1634-04-4	Methyl tert-butyl ether	**45**	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		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-46A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-009
Matrix:	WATER	**Lab WorkOrder:**	J0XJ81AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 12:51
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 14:06
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	**1.4**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	**14**	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	100	83	125		
1868-53-7	Dibromofluoromethane	94	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-46A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-009
Matrix:	WATER	**Lab WorkOrder:**	J0XJ82AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 12:51
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 14:25
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	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	12	D2	
79-00-5	1,1,2-Trichloroethane	ND	4.0	D2	
75-34-3	1,1-Dichloroethane	**92**	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	L1D2	
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	
110-75-8	2-Chloroethyl vinyl ether	ND	12	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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-46A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-009
Matrix:	WATER	**Lab WorkOrder:**	J0XJ82AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 12:51
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 14:25
Sample Aliquot:	5 mL	**Instrument ID:**	R2
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	4.0	D2	
108-86-1	Bromobenzene	ND	20	D2	
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	**25**	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	ND	8.0	D2	
1634-04-4	Methyl tert-butyl ether	**40**	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	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-46A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-009
Matrix:	WATER	**Lab WorkOrder:**	J0XJ82AA
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 12:51
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 14:25
Sample Aliquot:	5 mL	**Instrument ID:**	R2
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	20	D2	
127-18-4	Tetrachloroethene	ND	4.0	D2	
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	
75-01-4	Vinyl chloride	**11**	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	93	70	127	D2	
2037-26-5	Toluene-d8	94	83	125	D2	
1868-53-7	Dibromofluoromethane	93	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-061207
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-010
Matrix:	WATER	**Lab WorkOrder:**	J0XKA1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 11:35
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 11:53
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-061207
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-010
Matrix:	WATER	**Lab WorkOrder:**	J0XKA1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 11:35
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 11:53
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-061207
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-010
Matrix:	WATER	**Lab WorkOrder:**	J0XKA1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 11:35
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 11:53
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	97	70	127		
2037-26-5	Toluene-d8	100	83	125		
1868-53-7	Dibromofluoromethane	96	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-107A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-011
Matrix:	WATER	**Lab WorkOrder:**	J0XKE1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 02:00
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 12:12
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-107A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-011
Matrix:	WATER	**Lab WorkOrder:**	J0XKE1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 02:00
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 12:12
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**9.2**	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	**6.0**	2.0		
1634-04-4	Methyl tert-butyl ether	**6.2**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**7.5**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	**4.3**	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		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-107A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-011
Matrix:	WATER	**Lab WorkOrder:**	J0XKE1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 02:00
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 12:12
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	94	70	127		
2037-26-5	Toluene-d8	99	83	125		
1868-53-7	Dibromofluoromethane	94	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-113A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-012
Matrix:	WATER	**Lab WorkOrder:**	J0XKG1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 12:27
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 12:31
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-113A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-012
Matrix:	WATER	**Lab WorkOrder:**	J0XKG1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 12:27
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 12:31
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-113A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-012
Matrix:	WATER	**Lab WorkOrder:**	J0XKG1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 12:27
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 12:31
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	94	70	127		
2037-26-5	Toluene-d8	101	83	125		
1868-53-7	Dibromofluoromethane	95	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-96A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-013
Matrix:	WATER	**Lab WorkOrder:**	J0XKL1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 02:58
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 12:50
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0		
79-00-5	1,1,2-Trichloroethane	ND	2.0		
75-34-3	1,1-Dichloroethane	ND	4.0		
75-35-4	1,1-Dichloroethene	ND	4.0		
563-58-6	1,1-Dichloropropene	ND	4.0		
87-61-6	1,2,3-Trichlorobenzene	ND	10		
96-18-4	1,2,3-Trichloropropane	ND	20		
120-82-1	1,2,4-Trichlorobenzene	ND	10		
95-63-6	1,2,4-Trimethylbenzene	ND	4.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	10		
106-93-4	1,2-Dibromoethane (EDB)	ND	4.0		
95-50-1	1,2-Dichlorobenzene	ND	2.0		
107-06-2	1,2-Dichloroethane	ND	2.0		
78-87-5	1,2-Dichloropropane	ND	4.0		
108-67-8	1,3,5-Trimethylbenzene	ND	4.0	L1	
541-73-1	1,3-Dichlorobenzene	ND	2.0		
142-28-9	1,3-Dichloropropane	ND	4.0		
106-46-7	1,4-Dichlorobenzene	ND	2.0		
594-20-7	2,2-Dichloropropane	ND	4.0		
78-93-3	2-Butanone (MEK)	ND	20		
110-75-8	2-Chloroethyl vinyl ether	ND	6.0		
95-49-8	2-Chlorotoluene	ND	10		
591-78-6	2-Hexanone	ND	20		
106-43-4	4-Chlorotoluene	ND	10		
108-10-1	4-Methyl-2-pentanone	ND	20		
67-64-1	Acetone	ND	40		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-96A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-013
Matrix:	WATER	**Lab WorkOrder:**	J0XKL1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 02:58
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 12:50
Sample Aliquot:	10 mL	**Instrument ID:**	R2
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	2.0		
108-86-1	Bromobenzene	ND	10		
74-97-5	Bromochloromethane	ND	10		
75-27-4	Bromodichloromethane	ND	2.0		
75-25-2	Bromoform	ND	10		
74-83-9	Bromomethane	ND	10		
75-15-0	Carbon disulfide	ND	10		
56-23-5	Carbon tetrachloride	ND	4.0		
108-90-7	Chlorobenzene	ND	2.0		
124-48-1	Chlorodibromomethane	ND	4.0		
75-00-3	Chloroethane	ND	10		
67-66-3	Chloroform	ND	4.0		
74-87-3	Chloromethane	ND	10		
156-59-2	cis-1,2-Dichloroethene	ND	4.0		
10061-01-5	cis-1,3-Dichloropropene	ND	4.0		
74-95-3	Dibromomethane	ND	4.0		
75-71-8	Dichlorodifluoromethane	ND	10		
100-41-4	Ethylbenzene	ND	4.0		
87-68-3	Hexachlorobutadiene	ND	10		
74-88-4	Iodomethane	ND	20		
98-82-8	Isopropylbenzene	ND	4.0		
1634-04-4	Methyl tert-butyl ether	**410**	10		E
75-09-2	Methylene chloride	ND	10		
91-20-3	Naphthalene	ND	4.0		
104-51-8	n-Butylbenzene	ND	10		
103-65-1	n-Propylbenzene	ND	4.0		
99-87-6	p-Isopropyltoluene	ND	4.0		
135-98-8	sec-Butylbenzene	ND	10		
100-42-5	Styrene	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:**	ASE-96A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-013
Matrix:	WATER	**Lab WorkOrder:**	J0XKL1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 02:58
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 12:50
Sample Aliquot:	10 mL	**Instrument ID:**	R2
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	10		
127-18-4	Tetrachloroethene	ND	2.0		
108-88-3	Toluene	ND	4.0		
156-60-5	trans-1,2-Dichloroethene	ND	4.0		
10061-02-6	trans-1,3-Dichloropropene	ND	4.0		
79-01-6	Trichloroethene	ND	2.0		
75-69-4	Trichlorofluoromethane	ND	10		
108-05-4	Vinyl acetate	ND	50		
75-01-4	Vinyl chloride	ND	2.0		
1330-20-7	Xylenes (total)	ND	20		

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	96	83	125		
1868-53-7	Dibromofluoromethane	93	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-96A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-013
Matrix:	WATER	**Lab WorkOrder:**	J0XKL2AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 02:58
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 13:09
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	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	60	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	L1D2	
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	
110-75-8	2-Chloroethyl vinyl ether	ND	60	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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-96A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-013
Matrix:	WATER	**Lab WorkOrder:**	J0XKL2AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 02:58
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 13:09
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	20	D2	
108-86-1	Bromobenzene	ND	100	D2	
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	**510**	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	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-96A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-013
Matrix:	WATER	**Lab WorkOrder:**	J0XKL2AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 02:58
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 13:09
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	100	D2	
127-18-4	Tetrachloroethene	ND	20	D2	
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	97	70	127	D2	
2037-26-5	Toluene-d8	97	83	125	D2	
1868-53-7	Dibromofluoromethane	92	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-95A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-014
Matrix:	WATER	**Lab WorkOrder:**	J0XKQ1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 04:20
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 13:28
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**2.6**	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		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-95A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-014
Matrix:	WATER	**Lab WorkOrder:**	J0XKQ1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 04:20
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 13:28
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	**100**	5.0		E
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		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-95A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-014
Matrix:	WATER	**Lab WorkOrder:**	J0XKQ1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 04:20
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 13:28
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	96	70	127		
2037-26-5	Toluene-d8	95	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-95A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-014
Matrix:	WATER	**Lab WorkOrder:**	J0XKQ2AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 04:20
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 13:47
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	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	12	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	L1D2	
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	
110-75-8	2-Chloroethyl vinyl ether	ND	12	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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-95A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-014
Matrix:	WATER	**Lab WorkOrder:**	J0XKQ2AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 04:20
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 13:47
Sample Aliquot:	5 mL	**Instrument ID:**	R2
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	4.0	D2	
108-86-1	Bromobenzene	ND	20	D2	
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	ND	8.0	D2	
1634-04-4	Methyl tert-butyl ether	**100**	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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-95A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-014
Matrix:	WATER	**Lab WorkOrder:**	J0XKQ2AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 04:20
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 13:47
Sample Aliquot:	5 mL	**Instrument ID:**	R2
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	20	D2	
127-18-4	Tetrachloroethene	ND	4.0	D2	
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	
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	96	70	127	D2	
2037-26-5	Toluene-d8	95	83	125	D2	
1868-53-7	Dibromofluoromethane	95	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:**	ASE-125A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-015
Matrix:	WATER	**Lab WorkOrder:**	J0XKW1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 05:08
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 14:44
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-125A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-015
Matrix:	WATER	**Lab WorkOrder:**	J0XKW1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 05:08
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 14:44
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-125A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-015
Matrix:	WATER	**Lab WorkOrder:**	J0XKW1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 05:08
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 14:44
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	88	70	127		
2037-26-5	Toluene-d8	98	83	125		
1868-53-7	Dibromofluoromethane	92	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-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-016
Matrix:	WATER	**Lab WorkOrder:**	J0XKX1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 05:55
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 15:03
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-016
Matrix:	WATER	**Lab WorkOrder:**	J0XKX1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 05:55
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 15:03
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-016
Matrix:	WATER	**Lab WorkOrder:**	J0XKX1AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 05:55
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 15:03
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	91	70	127		
2037-26-5	Toluene-d8	95	83	125		
1868-53-7	Dibromofluoromethane	94	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-114A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-017
Matrix:	WATER	**Lab WorkOrder:**	J0XK11AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 01:12
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 15:22
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-114A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-017
Matrix:	WATER	**Lab WorkOrder:**	J0XK11AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 01:12
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 15:22
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-114A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-017
Matrix:	WATER	**Lab WorkOrder:**	J0XK11AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 01:12
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 15:22
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.0**	1.0		
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	93	70	127		
2037-26-5	Toluene-d8	98	83	125		
1868-53-7	Dibromofluoromethane	95	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-106A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-018
Matrix:	WATER	**Lab WorkOrder:**	J0XK21AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 07:46
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 15:41
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-106A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-018
Matrix:	WATER	**Lab WorkOrder:**	J0XK21AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 07:46
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 15:41
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	**33**	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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-106A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-018
Matrix:	WATER	**Lab WorkOrder:**	J0XK21AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 07:46
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 15:41
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	93	70	127		
2037-26-5	Toluene-d8	97	83	125		
1868-53-7	Dibromofluoromethane	96	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-124A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-019
Matrix:	WATER	**Lab WorkOrder:**	J0XK51AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 07:00
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 16:00
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**2.5**	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		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-124A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-019
Matrix:	WATER	**Lab WorkOrder:**	J0XK51AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 07:00
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 16:00
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	**38**	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		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-124A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-019
Matrix:	WATER	**Lab WorkOrder:**	J0XK51AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 07:00
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 16:00
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	97	70	127		
2037-26-5	Toluene-d8	98	83	125		
1868-53-7	Dibromofluoromethane	98	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-89A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-020
Matrix:	WATER	**Lab WorkOrder:**	J0XK91AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 11:38
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 16:19
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0		
79-00-5	1,1,2-Trichloroethane	ND	2.0		
75-34-3	1,1-Dichloroethane	ND	4.0		
75-35-4	1,1-Dichloroethene	ND	4.0		
563-58-6	1,1-Dichloropropene	ND	4.0		
87-61-6	1,2,3-Trichlorobenzene	ND	10		
96-18-4	1,2,3-Trichloropropane	ND	20		
120-82-1	1,2,4-Trichlorobenzene	ND	10		
95-63-6	1,2,4-Trimethylbenzene	ND	4.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	10		
106-93-4	1,2-Dibromoethane (EDB)	ND	4.0		
95-50-1	1,2-Dichlorobenzene	ND	2.0		
107-06-2	1,2-Dichloroethane	ND	2.0		
78-87-5	1,2-Dichloropropane	ND	4.0		
108-67-8	1,3,5-Trimethylbenzene	ND	4.0	L1	
541-73-1	1,3-Dichlorobenzene	ND	2.0		
142-28-9	1,3-Dichloropropane	ND	4.0		
106-46-7	1,4-Dichlorobenzene	ND	2.0		
594-20-7	2,2-Dichloropropane	ND	4.0		
78-93-3	2-Butanone (MEK)	ND	20		
110-75-8	2-Chloroethyl vinyl ether	ND	6.0		
95-49-8	2-Chlorotoluene	ND	10		
591-78-6	2-Hexanone	ND	20		
106-43-4	4-Chlorotoluene	ND	10		
108-10-1	4-Methyl-2-pentanone	ND	20		
67-64-1	Acetone	ND	40		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-89A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-020
Matrix:	WATER	**Lab WorkOrder:**	J0XK91AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 11:38
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 16:19
Sample Aliquot:	10 mL	**Instrument ID:**	R2
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**130**	2.0		E
108-86-1	Bromobenzene	ND	10		
74-97-5	Bromochloromethane	ND	10		
75-27-4	Bromodichloromethane	ND	2.0		
75-25-2	Bromoform	ND	10		
74-83-9	Bromomethane	ND	10		
75-15-0	Carbon disulfide	ND	10		
56-23-5	Carbon tetrachloride	ND	4.0		
108-90-7	Chlorobenzene	ND	2.0		
124-48-1	Chlorodibromomethane	ND	4.0		
75-00-3	Chloroethane	ND	10		
67-66-3	Chloroform	ND	4.0		
74-87-3	Chloromethane	ND	10		
156-59-2	cis-1,2-Dichloroethene	ND	4.0		
10061-01-5	cis-1,3-Dichloropropene	ND	4.0		
74-95-3	Dibromomethane	ND	4.0		
75-71-8	Dichlorodifluoromethane	ND	10		
100-41-4	Ethylbenzene	ND	4.0		
87-68-3	Hexachlorobutadiene	ND	10		
74-88-4	Iodomethane	ND	20		
98-82-8	Isopropylbenzene	**38**	4.0		
1634-04-4	Methyl tert-butyl ether	**350**	10		E
75-09-2	Methylene chloride	ND	10		
91-20-3	Naphthalene	**47**	4.0		
104-51-8	n-Butylbenzene	ND	10		
103-65-1	n-Propylbenzene	**46**	4.0		
99-87-6	p-Isopropyltoluene	ND	4.0		
135-98-8	sec-Butylbenzene	**20**	10		
100-42-5	Styrene	ND	4.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-89A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-020
Matrix:	WATER	**Lab WorkOrder:**	J0XK91AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 11:38
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 16:19
Sample Aliquot:	10 mL	**Instrument ID:**	R2
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	10		
127-18-4	Tetrachloroethene	ND	2.0		
108-88-3	Toluene	ND	4.0		
156-60-5	trans-1,2-Dichloroethene	ND	4.0		
10061-02-6	trans-1,3-Dichloropropene	ND	4.0		
79-01-6	Trichloroethene	ND	2.0		
75-69-4	Trichlorofluoromethane	ND	10		
108-05-4	Vinyl acetate	ND	50		
75-01-4	Vinyl chloride	ND	2.0		
1330-20-7	Xylenes (total)	ND	20		

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	103	83	125		
1868-53-7	Dibromofluoromethane	93	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-89A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-020
Matrix:	WATER	**Lab WorkOrder:**	J0XK92AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 11:38
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 16:38
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	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	60	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	L1D2	
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	
110-75-8	2-Chloroethyl vinyl ether	ND	60	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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-89A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-020
Matrix:	WATER	**Lab WorkOrder:**	J0XK92AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 11:38
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 16:38
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**560**	20	D2	
108-86-1	Bromobenzene	ND	100	D2	
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	**440**	100	D2	
75-09-2	Methylene chloride	ND	100	D2	
91-20-3	Naphthalene	**71**	40	D2	
104-51-8	n-Butylbenzene	ND	100	D2	
103-65-1	n-Propylbenzene	**45**	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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-89A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-020
Matrix:	WATER	**Lab WorkOrder:**	J0XK92AA
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 11:38
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 16:38
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	100	D2	
127-18-4	Tetrachloroethene	ND	20	D2	
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	93	70	127	D2	
2037-26-5	Toluene-d8	97	83	125	D2	
1868-53-7	Dibromofluoromethane	95	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:**	
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F220000-071B
Matrix:	WATER	**Lab WorkOrder:**	J1L1X1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 07:05
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	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.79	0.79	3.0	
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	L1
108-05-4	Vinyl acetate	0.94	0.94	25	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F220000-071B
Matrix:	WATER	**Lab WorkOrder:**	J1L1X1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 07:05
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-01-4	Vinyl chloride	0.17	0.17	1.0	
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	
110-75-8	2-Chloroethyl vinyl ether	0.74	0.74	3.0	
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	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F220000-071B
Matrix:	WATER	**Lab WorkOrder:**	J1L1X1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 07:05
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	
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	92	70	127	
2037-26-5	Toluene-d8	97	83	125	
1868-53-7	Dibromofluoromethane	93	77	119	
460-00-4	4-Bromofluorobenzene	102	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER
Lot/SDG Number: D7F130306
Extraction I25QK9H
QC Batch ID: 7173071

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
PL-2101-7B1	J0XJ11AA	93	104	96	102					0
PL-201A-7B1	J0XJ31AA	100	102	97	99					0
ASE-58A-7B1	J0XJ41AA	96	103	95	97					0
PL-502-7B1	J0XJ71AA	97	106	94	98					0
ASE-46A-7B1	J0XJ81AA	96	102	94	100					0
ASE-46A-7B1	J0XJ82AA	93	98	93	94					0
TB-061107	J0XJD1AA	84	96	92	103					0
PL-501-7B1	J0XJP1AA	82	96	89	104					0
PL-501-7B1 MS	J0XJP1AC	87	106	92	106					0
PL-501-7B1 MSD	J0XJP1AD	88	105	91	101					0
PL-2102-7B1	J0XJQ1AA	88	98	91	103					0
ASE-54A-7B1	J0XJX1AA	92	100	94	101					0
ASE-114A-7B1	J0XK11AA	93	100	95	98					0
ASE-106A-7B1	J0XK21AA	93	100	96	97					0
ASE-124A-7B1	J0XK51AA	97	101	98	98					0
ASE-89A-7B1	J0XK91AA	92	102	93	103					0
ASE-89A-7B1	J0XK92AA	93	100	95	97					0
TB-061207	J0XKA1AA	97	100	96	100					0
ASE-107A-7B1	J0XKE1AA	94	104	94	99					0
ASE-113A-7B1	J0XKG1AA	94	106	95	101					0
ASE-96A-7B1	J0XKL1AA	94	99	93	96					0
ASE-96A-7B1	J0XKL2AA	97	99	92	97					0
ASE-95A-7B1	J0XKQ1AA	96	100	94	95					0
ASE-95A-7B1	J0XKQ2AA	96	101	95	95					0
ASE-125A-7B1	J0XKW1AA	88	100	92	98					0
ASE-128A-7B1	J0XKX1AA	91	98	94	95					0
INTRA-LAB BLANK	J1L1X1AA	92	102	93	97					0
CHECK SAMPLE	J1L1X1AC	90	99	92	100					0

Form 2 Surrogate Recovery Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name:	STL DENVER	**Extraction**	I25QK9H
Lot/SDG Number:	D7F130306	**QC Batch ID:**	7173071

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:	D7F130306	**Lab Sample ID:**	D7F220000-071C
Matrix:	WATER	**Lab WorkOrder:**	J1L1X1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 06:27
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	5.37	107		72 - 117
Acetone	10.0	5.77	58		48 - 130
Ethylbenzene	5.00	5.81	116		78 - 118
Trichlorofluoromethane	5.00	5.21	104		63 - 135
Hexachlorobutadiene	5.00	4.40	88		73 - 123
2-Hexanone	10.0	9.50	95		57 - 121
Isopropylbenzene	5.00	5.13	103		71 - 111
p-Isopropyltoluene	5.00	5.12	102		76 - 113
Methylene chloride	5.00	4.78	96		71 - 119
4-Methyl-2-pentanone	10.0	10.2	102		65 - 118
Naphthalene	5.00	3.19	64		62 - 121
Benzene	5.00	4.55	91		77 - 118
n-Propylbenzene	5.00	5.55	111		76 - 116
Styrene	5.00	5.37	107		77 - 117
1,1,1,2-Tetrachloroethane	5.00	5.13	103		77 - 117
1,1,2,2-Tetrachloroethane	5.00	5.20	104		73 - 119
Tetrachloroethene	5.00	5.33	107		77 - 117
Toluene	5.00	5.64	113		73 - 120
1,2,3-Trichlorobenzene	5.00	3.91	78		66 - 123
1,2,4-Trichlorobenzene	5.00	4.08	82		73 - 121
1,1,1-Trichloroethane	5.00	5.52	110		78 - 118
1,1,2-Trichloroethane	5.00	5.17	103		76 - 116
Trichloroethene	5.00	4.40	88		78 - 122
1,2,3-Trichloropropane	5.00	5.34	107		72 - 120
1,2,4-Trimethylbenzene	5.00	5.87	117		77 - 117
1,3,5-Trimethylbenzene	5.00	5.96	119	L1	77 - 117
Vinyl acetate	5.00	4.37	87		63 - 124
Vinyl chloride	5.00	3.81	76		49 - 136
Xylenes (total)	15.0	16.9	113		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:	D7F130306	**Lab Sample ID:**	D7F220000-071C
Matrix:	WATER	**Lab WorkOrder:**	J1L1X1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 06:27
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Methyl tert-butyl ether	10.0	8.97	90		58 - 116
Bromobenzene	5.00	5.28	106		75 - 115
Bromochloromethane	5.00	4.14	83		78 - 118
Bromodichloromethane	5.00	4.87	97		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	4.00	80		65 - 117
1,2-Dibromoethane (EDB)	5.00	5.14	103		77 - 117
2-Butanone (MEK)	10.0	9.83	98		57 - 120
Bromoform	5.00	5.07	101		74 - 121
Bromomethane	5.00	3.61	72		42 - 154
n-Butylbenzene	5.00	5.57	111		76 - 117
sec-Butylbenzene	5.00	5.42	108		80 - 120
tert-Butylbenzene	5.00	5.38	108		76 - 116
Carbon disulfide	5.00	3.66	73		56 - 104
Carbon tetrachloride	5.00	5.71	114		80 - 120
Chlorobenzene	5.00	5.29	106		78 - 118
Chlorodibromomethane	5.00	4.72	94		76 - 116
Chloroethane	5.00	3.65	73		51 - 133
2-Chloroethyl vinyl ether	5.00	4.76	95		17 - 150
Chloroform	5.00	5.18	104		78 - 118
Chloromethane	5.00	3.49	70		46 - 142
2-Chlorotoluene	5.00	5.38	108		76 - 116
4-Chlorotoluene	5.00	5.35	107		78 - 118
Dibromomethane	5.00	5.17	103		77 - 117
1,2-Dichlorobenzene	5.00	4.68	94		76 - 116
1,3-Dichlorobenzene	5.00	5.05	101		75 - 115
1,4-Dichlorobenzene	5.00	4.94	99		77 - 117
Dichlorodifluoromethane	5.00	3.08	62		56 - 140
1,1-Dichloroethane	5.00	5.24	105		77 - 117
1,2-Dichloroethane	5.00	5.20	104		74 - 120

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:	D7F130306	**Lab Sample ID:**	D7F220000-071C
Matrix:	WATER	**Lab WorkOrder:**	J1L1X1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 06:27
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethene	5.00	5.58	112		68 - 133
cis-1,2-Dichloroethene	5.00	4.90	98		75 - 115
trans-1,2-Dichloroethene	5.00	5.38	108		80 - 120
1,2-Dichloropropane	5.00	4.87	97		76 - 116
1,3-Dichloropropane	5.00	5.13	103		75 - 115
2,2-Dichloropropane	5.00	5.74	115		72 - 128
1,1-Dichloropropene	5.00	5.23	105		75 - 115
cis-1,3-Dichloropropene	5.00	5.22	104		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	90	70	127	
2037-26-5	Toluene-d8	100	83	125	
1868-53-7	Dibromofluoromethane	92	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:**	PL-501-7B1
Lot/SDG Number:	D7F130306	**MS Lab Sample ID:**	D7F130306-002S
Matrix:	WATER	**MS Lab WorkOrder:**	J0XJP1AC
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 06:47
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 08:04
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		5.24	105		77 - 117
1,1,1-Trichloroethane	5.00	0.16		5.84	117		78 - 118
1,1,2,2-Tetrachloroethane	5.00	0.20		5.44	109		73 - 119
1,1,2-Trichloroethane	5.00	0.32		5.40	108		76 - 116
1,1-Dichloroethane	5.00	0.16		5.26	105		77 - 117
1,1-Dichloroethene	5.00	0.14		5.64	113		68 - 133
1,1-Dichloropropene	5.00	0.15		5.15	103		75 - 115
1,2,3-Trichlorobenzene	5.00	0.18		3.80	76		66 - 123
1,2,3-Trichloropropane	5.00	0.27		5.40	108		72 - 120
1,2,4-Trichlorobenzene	5.00	0.32		4.11	82		73 - 121
1,2,4-Trimethylbenzene	5.00	0.14	M1	6.40	125		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	5.00	1.5	R2	3.47	69		65 - 117
1,2-Dibromoethane (EDB)	5.00	0.18		5.06	101		77 - 117
1,2-Dichlorobenzene	5.00	0.13		5.02	96		76 - 116
1,2-Dichloroethane	5.00	0.13		4.86	97		74 - 120
1,2-Dichloropropane	5.00	0.13		4.81	96		76 - 116
1,3,5-Trimethylbenzene	5.00	0.14	L1M1	6.29	126	L1	77 - 117
1,3-Dichlorobenzene	5.00	0.16		5.09	102		75 - 115
1,3-Dichloropropane	5.00	0.15		5.31	106		75 - 115
1,4-Dichlorobenzene	5.00	0.16		5.49	100		77 - 117
2,2-Dichloropropane	5.00	0.20		5.99	120		72 - 128
2-Butanone (MEK)	10.0	1.8		12.2	89		57 - 120
2-Chloroethyl vinyl ether	5.00	0.74		1.27	25		17 - 150
2-Chlorotoluene	5.00	0.17		5.30	106		76 - 116
2-Hexanone	10.0	1.4		8.55	86		57 - 121
4-Chlorotoluene	5.00	0.17		5.40	108		78 - 118
4-Methyl-2-pentanone	10.0	0.49		8.62	86		65 - 118
Acetone	10.0	1.9		7.64	76		48 - 130
Benzene	5.00	0.16		4.52	90		77 - 118
Bromobenzene	5.00	0.17		5.54	111		75 - 115

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-501-7B1
Lot/SDG Number:	D7F130306	**MS Lab Sample ID:**	D7F130306-002S
Matrix:	WATER	**MS Lab WorkOrder:**	J0XJP1AC
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 06:47
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 08:04
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Bromochloromethane	5.00	0.10		3.93	79		78 - 118
Bromodichloromethane	5.00	0.17		5.10	94		78 - 118
Bromoform	5.00	0.19		5.26	101		74 - 121
Bromomethane	5.00	0.21		4.14	83		42 - 154
Carbon disulfide	5.00	0.45		3.94	79		56 - 104
Carbon tetrachloride	5.00	0.19		5.97	119		80 - 120
Chlorobenzene	5.00	0.17		5.74	109		78 - 118
Chlorodibromomethane	5.00	0.17		5.36	107		76 - 116
Chloroethane	5.00	0.41		4.09	82		51 - 133
Chloroform	5.00	0.16		5.55	103		78 - 118
Chloromethane	5.00	0.30		3.67	73		46 - 142
cis-1,2-Dichloroethene	5.00	0.15		5.00	100		75 - 115
cis-1,3-Dichloropropene	5.00	0.16		5.41	108		76 - 116
Dibromomethane	5.00	0.17		4.88	98		77 - 117
Dichlorodifluoromethane	5.00	0.31		3.20	64		56 - 140
Ethylbenzene	5.00	0.16	M1	6.13	123		78 - 118
Hexachlorobutadiene	5.00	0.12		4.73	95		73 - 123
Isopropylbenzene	5.00	0.19		5.52	110		71 - 111
Methyl tert-butyl ether	10.0	0.25		8.41	84		58 - 116
Methylene chloride	5.00	0.32		4.81	96		71 - 119
n-Butylbenzene	5.00	0.14	M1	6.01	120		76 - 117
n-Propylbenzene	5.00	0.16		5.70	114		76 - 116
Naphthalene	5.00	0.22		3.23	65		62 - 121
p-Isopropyltoluene	5.00	0.17		5.34	107		76 - 113
sec-Butylbenzene	5.00	0.17		5.71	114		80 - 120
Styrene	5.00	0.17		5.74	115		77 - 117
tert-Butylbenzene	5.00	0.16		5.76	115		76 - 116
Tetrachloroethene	5.00	0.20	M1	5.90	118		77 - 117
Toluene	5.00	2.6		8.36	115		73 - 120
trans-1,2-Dichloroethene	5.00	0.15		5.62	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:**	PL-501-7B1
Lot/SDG Number:	D7F130306	**MS Lab Sample ID:**	D7F130306-002S
Matrix:	WATER	**MS Lab WorkOrder:**	J0XJP1AC
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 06:47
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 08:04
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
trans-1,3-Dichloropropene	5.00	0.19		5.57	111		72 - 117
Trichloroethene	5.00	0.16		4.52	90		78 - 122
Trichlorofluoromethane	5.00	0.29		5.69	114		63 - 135
Vinyl acetate	5.00	0.94		3.93	79		63 - 124
Vinyl chloride	5.00	0.17		4.25	85		49 - 136
Xylenes (total)	15.0	0.19	M1	18.2	119		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	87	70	127	
460-00-4	4-Bromofluorobenzene	106	78	118	
1868-53-7	Dibromofluoromethane	92	77	119	
2037-26-5	Toluene-d8	106	83	125	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-501-7B1
Lot/SDG Number:	D7F130306	**MSD Lab Sample ID:**	D7F130306-002D
Matrix:	WATER	**MSD Lab WorkOrder:**	J0XJP1AD
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 06:47
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 08:23
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		5.05	101	3.8		77 - 117	20
1,1,1-Trichloroethane	5.00	0.16		5.59	112	4.4		78 - 118	20
1,1,2,2-Tetrachloroethane	5.00	0.20		5.83	117	6.9		73 - 119	20
1,1,2-Trichloroethane	5.00	0.32		5.56	111	2.9		76 - 116	21
1,1-Dichloroethane	5.00	0.16		5.20	104	1.1		77 - 117	21
1,1-Dichloroethene	5.00	0.14		5.72	114	1.5		68 - 133	20
1,1-Dichloropropene	5.00	0.15		4.99	100	3.2		75 - 115	21
1,2,3-Trichlorobenzene	5.00	0.18		4.40	88	15		66 - 123	29
1,2,3-Trichloropropane	5.00	0.27		5.15	103	4.7		72 - 120	23
1,2,4-Trichlorobenzene	5.00	0.32		4.48	90	8.5		73 - 121	25
1,2,4-Trimethylbenzene	5.00	0.14	M1	6.17	120	3.6		77 - 117	20
1,2-Dibromo-3-chloroprop	5.00	1.5	R2	4.51	90	26		65 - 117	22
1,2-Dibromoethane (EDB)	5.00	0.18		5.31	106	4.7		77 - 117	20
1,2-Dichlorobenzene	5.00	0.13		4.98	96	0.94		76 - 116	20
1,2-Dichloroethane	5.00	0.13		4.95	99	1.8		74 - 120	20
1,2-Dichloropropane	5.00	0.13		4.91	98	2.1		76 - 116	20
1,3,5-Trimethylbenzene	5.00	0.14	L1M1	5.91	118	6.2	L1	77 - 117	20
1,3-Dichlorobenzene	5.00	0.16		4.99	100	2.0		75 - 115	20
1,3-Dichloropropane	5.00	0.15		5.27	105	0.86		75 - 115	20
1,4-Dichlorobenzene	5.00	0.16		5.33	97	2.9		77 - 117	23
2,2-Dichloropropane	5.00	0.20		5.69	114	5.1		72 - 128	24
2-Butanone (MEK)	10.0	1.8		13.5	102	10		57 - 120	32
2-Chloroethyl vinyl ether	5.00	0.74		1.05	21	20		17 - 150	31
2-Chlorotoluene	5.00	0.17		5.17	103	2.6		76 - 116	20
2-Hexanone	10.0	1.4		9.27	93	8.0		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:**	PL-501-7B1
Lot/SDG Number:	D7F130306	**MSD Lab Sample ID:**	D7F130306-002D
Matrix:	WATER	**MSD Lab WorkOrder:**	J0XJP1AD
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 06:47
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 08:23
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
4-Chlorotoluene	5.00	0.17		4.82	96	11		78 - 118	20
4-Methyl-2-pentanone	10.0	0.49		9.45	94	9.2		65 - 118	22
Acetone	10.0	1.9		7.29	73	4.7		48 - 130	41
Benzene	5.00	0.16		4.38	88	3.2		77 - 118	20
Bromobenzene	5.00	0.17		5.34	107	3.6		75 - 115	20
Bromochloromethane	5.00	0.10		4.14	83	5.2		78 - 118	20
Bromodichloromethane	5.00	0.17		5.38	100	5.3		78 - 118	20
Bromoform	5.00	0.19		5.49	106	4.2		74 - 121	21
Bromomethane	5.00	0.21		4.00	80	3.5		42 - 154	24
Carbon disulfide	5.00	0.45		3.55	71	11		56 - 104	20
Carbon tetrachloride	5.00	0.19		5.66	113	5.3		80 - 120	21
Chlorobenzene	5.00	0.17		5.58	106	2.9		78 - 118	20
Chlorodibromomethane	5.00	0.17		5.37	107	0.28		76 - 116	20
Chloroethane	5.00	0.41		3.69	74	10		51 - 133	25
Chloroform	5.00	0.16		5.35	99	3.6		78 - 118	20
Chloromethane	5.00	0.30		3.56	71	3.2		46 - 142	24
cis-1,2-Dichloroethene	5.00	0.15		4.74	95	5.4		75 - 115	20
cis-1,3-Dichloropropene	5.00	0.16		5.33	107	1.5		76 - 116	20
Dibromomethane	5.00	0.17		4.80	96	1.5		77 - 117	20
Dichlorodifluoromethane	5.00	0.31		2.90	58	9.7		56 - 140	24
Ethylbenzene	5.00	0.16	M1	5.99	120	2.4		78 - 118	26
Hexachlorobutadiene	5.00	0.12		4.54	91	4.2		73 - 123	25
Isopropylbenzene	5.00	0.19		5.40	108	2.1		71 - 111	20
Methyl tert-butyl ether	10.0	0.25		8.84	88	5.0		58 - 116	21
Methylene chloride	5.00	0.32		4.80	96	0.27		71 - 119	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-501-7B1
Lot/SDG Number:	D7F130306	**MSD Lab Sample ID:**	D7F130306-002D
Matrix:	WATER	**MSD Lab WorkOrder:**	J0XJP1AD
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 06:47
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/21/07 05:40
QC Batch ID:	7173071	**Date/Time Analyzed:**	06/21/07 08:23
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
n-Butylbenzene	5.00	0.14	M1	5.55	111	8.0		76 - 117	21
n-Propylbenzene	5.00	0.16		5.36	107	6.2		76 - 116	20
Naphthalene	5.00	0.22		3.81	76	16		62 - 121	32
p-Isopropyltoluene	5.00	0.17		4.94	99	7.9		76 - 113	20
sec-Butylbenzene	5.00	0.17		5.43	109	5.0		80 - 120	21
Styrene	5.00	0.17		5.56	111	3.2		77 - 117	20
tert-Butylbenzene	5.00	0.16		5.27	105	8.9		76 - 116	21
Tetrachloroethene	5.00	0.20	M1	5.50	110	7.2		77 - 117	20
Toluene	5.00	2.6		8.07	109	3.5		73 - 120	20
trans-1,2-Dichloroethene	5.00	0.15		5.22	104	7.4		80 - 120	24
trans-1,3-Dichloropropene	5.00	0.19		5.58	112	0.20		72 - 117	20
Trichloroethene	5.00	0.16		4.41	88	2.5		78 - 122	20
Trichlorofluoromethane	5.00	0.29		4.96	99	14		63 - 135	20
Vinyl acetate	5.00	0.94		4.11	82	4.5		63 - 124	24
Vinyl chloride	5.00	0.17		3.91	78	8.5		49 - 136	24
Xylenes (total)	15.0	0.19	M1	17.9	117	2.0		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	88	70	127	
460-00-4	4-Bromofluorobenzene	105	78	118	
1868-53-7	Dibromofluoromethane	91	77	119	
2037-26-5	Toluene-d8	101	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	RR0632.D
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F220000-071B
Matrix:	WATER	**Lab Work Order:**	J1L1X1AA
Analysis Method:	8260B	**Date/Time Extracted:**	06/21/07 05:40
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	06/21/07 07:05
QC Batch ID:	7173071	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
PL-2101-7B1	J0XJ11AA	RR0632.D	06/21/07	09:39
PL-201A-7B1	J0XJ31AA	RR0634.D	06/21/07	10:17
ASE-58A-7B1	J0XJ41AA	RR0635.D	06/21/07	10:36
PL-502-7B1	J0XJ71AA	RR0636.D	06/21/07	10:55
ASE-46A-7B1	J0XJ81AA	RR0646.D	06/21/07	14:06
ASE-46A-7B1	J0XJ82AA	RR0647.D	06/21/07	14:25
TB-061107	J0XJD1AA	RR0625.D	06/21/07	07:24
PL-501-7B1	J0XJP1AA	RR0626.D	06/21/07	07:43
PL-501-7B1 MS	J0XJP1AC S	RR0627.D	06/21/07	08:04
PL-501-7B1 MSD	J0XJP1AD D	RR0628.D	06/21/07	08:23
PL-2102-7B1	J0XJQ1AA	RR0630.D	06/21/07	09:01
ASE-54A-7B1	J0XJX1AA	RR0631.D	06/21/07	09:20
ASE-114A-7B1	J0XK11AA	RR0650.D	06/21/07	15:22
ASE-106A-7B1	J0XK21AA	RR0651.D	06/21/07	15:41
ASE-124A-7B1	J0XK51AA	RR0652.D	06/21/07	16:00
ASE-89A-7B1	J0XK91AA	RR0653.D	06/21/07	16:19
ASE-89A-7B1	J0XK92AA	RR0654.D	06/21/07	16:38
TB-061207	J0XKA1AA	RR0639.D	06/21/07	11:53
ASE-107A-7B1	J0XKE1AA	RR0640.D	06/21/07	12:12
ASE-113A-7B1	J0XKG1AA	RR0641.D	06/21/07	12:31
ASE-96A-7B1	J0XKL1AA	RR0642.D	06/21/07	12:50
ASE-96A-7B1	J0XKL2AA	RR0643.D	06/21/07	13:09
ASE-95A-7B1	J0XKQ1AA	RR0644.D	06/21/07	13:28
ASE-95A-7B1	J0XKQ2AA	RR0645.D	06/21/07	13:47
ASE-125A-7B1	J0XKW1AA	RR0648.D	06/21/07	14:44
ASE-128A-7B1	J0XKX1AA	RR0649.D	06/21/07	15:03
CHECK SAMPLE	J1L1X1AC C	RR0622.D	06/21/07	06:27

STL

Semivolatile GC

Lot ID: D7F130306

Client: CH2M Hill

Method: SW846 8015B DRO

Associated Samples: 003 - 009, 011 -020

Batch: 7165366

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2102-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-003
Matrix:	WATER	**Lab WorkOrder:**	J0XJQ1AC
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 07:42
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 13:04
Sample Aliquot:	882 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	101	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-54A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-004
Matrix:	WATER	**Lab WorkOrder:**	J0XJX1AC
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 08:14
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 13:31
Sample Aliquot:	988 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	101	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-2101-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-005
Matrix:	WATER	**Lab WorkOrder:**	J0XJ11AC
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 08:52
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 13:58
Sample Aliquot:	908 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	103	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-201A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-006
Matrix:	WATER	**Lab WorkOrder:**	J0XJ31AC
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 09:34
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 14:26
Sample Aliquot:	976 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.068**	0.032	0.10		J
Q2210	TPH C10-C32	**0.072**	0.032	0.10		J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	97	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-58A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-007
Matrix:	WATER	**Lab WorkOrder:**	J0XJ41AC
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 10:52
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 14:53
Sample Aliquot:	927 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.039**	0.032	0.10		J
Q2210	TPH C10-C32	**0.044**	0.032	0.10		J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	91	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-502-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-008
Matrix:	WATER	**Lab WorkOrder:**	J0XJ71AC
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 10:52
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 15:20
Sample Aliquot:	977 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.041**	0.032	0.10		J
Q2210	TPH C10-C32	**0.046**	0.032	0.10		J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	96	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-46A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-009
Matrix:	WATER	**Lab WorkOrder:**	J0XJ81AC
% Moisture:	N/A	**Date/Time Collected:**	06/11/07 12:51
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 15:47
Sample Aliquot:	925 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.16**	0.032	0.10		
Q2210	TPH C10-C32	**0.17**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	93	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-107A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-011
Matrix:	WATER	**Lab WorkOrder:**	J0XKE1AC
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 02:00
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 16:14
Sample Aliquot:	979 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.32**	0.032	0.10		
Q2210	TPH C10-C32	**0.32**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

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

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-113A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-012
Matrix:	WATER	**Lab WorkOrder:**	J0XKG1AC
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 12:27
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 17:36
Sample Aliquot:	963 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.037**	0.032	0.10		J
Q2210	TPH C10-C32	**0.042**	0.032	0.10		J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	97	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-96A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-013
Matrix:	WATER	**Lab WorkOrder:**	J0XKL1AC
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 02:58
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 18:03
Sample Aliquot:	995 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.055**	0.032	0.10		J
Q2210	TPH C10-C32	**0.064**	0.032	0.10		J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	92	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-95A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-014
Matrix:	WATER	**Lab WorkOrder:**	J0XKQ1AC
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 04:20
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 18:31
Sample Aliquot:	1011 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.039**	0.032	0.10		J
Q2210	TPH C10-C32	**0.042**	0.032	0.10		J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	95	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-125A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-015
Matrix:	WATER	**Lab WorkOrder:**	J0XKW1AC
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 05:08
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 18:58
Sample Aliquot:	1009 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	96	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-128A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-016
Matrix:	WATER	**Lab WorkOrder:**	J0XKX1AC
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 05:55
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 19:25
Sample Aliquot:	963 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	100	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-114A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-017
Matrix:	WATER	**Lab WorkOrder:**	J0XK11AC
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 01:12
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 19:52
Sample Aliquot:	982 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	95	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-106A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-018
Matrix:	WATER	**Lab WorkOrder:**	J0XK21AC
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 07:46
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 20:19
Sample Aliquot:	993 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

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

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-124A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-019
Matrix:	WATER	**Lab WorkOrder:**	J0XK51AC
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 07:00
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 20:47
Sample Aliquot:	975 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	97	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-89A-7B1
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F130306-020
Matrix:	WATER	**Lab WorkOrder:**	J0XK91AC
% Moisture:	N/A	**Date/Time Collected:**	06/12/07 11:38
Basis:	Wet	**Date/Time Received:**	06/13/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 21:14
Sample Aliquot:	946 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**2.8**	0.032	0.10		
Q2210	TPH C10-C32	**2.8**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	100	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F140000-366B
Matrix:	WATER	**Lab WorkOrder:**	J02A21AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15:00
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 12:10
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	0.10	
Q1770	TPH quantitated as Motor Oil(C24-C36)	0.056	0.056	0.20	
Q2210	TPH C10-C32	0.032	0.032	0.10	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	93	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09KI9H

Lot/SDG Number: D7F130306 **QC Batch ID:** 7165366

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
INTRA-LAB BLANK	J02A21AA	93								0
CHECK SAMPLE	J02A21AC	91								0
PL-2101-7B1	J0XJ11AC	103								0
PL-201A-7B1	J0XJ31AC	97								0
ASE-58A-7B1	J0XJ41AC	91								0
PL-502-7B1	J0XJ71AC	96								0
ASE-46A-7B1	J0XJ81AC	93								0
PL-2102-7B1	J0XJQ1AC	101								0
ASE-54A-7B1	J0XJX1AC	101								0
ASE-114A-7B1	J0XK11AC	95								0
ASE-106A-7B1	J0XK21AC	90								0
ASE-124A-7B1	J0XK51AC	97								0
ASE-89A-7B1	J0XK91AC	100								0
ASE-107A-7B1	J0XKE1AC	90								0
ASE-113A-7B1	J0XKG1AC	97								0
ASE-96A-7B1	J0XKL1AC	92								0
ASE-95A-7B1	J0XKQ1AC	95								0
ASE-125A-7B1	J0XKW1AC	96								0
ASE-128A-7B1	J0XKX1AC	100								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:	D7F130306	**Lab Sample ID:**	D7F140000-366C
Matrix:	WATER	**Lab WorkOrder:**	J02A21AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/14/07 15:00
QC Batch ID:	7165366	**Date/Time Analyzed:**	06/19/07 12:37
Sample Aliquot:	1000 mL	**Instrument ID:**	Z2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Diesel Range Organics (C10-C28)	2.00	1.67	83		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	91	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	007F0701.
Lot/SDG Number:	D7F130306	**Lab Sample ID:**	D7F140000-366B
Matrix:	WATER	**Lab Work Order:**	J02A21AA
Analysis Method:	8015B	**Date/Time Extracted:**	06/14/07 15:00
Extraction Method:	I09KI9H	**Date/Time Analyzed:**	06/19/07 12:10
QC Batch ID:	7165366	**Instrument ID:**	Z2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
CHECK SAMPLE	J02A21AC C	007F0701.	06/19/07	12:37
PL-2101-7B1	J0XJ11AC	010F1001.	06/19/07	13:58
PL-201A-7B1	J0XJ31AC	011F1101.	06/19/07	14:26
ASE-58A-7B1	J0XJ41AC	012F1201.	06/19/07	14:53
PL-502-7B1	J0XJ71AC	013F1301.	06/19/07	15:20
ASE-46A-7B1	J0XJ81AC	014F1401.	06/19/07	15:47
PL-2102-7B1	J0XJQ1AC	008F0801.	06/19/07	13:04
ASE-54A-7B1	J0XJX1AC	009F0901.	06/19/07	13:31
ASE-114A-7B1	J0XK11AC	023F2301.	06/19/07	19:52
ASE-106A-7B1	J0XK21AC	024F2401.	06/19/07	20:19
ASE-124A-7B1	J0XK51AC	025F2501.	06/19/07	20:47
ASE-89A-7B1	J0XK91AC	026F2601.	06/19/07	21:14
ASE-107A-7B1	J0XKE1AC	015F1501.	06/19/07	16:14
ASE-113A-7B1	J0XKG1AC	018F1801.	06/19/07	17:36
ASE-96A-7B1	J0XKL1AC	019F1901.	06/19/07	18:03
ASE-95A-7B1	J0XKQ1AC	020F2001.	06/19/07	18:31
ASE-125A-7B1	J0XKW1AC	021F2101.	06/19/07	18:58
ASE-128A-7B1	J0XKX1AC	022F2201.	06/19/07	19:25

2.5
AB 6/13/07 IR1

STL Denver

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

Chain Of Custody / Analysis Request

COC # : 37380_070611
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: PO# 4745926
Site Name: Sky Harbor AZ
Location of Site: PHOENIX, AZ

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

	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-061107	Jun 11 2007	0636	BLKWATER	WATER	3	X			X		X													
2	EQUIPBLANK	PL-501-7B1	Jun 11 2007	0647	BLKWATER	WATER	3	X			X		X													
3	PL-2102	PL-2102-7B1	Jun 11 2007	0742	GW	WATER	5	X			X	X	X													
4	ASE-54A	ASE-54A-7B1	Jun 11 2007	0814	GW	WATER	5	X			X	X	X													
5	PL-2101	PL-2101-7B1	Jun 11 2007	0856	GW	WATER	5	X			X	X	X													
6	PL-201A	PL-201A-7B1	Jun 11 2007	0934	GW	WATER	5	X			X	X	X													
7	ASE-58A	ASE-58A-7B1	Jun 11 2007	1052	GW	WATER	5	X			X	X	X													
8	FIELDOC	PL-502-7B1	Jun 11 2007	1052	GW	WATER	5	X			X	X	X													
9	ASE-46A	ASE-46A-7B1	Jun 11 2007	1251	GW	WATER	5	X			X	X	X													
10	~~FIELDOC~~	~~PL-[illegible]-7B1~~	~~Jun 11 2007~~		~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~	MA												
11																										
12																										
13																										
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19																										
20																										
21																										
22																										
23																										

Special Instructions: 2nd Qtr UST GW Event. Standard 10 days TAT.
Invoice to Troy Meyer at Honeywell and invoice copy to Jennifer Holland CH2M HILL

Relinquished by:	Company:	Date/Time:	Received by:	Company:
Mike Wiese	MFA	06/12/07 1600		Fed Ex
Relinquished by:	Company:	Date/Time:	Received by:	Company:
		6/13/07 0900		STL
Relinquished by:	Company:	Date/Time:	Received by:	Company:

4.0°, 2.5°c
6/13/07 IRI

STL Denver

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

Chain Of Custody / Analysis Request

COC # : 37380_070612
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~~ Mike Hall
Project Number: PO# 4745926
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	SW8260			Lab Sample Numbers
	Location ID	Field Sample ID														
1	TRIP BLANK	TB-061207	Jun 12 2007	1135	BLKWATER	WATER	3	X			X		X			
2	ASE-107A	ASE-107A-7B1	Jun 12 2007	0200	GW	WATER	5	X			X	X	X			
3	ASE-113A	ASE-113A-7B1	Jun 12 2007	1227	GW	WATER	5	X			X	X	X			
4	ASE-96A	ASE-96A-7B1	Jun 12 2007	0258	GW	WATER	5	X			X	X	X			
5	ASE-95A	ASE-95A-7B1	Jun 12 2007	0420	GW	WATER	5	X			X	X	X			
6	ASE-125A	ASE-125A-7B1	Jun 12 2007	0508	GW	WATER	5	X			X	X	X			
7	ASE-128A	ASE-128A-7B1	Jun 12 2007	0555	GW	WATER	5	X			X	X	X			
8	~~ASE-122A~~	~~ASE-122A-7B1~~	~~Jun 12 2007~~		~~GW~~	~~WATER~~	~~11~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	MH		
9	ASE-114A	ASE-114A-7B1	Jun 12 2007	0112	GW	WATER	5	X			X	X	X			
10	ASE-106A	ASE-106A-7B1	Jun 12 2007	0746	GW	WATER	5	X			X	X	X			
11	ASE-124A	ASE-124A-7B1	Jun 12 2007	0700	GW	WATER	5	X			X	X	X			
12	ASE-89A	ASE-89A-7B1	JUN 12 07	1138	GW	WATER	5	X			X	X	X	MH		
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																

Special Instructions: 2nd Qtr UST GW Event. Standard 10 days TAT.
Invoice to Troy Meyer at Honeywell and invoice copy to Jennifer Holland CH2M HILL

Relinquished by:	Company:	Date/Time:	Received by:	Company:
	HLA	06/12/07 1600		Fed Ex
Relinquished by:	Company:	Date/Time:	Received by:	Company:
		6/13/07 0400		STL
Relinquished by:	Company:	Date/Time:	Received by:	Company:

STL Denver

Sample Receiving Checklist

Lot #: D7F130306 Date/Time Received: 6.13.07 0900

Company Name & Sampling Site: Chem Hill Honey WOLC

PM to Complete This Section: *Yes* *No* *Yes* *No*

Residual chlorine check required: ☐ ☒ Quarantined : ☐ ☒

Quote #: 69074

Special Instructions:

103

Time Zone:

• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): 3

Temperatures (°C): 4.0 2.5 2.3

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 # D7F130306

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? 1
☑	☐	☐	24.	Was a Rush form completed for quick TAT?
☑	☐	☐	25.	Was a Short Hold form completed for any short holds?
	☐	☑	26.	Were special archiving instructions indicated in the General Comments? If so, what were they?

_____

Labeling and Storage Checks:

Initials R

☑	☐	☐	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?

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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Arvada, CO 80002

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ANALYTICAL REPORT

Honeywell GW Program

Lot #: D7F140457

Daniel Moore

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

STL DENVER

Karen Kuoppala
Project Manager

June 27, 2007

Case Narrative
Lot D7F140457

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
Ten samples were received at STL Denver on June 14, 2007. The samples were received in good condition at temperatures of 4.8°C and 4.2°C.

Sample BC-18-7B1 was listed on the chain of custody, but this sample was not received by the laboratory.

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 D7F140457-004 and 005 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. Results that exceed the calibration range in the least dilute analysis are flagged "E" to indicate an estimated value. There is no flag defined in the Arizona DHS that applies to this situation as the samples were re-analyzed and the results of both analyses reported.

The LCS associated with batch 7173071 exhibited a percent recovery above the QC limit for 1,3,5-Trimethylbenzene. 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 7173071 was performed on D7F140457-009 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.

GC Semivolatiles Diesel Range Organics – SW846 8015B
The results for method 8015B were reported to the Method Detection Limit (MDL) in order to meet the project specific Reporting Limits (RL). Values reported between the MDL and RL are qualified "E5" as per the Arizona DHS.

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 performed on D7F140457-009 and was in control.

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 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. MS/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, i.e., 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.

EXECUTIVE SUMMARY - Detection Highlights

D7F140457

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-126A-7B1 06/13/07 03:37 002				
TPH C10-C32	0.094 J	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.093 J	0.10	mg/L	SW846 8015B
1,1-Dichloroethane	20	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	4.2	2.0	ug/L	SW846 8260B
Trichloroethene	1.1	1.0	ug/L	SW846 8260B
Vinyl chloride	1.8	1.0	ug/L	SW846 8260B
Isopropylbenzene	2.1	2.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	3.0	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	8.0	5.0	ug/L	SW846 8260B
Naphthalene	4.1	2.0	ug/L	SW846 8260B
ASE-97A-7B1 06/13/07 02:52 003				
TPH C10-C32	0.050 J	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.049 J	0.10	mg/L	SW846 8015B
1,1-Dichloroethane	23	2.0	ug/L	SW846 8260B
Vinyl chloride	1.7	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	5.5	5.0	ug/L	SW846 8260B
ASE-90A-7B1 06/13/07 01:50 004				
TPH C10-C32	2.2	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	2.2	0.10	mg/L	SW846 8015B
Benzene	74 E	1.0	ug/L	SW846 8260B
Benzene	99	10	ug/L	SW846 8260B
1,1-Dichloroethane	9.1	2.0	ug/L	SW846 8260B
Vinyl chloride	2.2	1.0	ug/L	SW846 8260B
n-Butylbenzene	5.2	5.0	ug/L	SW846 8260B
sec-Butylbenzene	9.8	5.0	ug/L	SW846 8260B
Isopropylbenzene	29	2.0	ug/L	SW846 8260B
Isopropylbenzene	27	20	ug/L	SW846 8260B
n-Propylbenzene	34	2.0	ug/L	SW846 8260B
n-Propylbenzene	31	20	ug/L	SW846 8260B
Methyl tert-butyl ether	320 E	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	380	50	ug/L	SW846 8260B
Naphthalene	100 E	2.0	ug/L	SW846 8260B
Naphthalene	140	20	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7F140457

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PL-503-7B1 06/13/07 02:00 005				
TPH C10-C32	2.6	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	2.6	0.10	mg/L	SW846 8015B
Benzene	68 E	1.0	ug/L	SW846 8260B
Benzene	110	10	ug/L	SW846 8260B
Chloroethane	5.1	5.0	ug/L	SW846 8260B
1,1-Dichloroethane	9.3	2.0	ug/L	SW846 8260B
Vinyl chloride	2.1	1.0	ug/L	SW846 8260B
n-Butylbenzene	5.4	5.0	ug/L	SW846 8260B
sec-Butylbenzene	10	5.0	ug/L	SW846 8260B
Isopropylbenzene	29	2.0	ug/L	SW846 8260B
Isopropylbenzene	30	20	ug/L	SW846 8260B
n-Propylbenzene	33	2.0	ug/L	SW846 8260B
n-Propylbenzene	35	20	ug/L	SW846 8260B
Methyl tert-butyl ether	300 E	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	400	50	ug/L	SW846 8260B
Naphthalene	120 E	2.0	ug/L	SW846 8260B
Naphthalene	160	20	ug/L	SW846 8260B
ASE-112A-7B1 06/13/07 12:28 006				
TPH C10-C32	0.58	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.58	0.10	mg/L	SW846 8015B
Benzene	4.7	1.0	ug/L	SW846 8260B
Isopropylbenzene	4.3	2.0	ug/L	SW846 8260B
n-Propylbenzene	2.5	2.0	ug/L	SW846 8260B
Naphthalene	4.1	2.0	ug/L	SW846 8260B
ASE-105A-7B1 06/13/07 01:05 007				
TPH C10-C32	0.090 J	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.088 J	0.10	mg/L	SW846 8015B
Benzene	18	1.0	ug/L	SW846 8260B
Isopropylbenzene	5.4	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	6.9	5.0	ug/L	SW846 8260B
Naphthalene	2.9	2.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7F140457

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
BC-8B-7B1 06/13/07 05:24 008				
Benzene	1.1	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	22	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	2.3	2.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	2.8	2.0	ug/L	SW846 8260B
Vinyl chloride	2.5	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	30	5.0	ug/L	SW846 8260B

METHODS SUMMARY

D7F140457

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

D7F140457

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

D7F140457

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J03E2	001	TB-061307	06/13/07	11:10
J03E4	002	ASE-126A-7B1	06/13/07	03:37
J03E9	003	ASE-97A-7B1	06/13/07	02:52
J03FC	004	ASE-90A-7B1	06/13/07	01:50
J03FF	005	PL-503-7B1	06/13/07	02:00
J03FG	006	ASE-112A-7B1	06/13/07	12:28
J03FH	007	ASE-105A-7B1	06/13/07	01:05
J03FK	008	BC-8B-7B1	06/13/07	05:24
J03FM	009	ASE-122A-7B1	06/13/07	11:38
J03FV	010	ASE-99A-7B1	06/13/07	04:46

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

D7F140457

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		7177031	7177098
002	WATER	SW846 8015B		7169417	7169241
	WATER	SW846 8260B		7177031	7177098
003	WATER	SW846 8015B		7169417	7169241
	WATER	SW846 8260B		7177031	7177098
004	WATER	SW846 8015B		7169417	7169241
	WATER	SW846 8260B		7177031	7177098
005	WATER	SW846 8015B		7169417	7169241
	WATER	SW846 8260B		7177031	7177098
006	WATER	SW846 8015B		7169417	7169241
	WATER	SW846 8260B		7177031	7177098
007	WATER	SW846 8015B		7169417	7169241
	WATER	SW846 8260B		7177031	7177098
008	WATER	SW846 8015B		7169417	7169241
	WATER	SW846 8260B		7177031	7177098
009	WATER	SW846 8015B		7169417	7169241
	WATER	SW846 8260B		7177031	7177098
010	WATER	SW846 8015B		7169417	7169241
	WATER	SW846 8260B		7177031	7177098

STL

Volatile GC/MS

Lot ID: D7F140457

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 001 – 010

Batch: 7177031

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-061307
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-001
Matrix:	WATER	**Lab WorkOrder:**	J03E21AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:10
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 08:09
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-061307
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-001
Matrix:	WATER	**Lab WorkOrder:**	J03E21AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:10
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 08:09
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-061307
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-001
Matrix:	WATER	**Lab WorkOrder:**	J03E21AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:10
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 08:09
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	75	70	127		
2037-26-5	Toluene-d8	106	83	125		
1868-53-7	Dibromofluoromethane	86	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-126A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-002
Matrix:	WATER	**Lab WorkOrder:**	J03E41AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 03:37
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 08:28
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**20**	2.0		
75-35-4	1,1-Dichloroethene	**4.2**	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	**3.0**	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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-126A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-002
Matrix:	WATER	**Lab WorkOrder:**	J03E41AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 03:37
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 08:28
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	**8.0**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**4.1**	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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-126A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-002
Matrix:	WATER	**Lab WorkOrder:**	J03E41AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 03:37
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 08:28
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	**1.1**	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	79	70	127		
2037-26-5	Toluene-d8	103	83	125		
1868-53-7	Dibromofluoromethane	88	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:**	ASE-97A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-003
Matrix:	WATER	**Lab WorkOrder:**	J03E91AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 02:52
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 08:47
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**23**	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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-97A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-003
Matrix:	WATER	**Lab WorkOrder:**	J03E91AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 02:52
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 08:47
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	**5.5**	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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-97A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-003
Matrix:	WATER	**Lab WorkOrder:**	J03E91AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 02:52
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 08:47
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	**1.7**	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	103	83	125		
1868-53-7	Dibromofluoromethane	92	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-90A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-004
Matrix:	WATER	**Lab WorkOrder:**	J03FC1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 01:50
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 09:06
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**9.1**	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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-90A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-004
Matrix:	WATER	**Lab WorkOrder:**	J03FC1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 01:50
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 09:06
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**74**	1.0		E
108-86-1	Bromobenzene	ND	5.0		
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	**29**	2.0		
1634-04-4	Methyl tert-butyl ether	**320**	5.0		E
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**100**	2.0		E
104-51-8	n-Butylbenzene	**5.2**	5.0		
103-65-1	n-Propylbenzene	**34**	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	**9.8**	5.0		
100-42-5	Styrene	ND	2.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-90A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-004
Matrix:	WATER	**Lab WorkOrder:**	J03FC1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 01:50
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 09:06
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	**2.2**	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	91	70	127		
2037-26-5	Toluene-d8	104	83	125		
1868-53-7	Dibromofluoromethane	91	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-90A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-004
Matrix:	WATER	**Lab WorkOrder:**	J03FC2AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 01:50
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 09:25
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	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	30	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	L1D2	
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	
110-75-8	2-Chloroethyl vinyl ether	ND	30	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	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-90A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-004
Matrix:	WATER	**Lab WorkOrder:**	J03FC2AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 01:50
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 09:25
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**99**	10	D2	
108-86-1	Bromobenzene	ND	50	D2	
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	**27**	20	D2	
1634-04-4	Methyl tert-butyl ether	**380**	50	D2	
75-09-2	Methylene chloride	ND	50	D2	
91-20-3	Naphthalene	**140**	20	D2	
104-51-8	n-Butylbenzene	ND	50	D2	
103-65-1	n-Propylbenzene	**31**	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	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-90A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-004
Matrix:	WATER	**Lab WorkOrder:**	J03FC2AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 01:50
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 09:25
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	50	D2	
127-18-4	Tetrachloroethene	ND	10	D2	
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	84	70	127	D2	
2037-26-5	Toluene-d8	101	83	125	D2	
1868-53-7	Dibromofluoromethane	90	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:**	PL-503-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-005
Matrix:	WATER	**Lab WorkOrder:**	J03FF1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 02:00
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 09:44
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**9.3**	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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-503-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-005
Matrix:	WATER	**Lab WorkOrder:**	J03FF1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 02:00
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 09:44
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**68**	1.0		E
108-86-1	Bromobenzene	ND	5.0		
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	**5.1**	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	**29**	2.0		
1634-04-4	Methyl tert-butyl ether	**300**	5.0		E
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**120**	2.0		E
104-51-8	n-Butylbenzene	**5.4**	5.0		
103-65-1	n-Propylbenzene	**33**	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	**10**	5.0		
100-42-5	Styrene	ND	2.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-503-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-005
Matrix:	WATER	**Lab WorkOrder:**	J03FF1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 02:00
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 09:44
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	**2.1**	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	101	83	125		
1868-53-7	Dibromofluoromethane	90	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-503-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-005
Matrix:	WATER	**Lab WorkOrder:**	J03FF2AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 02:00
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 10:03
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	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	30	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	
110-75-8	2-Chloroethyl vinyl ether	ND	30	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	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-503-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-005
Matrix:	WATER	**Lab WorkOrder:**	J03FF2AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 02:00
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 10:03
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**110**	10	D2	
108-86-1	Bromobenzene	ND	50	D2	
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	**30**	20	D2	
1634-04-4	Methyl tert-butyl ether	**400**	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	**35**	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	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-503-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-005
Matrix:	WATER	**Lab WorkOrder:**	J03FF2AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 02:00
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 10:03
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	50	D2	
127-18-4	Tetrachloroethene	ND	10	D2	
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	87	70	127	D2	
2037-26-5	Toluene-d8	99	83	125	D2	
1868-53-7	Dibromofluoromethane	91	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-112A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-006
Matrix:	WATER	**Lab WorkOrder:**	J03FG1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 12:28
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 10:22
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-112A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-006
Matrix:	WATER	**Lab WorkOrder:**	J03FG1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 12:28
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 10:22
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**4.7**	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	**4.3**	2.0		
1634-04-4	Methyl tert-butyl ether	ND	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**4.1**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	**2.5**	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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-112A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-006
Matrix:	WATER	**Lab WorkOrder:**	J03FG1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 12:28
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 10:22
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	87	70	127		
2037-26-5	Toluene-d8	100	83	125		
1868-53-7	Dibromofluoromethane	89	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-105A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-007
Matrix:	WATER	**Lab WorkOrder:**	J03FH1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 01:05
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 10:41
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-105A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-007
Matrix:	WATER	**Lab WorkOrder:**	J03FH1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 01:05
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 10:41
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**18**	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	**5.4**	2.0		
1634-04-4	Methyl tert-butyl ether	**6.9**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**2.9**	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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-105A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-007
Matrix:	WATER	**Lab WorkOrder:**	J03FH1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 01:05
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 10:41
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	99	83	125		
1868-53-7	Dibromofluoromethane	88	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-8B-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-008
Matrix:	WATER	**Lab WorkOrder:**	J03FK1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 05:24
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:00
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**22**	2.0		
75-35-4	1,1-Dichloroethene	**2.3**	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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8B-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-008
Matrix:	WATER	**Lab WorkOrder:**	J03FK1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 05:24
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:00
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**1.1**	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		
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	**30**	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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8B-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-008
Matrix:	WATER	**Lab WorkOrder:**	J03FK1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 05:24
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:00
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	**2.5**	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	84	70	127		
2037-26-5	Toluene-d8	99	83	125		
1868-53-7	Dibromofluoromethane	91	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:**	ASE-122A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-009
Matrix:	WATER	**Lab WorkOrder:**	J03FM1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:19
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	M1	
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0	M2	
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-122A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-009
Matrix:	WATER	**Lab WorkOrder:**	J03FM1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:19
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-122A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-009
Matrix:	WATER	**Lab WorkOrder:**	J03FM1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:19
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	98	83	125		
1868-53-7	Dibromofluoromethane	91	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:**	ASE-99A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-010
Matrix:	WATER	**Lab WorkOrder:**	J03FV1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 04:46
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 12:35
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-99A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-010
Matrix:	WATER	**Lab WorkOrder:**	J03FV1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 04:46
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 12:35
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-99A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-010
Matrix:	WATER	**Lab WorkOrder:**	J03FV1AA
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 04:46
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 12:35
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	86	70	127		
2037-26-5	Toluene-d8	97	83	125		
1868-53-7	Dibromofluoromethane	91	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:**	
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F260000-031B
Matrix:	WATER	**Lab WorkOrder:**	J1RM31AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 07:45
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	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.79	0.79	3.0	
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	L1
108-05-4	Vinyl acetate	0.94	0.94	25	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F260000-031B
Matrix:	WATER	**Lab WorkOrder:**	J1RM31AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 07:45
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-01-4	Vinyl chloride	0.17	0.17	1.0	
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	
110-75-8	2-Chloroethyl vinyl ether	0.74	0.74	3.0	
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	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F260000-031B
Matrix:	WATER	**Lab WorkOrder:**	J1RM31AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 07:45
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	
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	83	70	127	
2037-26-5	Toluene-d8	97	83	125	
1868-53-7	Dibromofluoromethane	89	77	119	
460-00-4	4-Bromofluorobenzene	93	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I25QK9H

Lot/SDG Number: D7F140457 **QC Batch ID:** 7177031

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
TB-061307	J03E21AA	75	94	86	106					0
ASE-126A-7B1	J03E41AA	79	96	88	103					0
ASE-97A-7B1	J03E91AA	84	101	92	103					0
ASE-90A-7B1	J03FC1AA	91	101	91	104					0
ASE-90A-7B1	J03FC2AA	84	99	90	101					0
PL-503-7B1	J03FF1AA	90	97	90	101					0
PL-503-7B1	J03FF2AA	87	98	91	99					0
ASE-112A-7B1	J03FG1AA	87	98	89	100					0
ASE-105A-7B1	J03FH1AA	84	98	88	99					0
BC-8B-7B1	J03FK1AA	84	96	91	99					0
ASE-122A-7B1	J03FM1AA	84	96	91	98					0
ASE-122A-7B1 MS	J03FM1AD	86	101	94	99					0
ASE-122A-7B1 MSD	J03FM1AE	81	98	92	100					0
ASE-99A-7B1	J03FV1AA	86	96	91	97					0
INTRA-LAB BLANK	J1RM31AA	83	93	89	97					0
CHECK SAMPLE	J1RM31AC	82	97	89	99					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:	D7F140457	**Lab Sample ID:**	D7F260000-031C
Matrix:	WATER	**Lab WorkOrder:**	J1RM31AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 07:07
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	5.15	103		72 - 117
Acetone	10.0	5.72	57		48 - 130
Ethylbenzene	5.00	5.64	113		78 - 118
Trichlorofluoromethane	5.00	5.73	115		63 - 135
Hexachlorobutadiene	5.00	3.98	80		73 - 123
2-Hexanone	10.0	9.29	93		57 - 121
Isopropylbenzene	5.00	4.98	100		71 - 111
p-Isopropyltoluene	5.00	4.91	98		76 - 113
Methylene chloride	5.00	5.16	103		71 - 119
4-Methyl-2-pentanone	10.0	9.41	94		65 - 118
Naphthalene	5.00	3.35	67		62 - 121
Benzene	5.00	4.49	90		77 - 118
n-Propylbenzene	5.00	5.75	115		76 - 116
Styrene	5.00	5.33	107		77 - 117
1,1,1,2-Tetrachloroethane	5.00	4.91	98		77 - 117
1,1,2,2-Tetrachloroethane	5.00	5.16	103		73 - 119
Tetrachloroethene	5.00	5.27	105		77 - 117
Toluene	5.00	5.63	113		73 - 120
1,2,3-Trichlorobenzene	5.00	3.89	78		66 - 123
1,2,4-Trichlorobenzene	5.00	4.05	81		73 - 121
1,1,1-Trichloroethane	5.00	5.25	105		78 - 118
1,1,2-Trichloroethane	5.00	5.21	104		76 - 116
Trichloroethene	5.00	4.48	90		78 - 122
1,2,3-Trichloropropane	5.00	5.42	108		72 - 120
1,2,4-Trimethylbenzene	5.00	5.81	116		77 - 117
1,3,5-Trimethylbenzene	5.00	6.12	122	L1	77 - 117
Vinyl acetate	5.00	4.14	83		63 - 124
Vinyl chloride	5.00	5.28	106		49 - 136
Xylenes (total)	15.0	16.6	111		77 - 117

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F260000-031C
Matrix:	WATER	**Lab WorkOrder:**	J1RM31AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 07:07
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Methyl tert-butyl ether	10.0	8.84	88		58 - 116
Bromobenzene	5.00	5.53	111		75 - 115
Bromochloromethane	5.00	4.41	88		78 - 118
Bromodichloromethane	5.00	4.62	92		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	4.09	82		65 - 117
1,2-Dibromoethane (EDB)	5.00	5.23	105		77 - 117
2-Butanone (MEK)	10.0	8.50	85		57 - 120
Bromoform	5.00	4.94	99		74 - 121
Bromomethane	5.00	5.39	108		42 - 154
n-Butylbenzene	5.00	5.27	105		76 - 117
sec-Butylbenzene	5.00	5.55	111		80 - 120
tert-Butylbenzene	5.00	5.47	109		76 - 116
Carbon disulfide	5.00	3.62	72		56 - 104
Carbon tetrachloride	5.00	5.05	101		80 - 120
Chlorobenzene	5.00	5.12	102		78 - 118
Chlorodibromomethane	5.00	4.64	93		76 - 116
Chloroethane	5.00	5.33	107		51 - 133
2-Chloroethyl vinyl ether	5.00	5.17	103		17 - 150
Chloroform	5.00	4.88	98		78 - 118
Chloromethane	5.00	5.66	113		46 - 142
2-Chlorotoluene	5.00	5.49	110		76 - 116
4-Chlorotoluene	5.00	5.26	105		78 - 118
Dibromomethane	5.00	4.91	98		77 - 117
1,2-Dichlorobenzene	5.00	4.74	95		76 - 116
1,3-Dichlorobenzene	5.00	5.04	101		75 - 115
1,4-Dichlorobenzene	5.00	5.02	100		77 - 117
Dichlorodifluoromethane	5.00	5.68	114		56 - 140
1,1-Dichloroethane	5.00	5.14	103		77 - 117
1,2-Dichloroethane	5.00	4.80	96		74 - 120

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F260000-031C
Matrix:	WATER	**Lab WorkOrder:**	J1RM31AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 07:07
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethene	5.00	5.54	111		68 - 133
cis-1,2-Dichloroethene	5.00	4.96	99		75 - 115
trans-1,2-Dichloroethene	5.00	5.16	103		80 - 120
1,2-Dichloropropane	5.00	4.76	95		76 - 116
1,3-Dichloropropane	5.00	5.29	106		75 - 115
2,2-Dichloropropane	5.00	5.35	107		72 - 128
1,1-Dichloropropene	5.00	4.97	99		75 - 115
cis-1,3-Dichloropropene	5.00	5.28	106		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	99	83	125	
1868-53-7	Dibromofluoromethane	89	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-122A-7B1
Lot/SDG Number:	D7F140457	**MS Lab Sample ID:**	D7F140457-009S
Matrix:	WATER	**MS Lab WorkOrder:**	J03FM1AD
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:38
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		4.73	95		77 - 117
1,1,1-Trichloroethane	5.00	0.16		4.89	98		78 - 118
1,1,2,2-Tetrachloroethane	5.00	0.20		5.24	105		73 - 119
1,1,2-Trichloroethane	5.00	0.32		5.39	108		76 - 116
1,1-Dichloroethane	5.00	0.16		4.83	97		77 - 117
1,1-Dichloroethene	5.00	0.14		5.58	107		68 - 133
1,1-Dichloropropene	5.00	0.15		4.74	95		75 - 115
1,2,3-Trichlorobenzene	5.00	0.18		4.09	82		66 - 123
1,2,3-Trichloropropane	5.00	0.27	M1	5.23	105		72 - 120
1,2,4-Trichlorobenzene	5.00	0.32		4.20	84		73 - 121
1,2,4-Trimethylbenzene	5.00	0.14		5.19	104		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	5.00	1.5		4.16	83		65 - 117
1,2-Dibromoethane (EDB)	5.00	0.18		5.32	106		77 - 117
1,2-Dichlorobenzene	5.00	0.13		4.51	90		76 - 116
1,2-Dichloroethane	5.00	0.13		4.74	95		74 - 120
1,2-Dichloropropane	5.00	0.13		4.81	96		76 - 116
1,3,5-Trimethylbenzene	5.00	0.14	L1	5.24	105	L1	77 - 117
1,3-Dichlorobenzene	5.00	0.16		4.58	92		75 - 115
1,3-Dichloropropane	5.00	0.15		5.13	103		75 - 115
1,4-Dichlorobenzene	5.00	0.16		4.73	95		77 - 117
2,2-Dichloropropane	5.00	0.20		4.73	95		72 - 128
2-Butanone (MEK)	10.0	1.8		9.49	95		57 - 120
2-Chloroethyl vinyl ether	5.00	0.74	M2	0.74	0.0	M2	17 - 150
2-Chlorotoluene	5.00	0.17		4.88	98		76 - 116
2-Hexanone	10.0	1.4		10.2	102		57 - 121
4-Chlorotoluene	5.00	0.17		4.73	95		78 - 118
4-Methyl-2-pentanone	10.0	0.49		10.8	108		65 - 118
Acetone	10.0	1.9		5.31	53		48 - 130
Benzene	5.00	0.16		4.32	86		77 - 118
Bromobenzene	5.00	0.17		5.12	102		75 - 115

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-122A-7B1
Lot/SDG Number:	D7F140457	**MS Lab Sample ID:**	D7F140457-009S
Matrix:	WATER	**MS Lab WorkOrder:**	J03FM1AD
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:38
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Bromochloromethane	5.00	0.10		4.25	85		78 - 118
Bromodichloromethane	5.00	0.17		4.54	91		78 - 118
Bromoform	5.00	0.19		4.75	95		74 - 121
Bromomethane	5.00	0.21		4.14	83		42 - 154
Carbon disulfide	5.00	0.45		3.21	64		56 - 104
Carbon tetrachloride	5.00	0.19		4.56	91		80 - 120
Chlorobenzene	5.00	0.17		5.09	102		78 - 118
Chlorodibromomethane	5.00	0.17		4.65	93		76 - 116
Chloroethane	5.00	0.41		4.95	99		51 - 133
Chloroform	5.00	0.16		4.83	97		78 - 118
Chloromethane	5.00	0.30		4.97	99		46 - 142
cis-1,2-Dichloroethene	5.00	0.15		4.80	96		75 - 115
cis-1,3-Dichloropropene	5.00	0.16		5.04	101		76 - 116
Dibromomethane	5.00	0.17		4.81	96		77 - 117
Dichlorodifluoromethane	5.00	0.31		5.11	102		56 - 140
Ethylbenzene	5.00	0.16		5.42	108		78 - 118
Hexachlorobutadiene	5.00	0.12		3.77	75		73 - 123
Isopropylbenzene	5.00	0.19		4.76	95		71 - 111
Methyl tert-butyl ether	10.0	0.25		9.37	94		58 - 116
Methylene chloride	5.00	0.32		4.53	91		71 - 119
n-Butylbenzene	5.00	0.14		4.81	96		76 - 117
n-Propylbenzene	5.00	0.16		4.96	99		76 - 116
Naphthalene	5.00	0.22		3.79	68		62 - 121
p-Isopropyltoluene	5.00	0.17		4.35	87		76 - 113
sec-Butylbenzene	5.00	0.17		5.03	101		80 - 120
Styrene	5.00	0.17		4.48	90		77 - 117
tert-Butylbenzene	5.00	0.16		4.84	97		76 - 116
Tetrachloroethene	5.00	0.20		5.69	101		77 - 117
Toluene	5.00	0.17		5.48	106		73 - 120
trans-1,2-Dichloroethene	5.00	0.15		4.95	99		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-122A-7B1
Lot/SDG Number:	D7F140457	**MS Lab Sample ID:**	D7F140457-009S
Matrix:	WATER	**MS Lab WorkOrder:**	J03FM1AD
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:38
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
trans-1,3-Dichloropropene	5.00	0.19		5.24	105		72 - 117
Trichloroethene	5.00	0.16		4.35	83		78 - 122
Trichlorofluoromethane	5.00	0.29		5.51	110		63 - 135
Vinyl acetate	5.00	0.94		3.66	73		63 - 124
Vinyl chloride	5.00	0.17		5.06	101		49 - 136
Xylenes (total)	15.0	0.19		15.8	106		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	86	70	127	
460-00-4	4-Bromofluorobenzene	101	78	118	
1868-53-7	Dibromofluoromethane	94	77	119	
2037-26-5	Toluene-d8	99	83	125	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-122A-7B1
Lot/SDG Number:	D7F140457	**MSD Lab Sample ID:**	D7F140457-009D
Matrix:	WATER	**MSD Lab WorkOrder:**	J03FM1AE
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:57
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		4.98	100	5.2		77 - 117	20
1,1,1-Trichloroethane	5.00	0.16		5.07	101	3.6		78 - 118	20
1,1,2,2-Tetrachloroethane	5.00	0.20		5.64	113	7.4		73 - 119	20
1,1,2-Trichloroethane	5.00	0.32		5.27	105	2.3		76 - 116	21
1,1-Dichloroethane	5.00	0.16		5.07	101	4.7		77 - 117	21
1,1-Dichloroethene	5.00	0.14		5.57	107	0.30		68 - 133	20
1,1-Dichloropropene	5.00	0.15		4.82	96	1.7		75 - 115	21
1,2,3-Trichlorobenzene	5.00	0.18		4.47	89	8.9		66 - 123	29
1,2,3-Trichloropropane	5.00	0.27	M1	6.10	122	15	M1	72 - 120	23
1,2,4-Trichlorobenzene	5.00	0.32		4.70	94	11		73 - 121	25
1,2,4-Trimethylbenzene	5.00	0.14		5.80	116	11		77 - 117	20
1,2-Dibromo-3-chloroprop	5.00	1.5		4.40	88	5.7		65 - 117	22
1,2-Dibromoethane (EDB)	5.00	0.18		5.50	110	3.3		77 - 117	20
1,2-Dichlorobenzene	5.00	0.13		5.00	100	10		76 - 116	20
1,2-Dichloroethane	5.00	0.13		4.86	97	2.6		74 - 120	20
1,2-Dichloropropane	5.00	0.13		5.00	100	4.0		76 - 116	20
1,3,5-Trimethylbenzene	5.00	0.14	L1	5.81	116	10	L1	77 - 117	20
1,3-Dichlorobenzene	5.00	0.16		4.96	99	8.0		75 - 115	20
1,3-Dichloropropane	5.00	0.15		5.60	112	8.6		75 - 115	20
1,4-Dichlorobenzene	5.00	0.16		5.02	100	5.9		77 - 117	23
2,2-Dichloropropane	5.00	0.20		5.00	100	5.6		72 - 128	24
2-Butanone (MEK)	10.0	1.8		9.50	95	0.060		57 - 120	32
2-Chloroethyl vinyl ether	5.00	0.74	M2	0.74	0.0	0.0	M2	17 - 150	31
2-Chlorotoluene	5.00	0.17		5.15	103	5.3		76 - 116	20
2-Hexanone	10.0	1.4		10.0	100	1.7		57 - 121	25

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-122A-7B1
Lot/SDG Number:	D7F140457	**MSD Lab Sample ID:**	D7F140457-009D
Matrix:	WATER	**MSD Lab WorkOrder:**	J03FM1AE
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:57
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
4-Chlorotoluene	5.00	0.17		5.10	102	7.5		78 - 118	20
4-Methyl-2-pentanone	10.0	0.49		9.75	98	10		65 - 118	22
Acetone	10.0	1.9		6.19	62	15		48 - 130	41
Benzene	5.00	0.16		4.43	89	2.6		77 - 118	20
Bromobenzene	5.00	0.17		5.62	112	9.5		75 - 115	20
Bromochloromethane	5.00	0.10		4.59	92	7.7		78 - 118	20
Bromodichloromethane	5.00	0.17		4.81	96	5.7		78 - 118	20
Bromoform	5.00	0.19		5.27	105	10		74 - 121	21
Bromomethane	5.00	0.21		4.76	95	14		42 - 154	24
Carbon disulfide	5.00	0.45		3.62	72	12		56 - 104	20
Carbon tetrachloride	5.00	0.19		4.81	96	5.5		80 - 120	21
Chlorobenzene	5.00	0.17		5.33	107	4.7		78 - 118	20
Chlorodibromomethane	5.00	0.17		4.85	97	4.2		76 - 116	20
Chloroethane	5.00	0.41		5.32	106	7.0		51 - 133	25
Chloroform	5.00	0.16		5.05	101	4.4		78 - 118	20
Chloromethane	5.00	0.30		5.27	105	5.8		46 - 142	24
cis-1,2-Dichloroethene	5.00	0.15		5.17	103	7.4		75 - 115	20
cis-1,3-Dichloropropene	5.00	0.16		5.47	109	8.3		76 - 116	20
Dibromomethane	5.00	0.17		5.04	101	4.6		77 - 117	20
Dichlorodifluoromethane	5.00	0.31		5.47	109	6.7		56 - 140	24
Ethylbenzene	5.00	0.16		5.60	112	3.3		78 - 118	26
Hexachlorobutadiene	5.00	0.12		4.13	83	9.2		73 - 123	25
Isopropylbenzene	5.00	0.19		5.09	102	6.7		71 - 111	20
Methyl tert-butyl ether	10.0	0.25		9.88	99	5.3		58 - 116	21
Methylene chloride	5.00	0.32		4.94	99	8.7		71 - 119	20

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-122A-7B1
Lot/SDG Number:	D7F140457	**MSD Lab Sample ID:**	D7F140457-009D
Matrix:	WATER	**MSD Lab WorkOrder:**	J03FM1AE
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:57
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
n-Butylbenzene	5.00	0.14		5.06	101	5.2		76 - 117	21
n-Propylbenzene	5.00	0.16		5.49	110	10		76 - 116	20
Naphthalene	5.00	0.22		4.36	79	14		62 - 121	32
p-Isopropyltoluene	5.00	0.17		4.66	93	6.9		76 - 113	20
sec-Butylbenzene	5.00	0.17		5.53	111	9.5		80 - 120	21
Styrene	5.00	0.17		3.89	78	14		77 - 117	20
tert-Butylbenzene	5.00	0.16		5.13	103	5.7		76 - 116	21
Tetrachloroethene	5.00	0.20		5.82	104	2.2		77 - 117	20
Toluene	5.00	0.17		5.81	113	5.7		73 - 120	20
trans-1,2-Dichloroethene	5.00	0.15		5.34	107	7.5		80 - 120	24
trans-1,3-Dichloropropene	5.00	0.19		5.48	110	4.4		72 - 117	20
Trichloroethene	5.00	0.16		4.66	90	6.9		78 - 122	20
Trichlorofluoromethane	5.00	0.29		5.69	114	3.2		63 - 135	20
Vinyl acetate	5.00	0.94		3.93	79	6.9		63 - 124	24
Vinyl chloride	5.00	0.17		5.31	106	4.7		49 - 136	24
Xylenes (total)	15.0	0.19		16.5	110	3.9		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127	
460-00-4	4-Bromofluorobenzene	98	78	118	
1868-53-7	Dibromofluoromethane	92	77	119	
2037-26-5	Toluene-d8	100	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	RR0793.D
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F260000-031B
Matrix:	WATER	**Lab Work Order:**	J1RM31AA
Analysis Method:	8260B	**Date/Time Extracted:**	06/25/07 06:17
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	06/25/07 07:45
QC Batch ID:	7177031	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
TB-061307	J03E21AA	RR0793.D	06/25/07	08:09
ASE-126A-7B1	J03E41AA	RR0794.D	06/25/07	08:28
ASE-97A-7B1	J03E91AA	RR0795.D	06/25/07	08:47
ASE-90A-7B1	J03FC1AA	RR0796.D	06/25/07	09:06
ASE-90A-7B1	J03FC2AA	RR0797.D	06/25/07	09:25
PL-503-7B1	J03FF1AA	RR0798.D	06/25/07	09:44
PL-503-7B1	J03FF2AA	RR0799.D	06/25/07	10:03
ASE-112A-7B1	J03FG1AA	RR0800.D	06/25/07	10:22
ASE-105A-7B1	J03FH1AA	RR0801.D	06/25/07	10:41
BC-8B-7B1	J03FK1AA	RR0802.D	06/25/07	11:00
ASE-122A-7B1	J03FM1AA	RR0803.D	06/25/07	11:19
ASE-122A-7B1 MS	J03FM1AD S	RR0804.D	06/25/07	11:38
ASE-122A-7B1 MSD	J03FM1AE D	RR0805.D	06/25/07	11:57
ASE-99A-7B1	J03FV1AA	RR0807.D	06/25/07	12:35
CHECK SAMPLE	J1RM31AC C	RR0790.D	06/25/07	07:07

STL

Semivolatile GC

Lot ID: D7F140457

Client: CH2M Hill

Method: SW846 8015B DRO

Associated Samples: 002 - 010

Batch: 7169417

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-126A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-002
Matrix:	WATER	**Lab WorkOrder:**	J03E41AC
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 03:37
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/18/07 15
QC Batch ID:	7169417	**Date/Time Analyzed:**	06/21/07 14:38
Sample Aliquot:	1044 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.093**	0.032	0.10		J
Q2210	TPH C10-C32	**0.094**	0.032	0.10		J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	83	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-97A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-003
Matrix:	WATER	**Lab WorkOrder:**	J03E91AC
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 02:52
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/18/07 15
QC Batch ID:	7169417	**Date/Time Analyzed:**	06/21/07 15:06
Sample Aliquot:	988 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.049**	0.032	0.10		J
Q2210	TPH C10-C32	**0.050**	0.032	0.10		J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	74	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-90A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-004
Matrix:	WATER	**Lab WorkOrder:**	J03FC1AC
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 01:50
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/18/07 15
QC Batch ID:	7169417	**Date/Time Analyzed:**	06/21/07 15:33
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)	**2.2**	0.032	0.10		
Q2210	TPH C10-C32	**2.2**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

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

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-503-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-005
Matrix:	WATER	**Lab WorkOrder:**	J03FF1AC
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 02:00
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/18/07 15
QC Batch ID:	7169417	**Date/Time Analyzed:**	06/21/07 16:00
Sample Aliquot:	942 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**2.6**	0.032	0.10		
Q2210	TPH C10-C32	**2.6**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	109	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-112A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-006
Matrix:	WATER	**Lab WorkOrder:**	J03FG1AC
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 12:28
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/18/07 15
QC Batch ID:	7169417	**Date/Time Analyzed:**	06/21/07 16:27
Sample Aliquot:	991 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.58**	0.032	0.10		
Q2210	TPH C10-C32	**0.58**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

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

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-105A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-007
Matrix:	WATER	**Lab WorkOrder:**	J03FH1AC
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 01:05
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/18/07 15
QC Batch ID:	7169417	**Date/Time Analyzed:**	06/21/07 16:55
Sample Aliquot:	899 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.088**	0.032	0.10		J
Q2210	TPH C10-C32	**0.090**	0.032	0.10		J
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	88	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-8B-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-008
Matrix:	WATER	**Lab WorkOrder:**	J03FK1AC
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 05:24
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/18/07 15
QC Batch ID:	7169417	**Date/Time Analyzed:**	06/21/07 17:22
Sample Aliquot:	947 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	80	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-122A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-009
Matrix:	WATER	**Lab WorkOrder:**	J03FM1AC
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/18/07 15
QC Batch ID:	7169417	**Date/Time Analyzed:**	06/21/07 17:49
Sample Aliquot:	974 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	85	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-99A-7B1
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F140457-010
Matrix:	WATER	**Lab WorkOrder:**	J03FV1AC
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 04:46
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/18/07 15
QC Batch ID:	7169417	**Date/Time Analyzed:**	06/21/07 01:20
Sample Aliquot:	996 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	85	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F180000-417B
Matrix:	WATER	**Lab WorkOrder:**	J084A1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/18/07 15:00
QC Batch ID:	7169417	**Date/Time Analyzed:**	06/21/07 13:44
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	0.10	
Q1770	TPH quantitated as Motor Oil(C24-C36)	0.056	0.056	0.20	
Q2210	TPH C10-C32	0.032	0.032	0.10	

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

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09KI9H

Lot/SDG Number: D7F140457 **QC Batch ID:** 7169417

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-126A-7B1	J03E41AC	83								0
ASE-97A-7B1	J03E91AC	74								0
ASE-90A-7B1	J03FC1AC	84								0
PL-503-7B1	J03FF1AC	109								0
ASE-112A-7B1	J03FG1AC	90								0
ASE-105A-7B1	J03FH1AC	88								0
BC-8B-7B1	J03FK1AC	80								0
ASE-122A-7B1	J03FM1AC	85								0
ASE-122A-7B1 MS	J03FM1AF	88								0
ASE-122A-7B1 MSD	J03FM1AG	85								0
ASE-99A-7B1	J03FV1AC	85								0
INTRA-LAB BLANK	J084A1AA	90								0
CHECK SAMPLE	J084A1AC	75								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:	D7F140457	**Lab Sample ID:**	D7F180000-417C
Matrix:	WATER	**Lab WorkOrder:**	J084A1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/18/07 15:00
QC Batch ID:	7169417	**Date/Time Analyzed:**	06/21/07 14:11
Sample Aliquot:	1000 mL	**Instrument ID:**	Z2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Diesel Range Organics (C10-C28)	2.00	1.76	88		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	75	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-122A-7B1
Lot/SDG Number:	D7F140457	**MS Lab Sample ID:**	D7F140457-009S
Matrix:	WATER	**MS Lab WorkOrder:**	J03FM1AF
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/18/07 15:00
QC Batch ID:	7169417	**Date/Time Analyzed:**	06/21/07 00:26
MS Sample Aliquot:	958 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)	2.09	0.032		2.03	97		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	88	50	115	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-122A-7B1
Lot/SDG Number:	D7F140457	**MSD Lab Sample ID:**	D7F140457-009D
Matrix:	WATER	**MSD Lab WorkOrder:**	J03FM1AG
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/18/07 15:00
QC Batch ID:	7169417	**Date/Time Analyzed:**	06/21/07 00:53
MSD Sample Aliquot:	1005 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	1.99	0.032		1.79	90	12		54 - 115	31

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	85	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	008F0801.
Lot/SDG Number:	D7F140457	**Lab Sample ID:**	D7F180000-417B
Matrix:	WATER	**Lab Work Order:**	J084A1AA
Analysis Method:	8015B	**Date/Time Extracted:**	06/18/07 15:00
Extraction Method:	I09KI9H	**Date/Time Analyzed:**	06/21/07 13:44
QC Batch ID:	7169417	**Instrument ID:**	Z2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-126A-7B1	J03E41AC	008F0801.	06/21/07	14:38
ASE-97A-7B1	J03E91AC	009F0901.	06/21/07	15:06
ASE-90A-7B1	J03FC1AC	010F1001.	06/21/07	15:33
PL-503-7B1	J03FF1AC	011F1101.	06/21/07	16:00
ASE-112A-7B1	J03FG1AC	012F1201.	06/21/07	16:27
ASE-105A-7B1	J03FH1AC	013F1301.	06/21/07	16:55
BC-8B-7B1	J03FK1AC	014F1401.	06/21/07	17:22
ASE-122A-7B1	J03FM1AC	015F1501.	06/21/07	17:49
ASE-122A-7B1 MS	J03FM1AF S	086F8601.	06/21/07	00:26
ASE-122A-7B1 MSD	J03FM1AG D	087F8701.	06/21/07	00:53
ASE-99A-7B1	J03FV1AC	088F8801.	06/21/07	01:20
CHECK SAMPLE	J084A1AC C	007F0701.	06/21/07	14:11

7.01
6.14.07

STL Denver 12-2
4955 Yarrow St.
Arvada, CO 80002
Phone 303-736-0108

Chain Of Custody / Analysis Request

COC #: 37380_070613
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 ~~[illegible]~~ Hall
Project Number: PO# 4745926
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	SW8260	Lab Sample Numbers
	Location ID	Field Sample ID												
1	Trip Blank	TB-061307	Jun 13 2007	1110	BLKWATER	WATER	32	X			X		X	
2	ASE-126A	ASE-126A-7B1	Jun 13 2007	0337	GW	WATER	5	X			X	X	X	
3	ASE-97A	ASE-97A-7B1	Jun 13 2007	0252	GW	WATER	5	X			X	X	X	
4	ASE-90A	ASE-90A-7B1	Jun 13 2007	0150	GW	WATER	5	X			X	X	X	
5	FIELDQC	PL-503-7B1	Jun 13 2007	0200	GW	WATER	5	X			X	X	X	
6	ASE-112A	ASE-112A-7B1	Jun 13 2007	1228	GW	WATER	5	X			X	X	X	
7	ASE-105A	ASE-105A-7B1	Jun 13 2007	0105	GW	WATER	5	X			X	X	X	
~~8~~	~~ASE-89A~~	~~ASE-89A-7B1~~	Jun 13 2007	—	GW	WATER	5	X			X	X	X	
9	BC-8B	BC-8B-7B1	Jun 13 2007	0524	GW	WATER	5	X			X	X	X	
10	BC-18	BC-18-7B1	Jun 13 2007		GW	WATER	5	X			X	X	X	
11	ASE 122A	ASE-122A-7B1	JUN 13	1138	GW	WATER	18	X	X		X	X	X	
12	~~ASE-98A~~	~~ASE-98A-7B1~~	~~JUN 13~~	~~~~	~~GW~~	~~WATER~~	~~18~~	~~X~~	~~X~~		~~X~~	~~X~~	~~X~~	
13	ASE-99A	ASE-99A-7B1	JUN 13	0446	GW	WATER	5	X			X	X	X	
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														

Special Instructions: 2nd Qtr UST GW Event. Standard 10 days TAT.
Invoice to Troy Meyer at Honeywell and invoice copy to Jennifer Holland CH2M HILL

Relinquished by:	Company:	Date/Time:	Received by:	Company:
[signature]	H+A	06/13/07 16:00	—	Fed Ex
Relinquished by:	Company:	Date/Time:	Received by:	Company:
		6/14/07 0900	[signature]	STL
Relinquished by:	Company:	Date/Time:	Received by:	Company:

STL Denver

Sample Receiving Checklist

Lot #: D7F140457 Date/Time Received: 6/14/07 0900

Company Name & Sampling Site: CH2M Hill Honeywell

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):	1	2						
Temperatures (°C):	4.8	4.2						

N/A	*Yes*	*No*		*Initials*
☐	☒	☐	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	NB
	☒	☐	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 # D7F140457

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.	KB
☒	☐	☐	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. 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?	MT
	☒	☐	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?	

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 #: D7F160199

Daniel Moore

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

STL DENVER

Karen Kuoppala
Project Manager

June 29, 2007

Case Narrative
Lot D7F160199

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
Nineteen samples were received at STL Denver on June 16, 2007. The samples were received in good condition at temperatures of 5.3°C, 4.6°C, 3.2°C, and 3.6°C.

Sample PL-101A-7B1 was received with one of two liter amber containers broken. Sufficient volume remained to perform the requested analysis.

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 D7F160199-017, -018, and -019 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 Continuing Calibration Verification (CCV) demonstrated a percent difference of Naphthalene greater than 20% (-36.3%). Associated samples were non-detect for this parameter. The overall average percent difference was in control, meeting method requirements. Associated results are flagged V7 as per the Arizona DHS.

The LCS associated with batch 7178258 exhibited a percent recovery above the QC limits for Naphthalene. 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 7178258 was performed on sample D7F160199-002 and exhibited spike compound recoveries below the control limits for multiple compounds. In addition, the Relative Percent Difference (RDP) exceeds criteria for Styrene. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines. Associated results have been flagged "R1" 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.

Surrogate o-Terphenyl was recovered above the QC limits in samples D7F160199-013 and -016. 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 D7F160199-002 and were in control.

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 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. MS/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, i.e., 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.

EXECUTIVE SUMMARY - Detection Highlights

D7F160199

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-102A-7B1 06/14/07 12:10 006				
TPH C10-C32	0.11	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.10	0.10	mg/L	SW846 8015B
ASE-101A-7B1 06/14/07 13:20 007				
Methyl tert-butyl ether	9.5	5.0	ug/L	SW846 8260B
ASE-127A-7B1 06/15/07 05:00 012				
Tetrachloroethene	1.1	1.0	ug/L	SW846 8260B
BC-7A-7B1 06/15/07 05:44 013				
Tetrachloroethene	1.7	1.0	ug/L	SW846 8260B
ASE-61A-7B1 06/15/07 06:25 014				
Tetrachloroethene	2.2	1.0	ug/L	SW846 8260B
Trichloroethene	1.4	1.0	ug/L	SW846 8260B
ASE-60A-7B1 06/15/07 07:12 015				
Tetrachloroethene	1.7	1.0	ug/L	SW846 8260B
Trichloroethene	14	1.0	ug/L	SW846 8260B
ASE-59A-7B1 06/15/07 07:57 016				
1,1-Dichloroethane	42	2.0	ug/L	SW846 8260B
Tetrachloroethene	1.2	1.0	ug/L	SW846 8260B
Trichloroethene	6.1	1.0	ug/L	SW846 8260B
ASE-37A-7B1 06/15/07 10:25 017				
TPH C10-C32	0.15	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.15	0.10	mg/L	SW846 8015B
Benzene	84 E	1.0	ug/L	SW846 8260B
Benzene	99	5.0	ug/L	SW846 8260B
Ethylbenzene	28	2.0	ug/L	SW846 8260B
Ethylbenzene	24	10	ug/L	SW846 8260B
Trichloroethene	2.0	1.0	ug/L	SW846 8260B
Xylenes (total)	12	10	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7F160199

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-37A-7B1 06/15/07 10:25 017				
Isopropylbenzene	14	2.0	ug/L	SW846 8260B
Isopropylbenzene	12	10	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	27	2.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	24	10	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	5.4	2.0	ug/L	SW846 8260B
n-Propylbenzene	9.9	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	27	5.0	ug/L	SW846 8260B
Naphthalene	11	2.0	ug/L	SW846 8260B
Naphthalene	14	10	ug/L	SW846 8260B
PL-101A-7B1 06/15/07 11:09 018				
TPH C10-C32	0.58	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.58	0.10	mg/L	SW846 8015B
p-Isopropyltoluene	2.0	2.0	ug/L	SW846 8260B
Benzene	81 E	1.0	ug/L	SW846 8260B
Benzene	130	10	ug/L	SW846 8260B
Ethylbenzene	160 E	2.0	ug/L	SW846 8260B
Ethylbenzene	140	20	ug/L	SW846 8260B
n-Butylbenzene	5.7	5.0	ug/L	SW846 8260B
sec-Butylbenzene	9.0	5.0	ug/L	SW846 8260B
Isopropylbenzene	48	2.0	ug/L	SW846 8260B
Isopropylbenzene	43	20	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	12	2.0	ug/L	SW846 8260B
n-Propylbenzene	37	2.0	ug/L	SW846 8260B
n-Propylbenzene	35	20	ug/L	SW846 8260B
Methyl tert-butyl ether	14	5.0	ug/L	SW846 8260B
Naphthalene	100 E	2.0	ug/L	SW846 8260B
Naphthalene	120	20	ug/L	SW846 8260B
PL-505-7B1 06/15/07 11:19 019				
TPH C10-C32	0.57	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.57	0.10	mg/L	SW846 8015B
Benzene	73 E	1.0	ug/L	SW846 8260B
Benzene	130	10	ug/L	SW846 8260B
Ethylbenzene	150 E	2.0	ug/L	SW846 8260B
Ethylbenzene	140	20	ug/L	SW846 8260B
n-Butylbenzene	5.6	5.0	ug/L	SW846 8260B
sec-Butylbenzene	13	5.0	ug/L	SW846 8260B
Isopropylbenzene	45	2.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7F160199

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PL-505-7B1 06/15/07 11:19 019				
Isopropylbenzene	44	20	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	11	2.0	ug/L	SW846 8260B
n-Propylbenzene	36	2.0	ug/L	SW846 8260B
n-Propylbenzene	37	20	ug/L	SW846 8260B
Methyl tert-butyl ether	13	5.0	ug/L	SW846 8260B
Naphthalene	96 E	2.0	ug/L	SW846 8260B
Naphthalene	150	20	ug/L	SW846 8260B

METHODS SUMMARY

D7F160199

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

D7F160199

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

D7F160199

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J072Q	001	TB-061407	06/14/07	07:33
J072R	002	ASE-98A-7B1	06/14/07	08:00
J072T	003	ASE-110A-7B1	06/14/07	10:24
J072V	004	ASE-123A-7B1	06/14/07	08:46
J072W	005	ASE-109A-7B1	06/14/07	09:30
J072X	006	ASE-102A-7B1	06/14/07	12:10
J0720	007	ASE-101A-7B1	06/14/07	13:20
J0721	008	ASE-100A-7B1	06/14/07	14:04
J0722	009	ASE-103A-7B1	06/14/07	14:47
J0723	010	PL-504-7B1	06/14/07	14:58
J0724	011	TB-061507	06/15/07	04:30
J0726	012	ASE-127A-7B1	06/15/07	05:00
J0727	013	BC-7A-7B1	06/15/07	05:44
J0729	014	ASE-61A-7B1	06/15/07	06:25
J073A	015	ASE-60A-7B1	06/15/07	07:12
J073C	016	ASE-59A-7B1	06/15/07	07:57
J073D	017	ASE-37A-7B1	06/15/07	10:25
J073E	018	PL-101A-7B1	06/15/07	11:09
J073F	019	PL-505-7B1	06/15/07	11:19

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

D7F160199

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		7178258	7179082
002	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082
003	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082
004	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082
005	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082
006	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082
007	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082
008	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082
009	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082
010	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082
011	WATER	SW846 8260B		7178258	7179082
012	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082
013	WATER	SW846 8015B		7171109	
	WATER	SW846 8260B		7178258	7179082
014	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082
015	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D7F160199

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
016	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082
017	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082
018	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082
019	WATER	SW846 8015B		7170188	7170110
	WATER	SW846 8260B		7178258	7179082

STL

Volatile GC/MS

Lot ID: D7F160199

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: 001 – 019

Batch: 7178258

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-061407
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-001
Matrix:	WATER	**Lab WorkOrder:**	J072Q1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 07:33
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 08:25
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-061407
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-001
Matrix:	WATER	**Lab WorkOrder:**	J072Q1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 07:33
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 08:25
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	V7L1	
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-061407
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-001
Matrix:	WATER	**Lab WorkOrder:**	J072Q1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 07:33
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 08:25
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	76	70	127		
2037-26-5	Toluene-d8	110	83	125		
1868-53-7	Dibromofluoromethane	86	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:**	ASE-98A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-002
Matrix:	WATER	**Lab WorkOrder:**	J072R1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 08:44
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	M2	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0	M2	
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	M2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-98A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-002
Matrix:	WATER	**Lab WorkOrder:**	J072R1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 08:44
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
74-97-5	Bromochloromethane	ND	5.0	M2	
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	V7L1M2	
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	M2R1	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-98A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-002
Matrix:	WATER	**Lab WorkOrder:**	J072R1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 08:44
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	M2	
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25	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	107	83	125		
1868-53-7	Dibromofluoromethane	89	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-110A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-003
Matrix:	WATER	**Lab WorkOrder:**	J072T1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 10:24
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 09:59
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-110A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-003
Matrix:	WATER	**Lab WorkOrder:**	J072T1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 10:24
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 09:59
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	V7L1	
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-110A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-003
Matrix:	WATER	**Lab WorkOrder:**	J072T1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 10:24
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 09:59
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	104	83	125		
1868-53-7	Dibromofluoromethane	91	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-123A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-004
Matrix:	WATER	**Lab WorkOrder:**	J072V1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:46
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 10:18
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		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-123A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-004
Matrix:	WATER	**Lab WorkOrder:**	J072V1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:46
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 10:18
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	V7L1	
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-123A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-004
Matrix:	WATER	**Lab WorkOrder:**	J072V1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:46
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 10:18
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	106	83	125		
1868-53-7	Dibromofluoromethane	92	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-109A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-005
Matrix:	WATER	**Lab WorkOrder:**	J072W1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 09:30
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 10:37
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-109A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-005
Matrix:	WATER	**Lab WorkOrder:**	J072W1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 09:30
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 10:37
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	V7L1	
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-109A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-005
Matrix:	WATER	**Lab WorkOrder:**	J072W1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 09:30
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 10:37
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	103	83	125		
1868-53-7	Dibromofluoromethane	91	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-102A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-006
Matrix:	WATER	**Lab WorkOrder:**	J072X1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 12:10
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 10:56
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-102A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-006
Matrix:	WATER	**Lab WorkOrder:**	J072X1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 12:10
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 10:56
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	V7L1	
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-102A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-006
Matrix:	WATER	**Lab WorkOrder:**	J072X1AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 12:10
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 10:56
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	104	83	125		
1868-53-7	Dibromofluoromethane	92	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-101A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-007
Matrix:	WATER	**Lab WorkOrder:**	J07201AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 13:20
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 11:15
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-101A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-007
Matrix:	WATER	**Lab WorkOrder:**	J07201AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 13:20
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 11:15
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	**9.5**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	ND	2.0	V7L1	
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-101A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-007
Matrix:	WATER	**Lab WorkOrder:**	J07201AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 13:20
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 11:15
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	102	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-100A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-008
Matrix:	WATER	**Lab WorkOrder:**	J07211AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 14:04
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 11:34
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-100A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-008
Matrix:	WATER	**Lab WorkOrder:**	J07211AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 14:04
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 11:34
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	V7L1	
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-100A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-008
Matrix:	WATER	**Lab WorkOrder:**	J07211AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 14:04
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 11:34
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	92	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-103A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-009
Matrix:	WATER	**Lab WorkOrder:**	J07221AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 14:47
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 11:53
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-103A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-009
Matrix:	WATER	**Lab WorkOrder:**	J07221AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 14:47
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 11:53
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	V7L1	
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-103A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-009
Matrix:	WATER	**Lab WorkOrder:**	J07221AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 14:47
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 11:53
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	86	70	127		
2037-26-5	Toluene-d8	104	83	125		
1868-53-7	Dibromofluoromethane	94	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:**	PL-504-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-010
Matrix:	WATER	**Lab WorkOrder:**	J07231AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 14:58
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 12:12
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-504-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-010
Matrix:	WATER	**Lab WorkOrder:**	J07231AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 14:58
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 12:12
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	V7L1	
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-504-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-010
Matrix:	WATER	**Lab WorkOrder:**	J07231AA
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 14:58
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 12:12
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	104	83	125		
1868-53-7	Dibromofluoromethane	94	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:**	TB-061507
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-011
Matrix:	WATER	**Lab WorkOrder:**	J07241AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 04:30
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 12:31
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-061507
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-011
Matrix:	WATER	**Lab WorkOrder:**	J07241AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 04:30
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 12:31
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	V7L1	
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TB-061507
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-011
Matrix:	WATER	**Lab WorkOrder:**	J07241AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 04:30
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 12:31
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	86	70	127		
2037-26-5	Toluene-d8	104	83	125		
1868-53-7	Dibromofluoromethane	95	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-127A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-012
Matrix:	WATER	**Lab WorkOrder:**	J07261AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 05:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 12:50
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-127A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-012
Matrix:	WATER	**Lab WorkOrder:**	J07261AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 05:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 12:50
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	V7L1	
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-127A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-012
Matrix:	WATER	**Lab WorkOrder:**	J07261AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 05:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 12:50
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.1**	1.0		
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	93	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-7A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-013
Matrix:	WATER	**Lab WorkOrder:**	J07271AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 05:44
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 13:09
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-7A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-013
Matrix:	WATER	**Lab WorkOrder:**	J07271AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 05:44
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 13:09
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	V7L1	
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-7A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-013
Matrix:	WATER	**Lab WorkOrder:**	J07271AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 05:44
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 13:09
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.7**	1.0		
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	86	70	127		
2037-26-5	Toluene-d8	108	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-61A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-014
Matrix:	WATER	**Lab WorkOrder:**	J07291AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 06:25
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 13:28
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-61A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-014
Matrix:	WATER	**Lab WorkOrder:**	J07291AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 06:25
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 13:28
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	V7L1	
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-61A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-014
Matrix:	WATER	**Lab WorkOrder:**	J07291AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 06:25
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 13:28
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**2.2**	1.0		
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	**1.4**	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	86	70	127		
2037-26-5	Toluene-d8	106	83	125		
1868-53-7	Dibromofluoromethane	93	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-60A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-015
Matrix:	WATER	**Lab WorkOrder:**	J073A1AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 07:12
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 13:47
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-60A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-015
Matrix:	WATER	**Lab WorkOrder:**	J073A1AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 07:12
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 13:47
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	V7L1	
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-60A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-015
Matrix:	WATER	**Lab WorkOrder:**	J073A1AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 07:12
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 13:47
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.7**	1.0		
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	**14**	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	104	83	125		
1868-53-7	Dibromofluoromethane	91	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-59A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-016
Matrix:	WATER	**Lab WorkOrder:**	J073C1AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 07:57
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 14:05
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
79-00-5	1,1,2-Trichloroethane	ND	1.0		
75-34-3	1,1-Dichloroethane	**42**	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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-59A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-016
Matrix:	WATER	**Lab WorkOrder:**	J073C1AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 07:57
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 14:05
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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	V7L1	
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-59A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-016
Matrix:	WATER	**Lab WorkOrder:**	J073C1AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 07:57
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 14:05
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.2**	1.0		
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	**6.1**	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	102	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-37A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-017
Matrix:	WATER	**Lab WorkOrder:**	J073D1AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 10:25
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 15:59
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	**27**	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	**5.4**	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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-37A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-017
Matrix:	WATER	**Lab WorkOrder:**	J073D1AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 10:25
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 15:59
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**84**	1.0		E
108-86-1	Bromobenzene	ND	5.0		
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	**28**	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	**14**	2.0		
1634-04-4	Methyl tert-butyl ether	**27**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**11**	2.0	V7L1	
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	**9.9**	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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-37A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-017
Matrix:	WATER	**Lab WorkOrder:**	J073D1AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 10:25
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 15:59
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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)	**12**	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	118	83	125		
1868-53-7	Dibromofluoromethane	92	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:**	ASE-37A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-017
Matrix:	WATER	**Lab WorkOrder:**	J073D2AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 10:25
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 16:18
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	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	15	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	**24**	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	
110-75-8	2-Chloroethyl vinyl ether	ND	15	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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-37A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-017
Matrix:	WATER	**Lab WorkOrder:**	J073D2AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 10:25
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 16:18
Sample Aliquot:	4 mL	**Instrument ID:**	R2
Dilution Factor:	5		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**99**	5.0	D2	
108-86-1	Bromobenzene	ND	25	D2	
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	**24**	10	D2	
87-68-3	Hexachlorobutadiene	ND	25	D2	
74-88-4	Iodomethane	ND	50	D2	
98-82-8	Isopropylbenzene	**12**	10	D2	
1634-04-4	Methyl tert-butyl ether	ND	25	D2	
75-09-2	Methylene chloride	ND	25	D2	
91-20-3	Naphthalene	**14**	10	D2V7L1	
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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-37A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-017
Matrix:	WATER	**Lab WorkOrder:**	J073D2AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 10:25
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 16:18
Sample Aliquot:	4 mL	**Instrument ID:**	R2
Dilution Factor:	5		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	25	D2	
127-18-4	Tetrachloroethene	ND	5.0	D2	
108-88-3	Toluene	ND	10	2D	
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	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	83	70	127	D2	
2037-26-5	Toluene-d8	104	83	125	D2	
1868-53-7	Dibromofluoromethane	89	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:**	PL-101A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-018
Matrix:	WATER	**Lab WorkOrder:**	J073E1AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 11:09
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 16:37
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	**12**	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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-101A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-018
Matrix:	WATER	**Lab WorkOrder:**	J073E1AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 11:09
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 16:37
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**81**	1.0		E
108-86-1	Bromobenzene	ND	5.0		
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	**160**	2.0		E
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	**48**	2.0		
1634-04-4	Methyl tert-butyl ether	**14**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**100**	2.0	V7L1	E
104-51-8	n-Butylbenzene	**5.7**	5.0		
103-65-1	n-Propylbenzene	**37**	2.0		
99-87-6	p-Isopropyltoluene	**2.0**	2.0		
135-98-8	sec-Butylbenzene	**9.0**	5.0		
100-42-5	Styrene	ND	2.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-101A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-018
Matrix:	WATER	**Lab WorkOrder:**	J073E1AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 11:09
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 16:37
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	88	70	127		
2037-26-5	Toluene-d8	108	83	125		
1868-53-7	Dibromofluoromethane	89	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:**	PL-101A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-018
Matrix:	WATER	**Lab WorkOrder:**	J073E2AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 11:09
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 16:55
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	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	30	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	
110-75-8	2-Chloroethyl vinyl ether	ND	30	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	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-101A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-018
Matrix:	WATER	**Lab WorkOrder:**	J073E2AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 11:09
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 16:55
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**130**	10	D2	
108-86-1	Bromobenzene	ND	50	D2	
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	**140**	20	D2	
87-68-3	Hexachlorobutadiene	ND	50	D2	
74-88-4	Iodomethane	ND	100	D2	
98-82-8	Isopropylbenzene	**43**	20	D2	
1634-04-4	Methyl tert-butyl ether	ND	50	D2	
75-09-2	Methylene chloride	ND	50	D2	
91-20-3	Naphthalene	**120**	20	D2V7L1	
104-51-8	n-Butylbenzene	ND	50	D2	
103-65-1	n-Propylbenzene	**35**	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	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-101A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-018
Matrix:	WATER	**Lab WorkOrder:**	J073E2AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 11:09
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 16:55
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	50	D2	
127-18-4	Tetrachloroethene	ND	10	D2	
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	84	70	127	D2	
2037-26-5	Toluene-d8	103	83	125	D2	
1868-53-7	Dibromofluoromethane	90	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:**	PL-505-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-019
Matrix:	WATER	**Lab WorkOrder:**	J073F1AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 11:19
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 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		
71-55-6	1,1,1-Trichloroethane	ND	2.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	**11**	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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-505-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-019
Matrix:	WATER	**Lab WorkOrder:**	J073F1AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 11:19
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 17:14
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**73**	1.0		E
108-86-1	Bromobenzene	ND	5.0		
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	**150**	2.0		E
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	**45**	2.0		
1634-04-4	Methyl tert-butyl ether	**13**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**96**	2.0	V7L1	E
104-51-8	n-Butylbenzene	**5.6**	5.0		
103-65-1	n-Propylbenzene	**36**	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	**13**	5.0		
100-42-5	Styrene	ND	2.0		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-505-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-019
Matrix:	WATER	**Lab WorkOrder:**	J073F1AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 11:19
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 17:14
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	87	70	127		
2037-26-5	Toluene-d8	110	83	125		
1868-53-7	Dibromofluoromethane	89	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-505-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-019
Matrix:	WATER	**Lab WorkOrder:**	J073F2AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 11:19
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 17:33
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	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	30	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	
110-75-8	2-Chloroethyl vinyl ether	ND	30	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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-505-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-019
Matrix:	WATER	**Lab WorkOrder:**	J073F2AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 11:19
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 17:33
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**130**	10	D2	
108-86-1	Bromobenzene	ND	50	D2	
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	**140**	20	D2	
87-68-3	Hexachlorobutadiene	ND	50	D2	
74-88-4	Iodomethane	ND	100	D2	
98-82-8	Isopropylbenzene	**44**	20	D2	
1634-04-4	Methyl tert-butyl ether	ND	50	D2	
75-09-2	Methylene chloride	ND	50	D2	
91-20-3	Naphthalene	**150**	20	D2V7L1	
104-51-8	n-Butylbenzene	ND	50	D2	
103-65-1	n-Propylbenzene	**37**	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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-505-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-019
Matrix:	WATER	**Lab WorkOrder:**	J073F2AA
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 11:19
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 17:33
Sample Aliquot:	2 mL	**Instrument ID:**	R2
Dilution Factor:	10		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	50	D2	
127-18-4	Tetrachloroethene	ND	10	D2	
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	83	70	127	D2	
2037-26-5	Toluene-d8	99	83	125	D2	
1868-53-7	Dibromofluoromethane	88	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:**	
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F270000-258B
Matrix:	WATER	**Lab WorkOrder:**	J10MR1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 07:42
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	V7L1
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	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.79	0.79	3.0	
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	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F270000-258B
Matrix:	WATER	**Lab WorkOrder:**	J10MR1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 07:42
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-01-4	Vinyl chloride	0.17	0.17	1.0	
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	
110-75-8	2-Chloroethyl vinyl ether	0.74	0.74	3.0	
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	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F270000-258B
Matrix:	WATER	**Lab WorkOrder:**	J10MR1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 07:42
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	
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	85	70	127	
2037-26-5	Toluene-d8	102	83	125	
1868-53-7	Dibromofluoromethane	92	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: D7F160199 **QC Batch ID:** 7178258

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-101A-7B1	J07201AA	84	99	90	102					0
ASE-100A-7B1	J07211AA	84	98	92	105					0
ASE-103A-7B1	J07221AA	86	99	94	104					0
PL-504-7B1	J07231AA	85	99	94	104					0
TB-061507	J07241AA	86	99	95	104					0
ASE-127A-7B1	J07261AA	84	100	93	105					0
BC-7A-7B1	J07271AA	86	100	94	108					0
ASE-61A-7B1	J07291AA	86	102	93	106					0
TB-061407	J072Q1AA	76	96	86	110					0
ASE-98A-7B1	J072R1AA	80	95	89	107					0
ASE-98A-7B1 MS	J072R1AD	81	106	91	107					0
ASE-98A-7B1 MSD	J072R1AE	81	101	92	106					0
ASE-110A-7B1	J072T1AA	82	100	91	104					0
ASE-123A-7B1	J072V1AA	85	102	92	106					0
ASE-109A-7B1	J072W1AA	85	97	91	103					0
ASE-102A-7B1	J072X1AA	82	105	92	104					0
ASE-60A-7B1	J073A1AA	86	99	91	104					0
ASE-59A-7B1	J073C1AA	86	100	94	102					0
ASE-37A-7B1	J073D1AA	90	112	92	118					0
ASE-37A-7B1	J073D2AA	83	100	89	104					0
PL-101A-7B1	J073E1AA	88	107	89	108					0
PL-101A-7B1	J073E2AA	84	97	90	103					0
PL-505-7B1	J073F1AA	87	103	89	110					0
PL-505-7B1	J073F2AA	83	99	88	99					0
INTRA-LAB BLANK	J10MR1AA	85	97	92	102					0
CHECK SAMPLE	J10MR1AC	85	101	92	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:	D7F160199	**Lab Sample ID:**	D7F270000-258C
Matrix:	WATER	**Lab WorkOrder:**	J10MR1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 06:23
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	5.12	102		72 - 117
Acetone	10.0	5.45	55		48 - 130
Ethylbenzene	5.00	5.65	113		78 - 118
Trichlorofluoromethane	5.00	5.67	113		63 - 135
Hexachlorobutadiene	5.00	4.02	80		73 - 123
2-Hexanone	10.0	8.20	82		57 - 121
Isopropylbenzene	5.00	4.97	99		71 - 111
p-Isopropyltoluene	5.00	4.67	93		76 - 113
Methylene chloride	5.00	4.56	91		71 - 119
4-Methyl-2-pentanone	10.0	8.46	85		65 - 118
Naphthalene	5.00	2.90	58	V7L1	62 - 121
Benzene	5.00	4.33	87		77 - 118
n-Propylbenzene	5.00	5.31	106		76 - 116
Styrene	5.00	5.24	105		77 - 117
1,1,1,2-Tetrachloroethane	5.00	4.74	95		77 - 117
1,1,2,2-Tetrachloroethane	5.00	5.12	102		73 - 119
Tetrachloroethene	5.00	5.38	108		77 - 117
Toluene	5.00	5.66	113		73 - 120
1,2,3-Trichlorobenzene	5.00	3.86	77		66 - 123
1,2,4-Trichlorobenzene	5.00	4.12	82		73 - 121
1,1,1-Trichloroethane	5.00	5.29	106		78 - 118
1,1,2-Trichloroethane	5.00	5.42	108		76 - 116
Trichloroethene	5.00	4.05	81		78 - 122
1,2,3-Trichloropropane	5.00	5.26	105		72 - 120
1,2,4-Trimethylbenzene	5.00	5.67	113		77 - 117
1,3,5-Trimethylbenzene	5.00	5.84	117		77 - 117
Vinyl acetate	5.00	3.76	75		63 - 124
Vinyl chloride	5.00	4.85	97		49 - 136
Xylenes (total)	15.0	16.3	109		77 - 117

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F270000-258C
Matrix:	WATER	**Lab WorkOrder:**	J10MR1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 06:23
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Methyl tert-butyl ether	10.0	8.16	82		58 - 116
Bromobenzene	5.00	5.30	106		75 - 115
Bromochloromethane	5.00	4.08	82		78 - 118
Bromodichloromethane	5.00	4.45	89		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	3.70	74		65 - 117
1,2-Dibromoethane (EDB)	5.00	5.07	101		77 - 117
2-Butanone (MEK)	10.0	8.59	86		57 - 120
Bromoform	5.00	4.87	97		74 - 121
Bromomethane	5.00	4.93	99		42 - 154
n-Butylbenzene	5.00	5.18	104		76 - 117
sec-Butylbenzene	5.00	5.07	101		80 - 120
tert-Butylbenzene	5.00	5.37	107		76 - 116
Carbon disulfide	5.00	3.33	67		56 - 104
Carbon tetrachloride	5.00	5.12	102		80 - 120
Chlorobenzene	5.00	5.10	102		78 - 118
Chlorodibromomethane	5.00	4.52	90		76 - 116
Chloroethane	5.00	4.62	92		51 - 133
2-Chloroethyl vinyl ether	5.00	4.15	83		17 - 150
Chloroform	5.00	4.81	96		78 - 118
Chloromethane	5.00	4.85	97		46 - 142
2-Chlorotoluene	5.00	5.07	101		76 - 116
4-Chlorotoluene	5.00	4.90	98		78 - 118
Dibromomethane	5.00	4.93	99		77 - 117
1,2-Dichlorobenzene	5.00	4.54	91		76 - 116
1,3-Dichlorobenzene	5.00	4.74	95		75 - 115
1,4-Dichlorobenzene	5.00	4.92	98		77 - 117
Dichlorodifluoromethane	5.00	5.25	105		56 - 140
1,1-Dichloroethane	5.00	4.80	96		77 - 117
1,2-Dichloroethane	5.00	4.69	94		74 - 120

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F270000-258C
Matrix:	WATER	**Lab WorkOrder:**	J10MR1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 06:23
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethene	5.00	5.45	109		68 - 133
cis-1,2-Dichloroethene	5.00	4.89	98		75 - 115
trans-1,2-Dichloroethene	5.00	5.16	103		80 - 120
1,2-Dichloropropane	5.00	4.62	92		76 - 116
1,3-Dichloropropane	5.00	5.05	101		75 - 115
2,2-Dichloropropane	5.00	5.18	104		72 - 128
1,1-Dichloropropene	5.00	4.75	95		75 - 115
cis-1,3-Dichloropropene	5.00	5.09	102		76 - 116

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	92	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-98A-7B1
Lot/SDG Number:	D7F160199	**MS Lab Sample ID:**	D7F160199-002S
Matrix:	WATER	**MS Lab WorkOrder:**	J072R1AD
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 09:03
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		4.34	87		77 - 117
1,1,1-Trichloroethane	5.00	0.16		4.87	97		78 - 118
1,1,2,2-Tetrachloroethane	5.00	0.20		4.72	94		73 - 119
1,1,2-Trichloroethane	5.00	0.32		4.83	97		76 - 116
1,1-Dichloroethane	5.00	0.16		4.41	88		77 - 117
1,1-Dichloroethene	5.00	0.14		5.04	101		68 - 133
1,1-Dichloropropene	5.00	0.15		4.30	86		75 - 115
1,2,3-Trichlorobenzene	5.00	0.18		3.51	70		66 - 123
1,2,3-Trichloropropane	5.00	0.27		4.85	97		72 - 120
1,2,4-Trichlorobenzene	5.00	0.32		3.74	75		73 - 121
1,2,4-Trimethylbenzene	5.00	0.14		5.20	104		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	5.00	1.5	M2	3.14	63	M2	65 - 117
1,2-Dibromoethane (EDB)	5.00	0.18		4.51	90		77 - 117
1,2-Dichlorobenzene	5.00	0.13		4.05	81		76 - 116
1,2-Dichloroethane	5.00	0.13		4.09	82		74 - 120
1,2-Dichloropropane	5.00	0.13		3.99	80		76 - 116
1,3,5-Trimethylbenzene	5.00	0.14		5.25	105		77 - 117
1,3-Dichlorobenzene	5.00	0.16		4.44	89		75 - 115
1,3-Dichloropropane	5.00	0.15		4.50	90		75 - 115
1,4-Dichlorobenzene	5.00	0.16		4.38	88		77 - 117
2,2-Dichloropropane	5.00	0.20		4.74	95		72 - 128
2-Butanone (MEK)	10.0	1.8		7.89	79		57 - 120
2-Chloroethyl vinyl ether	5.00	0.74	M2	0.74	0.0	M2	17 - 150
2-Chlorotoluene	5.00	0.17		4.64	93		76 - 116
2-Hexanone	10.0	1.4		7.26	73		57 - 121
4-Chlorotoluene	5.00	0.17		4.68	94		78 - 118
4-Methyl-2-pentanone	10.0	0.49		7.38	74		65 - 118
Acetone	10.0	1.9	M2	2.61	26	M2	48 - 130
Benzene	5.00	0.16		3.85	77		77 - 118
Bromobenzene	5.00	0.17		4.82	96		75 - 115

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-98A-7B1
Lot/SDG Number:	D7F160199	**MS Lab Sample ID:**	D7F160199-002S
Matrix:	WATER	**MS Lab WorkOrder:**	J072R1AD
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 09:03
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Bromochloromethane	5.00	0.10	M2	3.54	71	M2	78 - 118
Bromodichloromethane	5.00	0.17		4.10	82		78 - 118
Bromoform	5.00	0.19		4.52	90		74 - 121
Bromomethane	5.00	0.21		4.34	87		42 - 154
Carbon disulfide	5.00	0.45		3.01	60		56 - 104
Carbon tetrachloride	5.00	0.19		4.76	95		80 - 120
Chlorobenzene	5.00	0.17		4.88	98		78 - 118
Chlorodibromomethane	5.00	0.17		4.06	81		76 - 116
Chloroethane	5.00	0.41		4.90	98		51 - 133
Chloroform	5.00	0.16		4.54	91		78 - 118
Chloromethane	5.00	0.30		4.73	95		46 - 142
cis-1,2-Dichloroethene	5.00	0.15		4.39	88		75 - 115
cis-1,3-Dichloropropene	5.00	0.16		4.41	88		76 - 116
Dibromomethane	5.00	0.17		4.21	84		77 - 117
Dichlorodifluoromethane	5.00	0.31		5.29	106		56 - 140
Ethylbenzene	5.00	0.16		5.24	105		78 - 118
Hexachlorobutadiene	5.00	0.12		3.76	75		73 - 123
Isopropylbenzene	5.00	0.19		4.72	94		71 - 111
Methyl tert-butyl ether	10.0	0.25		7.00	70		58 - 116
Methylene chloride	5.00	0.32		4.17	83		71 - 119
n-Butylbenzene	5.00	0.14		4.89	98		76 - 117
n-Propylbenzene	5.00	0.16		5.14	103		76 - 116
Naphthalene	5.00	0.22	V7L1M2	2.68	54	V7L1M2	62 - 121
p-Isopropyltoluene	5.00	0.17		4.29	86		76 - 113
sec-Butylbenzene	5.00	0.17		4.61	92		80 - 120
Styrene	5.00	0.17	M2R1	4.46	89		77 - 117
tert-Butylbenzene	5.00	0.16		4.70	94		76 - 116
Tetrachloroethene	5.00	0.20		5.17	103		77 - 117
Toluene	5.00	0.17		5.36	107		73 - 120
trans-1,2-Dichloroethene	5.00	0.15		4.77	95		80 - 120

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-98A-7B1
Lot/SDG Number:	D7F160199	**MS Lab Sample ID:**	D7F160199-002S
Matrix:	WATER	**MS Lab WorkOrder:**	J072R1AD
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 09:03
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
trans-1,3-Dichloropropene	5.00	0.19		4.47	89		72 - 117
Trichloroethene	5.00	0.16	M2	3.67	73	M2	78 - 122
Trichlorofluoromethane	5.00	0.29		5.80	116		63 - 135
Vinyl acetate	5.00	0.94	M2	2.96	59	M2	63 - 124
Vinyl chloride	5.00	0.17		4.87	97		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	81	70	127	
460-00-4	4-Bromofluorobenzene	106	78	118	
1868-53-7	Dibromofluoromethane	91	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-98A-7B1
Lot/SDG Number:	D7F160199	**MSD Lab Sample ID:**	D7F160199-002D
Matrix:	WATER	**MSD Lab WorkOrder:**	J072R1AE
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 09:22
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		4.69	94	7.7		77 - 117	20
1,1,1-Trichloroethane	5.00	0.16		5.20	104	6.5		78 - 118	20
1,1,2,2-Tetrachloroethane	5.00	0.20		5.09	102	7.4		73 - 119	20
1,1,2-Trichloroethane	5.00	0.32		5.35	107	10		76 - 116	21
1,1-Dichloroethane	5.00	0.16		4.89	98	10		77 - 117	21
1,1-Dichloroethene	5.00	0.14		5.14	103	1.8		68 - 133	20
1,1-Dichloropropene	5.00	0.15		4.81	96	11		75 - 115	21
1,2,3-Trichlorobenzene	5.00	0.18		4.00	80	13		66 - 123	29
1,2,3-Trichloropropane	5.00	0.27		4.58	92	5.6		72 - 120	23
1,2,4-Trichlorobenzene	5.00	0.32		4.29	86	14		73 - 121	25
1,2,4-Trimethylbenzene	5.00	0.14		5.76	115	10		77 - 117	20
1,2-Dibromo-3-chloroprop	5.00	1.5	M2	3.57	71	13		65 - 117	22
1,2-Dibromoethane (EDB)	5.00	0.18		4.94	99	9.0		77 - 117	20
1,2-Dichlorobenzene	5.00	0.13		4.62	92	13		76 - 116	20
1,2-Dichloroethane	5.00	0.13		4.36	87	6.3		74 - 120	20
1,2-Dichloropropane	5.00	0.13		4.37	87	9.2		76 - 116	20
1,3,5-Trimethylbenzene	5.00	0.14		5.69	114	8.0		77 - 117	20
1,3-Dichlorobenzene	5.00	0.16		4.71	94	5.9		75 - 115	20
1,3-Dichloropropane	5.00	0.15		5.08	102	12		75 - 115	20
1,4-Dichlorobenzene	5.00	0.16		4.69	94	6.7		77 - 117	23
2,2-Dichloropropane	5.00	0.20		5.11	102	7.4		72 - 128	24
2-Butanone (MEK)	10.0	1.8		9.99	100	23		57 - 120	32
2-Chloroethyl vinyl ether	5.00	0.74	M2	0.74	0.0	0.0	M2	17 - 150	31
2-Chlorotoluene	5.00	0.17		5.00	100	7.5		76 - 116	20
2-Hexanone	10.0	1.4		8.47	85	15		57 - 121	25

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-98A-7B1
Lot/SDG Number:	D7F160199	**MSD Lab Sample ID:**	D7F160199-002D
Matrix:	WATER	**MSD Lab WorkOrder:**	J072R1AE
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 09:22
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
4-Chlorotoluene	5.00	0.17		4.92	98	5.1		78 - 118	20
4-Methyl-2-pentanone	10.0	0.49		8.38	84	13		65 - 118	22
Acetone	10.0	1.9	M2	2.72	27	4.2	M2	48 - 130	41
Benzene	5.00	0.16		4.12	82	6.6		77 - 118	20
Bromobenzene	5.00	0.17		5.30	106	9.5		75 - 115	20
Bromochloromethane	5.00	0.10	M2	3.97	79	12		78 - 118	20
Bromodichloromethane	5.00	0.17		4.44	89	8.0		78 - 118	20
Bromoform	5.00	0.19		4.86	97	7.2		74 - 121	21
Bromomethane	5.00	0.21		4.40	88	1.3		42 - 154	24
Carbon disulfide	5.00	0.45		3.56	71	17		56 - 104	20
Carbon tetrachloride	5.00	0.19		5.13	103	7.6		80 - 120	21
Chlorobenzene	5.00	0.17		5.21	104	6.6		78 - 118	20
Chlorodibromomethane	5.00	0.17		4.52	90	11		76 - 116	20
Chloroethane	5.00	0.41		4.80	96	2.0		51 - 133	25
Chloroform	5.00	0.16		4.89	98	7.6		78 - 118	20
Chloromethane	5.00	0.30		4.71	94	0.28		46 - 142	24
cis-1,2-Dichloroethene	5.00	0.15		4.81	96	9.3		75 - 115	20
cis-1,3-Dichloropropene	5.00	0.16		4.83	97	9.0		76 - 116	20
Dibromomethane	5.00	0.17		4.63	93	9.7		77 - 117	20
Dichlorodifluoromethane	5.00	0.31		5.58	112	5.4		56 - 140	24
Ethylbenzene	5.00	0.16		5.42	108	3.4		78 - 118	26
Hexachlorobutadiene	5.00	0.12		3.94	79	4.6		73 - 123	25
Isopropylbenzene	5.00	0.19		4.99	100	5.6		71 - 111	20
Methyl tert-butyl ether	10.0	0.25		8.17	82	15		58 - 116	21
Methylene chloride	5.00	0.32		4.47	89	7.0		71 - 119	20

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-98A-7B1
Lot/SDG Number:	D7F160199	**MSD Lab Sample ID:**	D7F160199-002D
Matrix:	WATER	**MSD Lab WorkOrder:**	J072R1AE
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 05:30
QC Batch ID:	7178258	**Date/Time Analyzed:**	06/26/07 09:22
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
n-Butylbenzene	5.00	0.14		5.28	106	7.7		76 - 117	21
n-Propylbenzene	5.00	0.16		5.50	110	6.7		76 - 116	20
Naphthalene	5.00	0.22	V7L1M2	3.26	65	20	V7L1	62 - 121	32
p-Isopropyltoluene	5.00	0.17		4.72	94	9.7		76 - 113	20
sec-Butylbenzene	5.00	0.17		5.21	104	12		80 - 120	21
Styrene	5.00	0.17	M2R1	3.61	72	21	M2R1	77 - 117	20
tert-Butylbenzene	5.00	0.16		5.16	103	9.3		76 - 116	21
Tetrachloroethene	5.00	0.20		5.40	108	4.3		77 - 117	20
Toluene	5.00	0.17		5.75	115	7.0		73 - 120	20
trans-1,2-Dichloroethene	5.00	0.15		5.17	103	8.0		80 - 120	24
trans-1,3-Dichloropropene	5.00	0.19		5.05	101	12		72 - 117	20
Trichloroethene	5.00	0.16	M2	4.02	80	9.3		78 - 122	20
Trichlorofluoromethane	5.00	0.29		6.02	120	3.8		63 - 135	20
Vinyl acetate	5.00	0.94	M2	2.95	59	0.18	M2	63 - 124	24
Vinyl chloride	5.00	0.17		4.96	99	1.8		49 - 136	24
Xylenes (total)	15.0	0.19		16.6	111	7.2		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127	
460-00-4	4-Bromofluorobenzene	101	78	118	
1868-53-7	Dibromofluoromethane	92	77	119	
2037-26-5	Toluene-d8	106	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	RR0870.D
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F270000-258B
Matrix:	WATER	**Lab Work Order:**	J10MR1AA
Analysis Method:	8260B	**Date/Time Extracted:**	06/26/07 05:30
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	06/26/07 07:42
QC Batch ID:	7178258	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-101A-7B1	J07201AA	RR0870.D	06/26/07	11:15
ASE-100A-7B1	J07211AA	RR0871.D	06/26/07	11:34
ASE-103A-7B1	J07221AA	RR0872.D	06/26/07	11:53
PL-504-7B1	J07231AA	RR0873.D	06/26/07	12:12
TB-061507	J07241AA	RR0874.D	06/26/07	12:31
ASE-127A-7B1	J07261AA	RR0875.D	06/26/07	12:50
BC-7A-7B1	J07271AA	RR0876.D	06/26/07	13:09
ASE-61A-7B1	J07291AA	RR0877.D	06/26/07	13:28
TB-061407	J072Q1AA	RR0861.D	06/26/07	08:25
ASE-98A-7B1	J072R1AA	RR0862.D	06/26/07	08:44
ASE-98A-7B1 MS	J072R1AD S	RR0863.D	06/26/07	09:03
ASE-98A-7B1 MSD	J072R1AE D	RR0864.D	06/26/07	09:22
ASE-110A-7B1	J072T1AA	RR0866.D	06/26/07	09:59
ASE-123A-7B1	J072V1AA	RR0867.D	06/26/07	10:18
ASE-109A-7B1	J072W1AA	RR0868.D	06/26/07	10:37
ASE-102A-7B1	J072X1AA	RR0869.D	06/26/07	10:56
ASE-60A-7B1	J073A1AA	RR0878.D	06/26/07	13:47
ASE-59A-7B1	J073C1AA	RR0879.D	06/26/07	14:05
ASE-37A-7B1	J073D1AA	RR0885.D	06/26/07	15:59
ASE-37A-7B1	J073D2AA	RR0886.D	06/26/07	16:18
PL-101A-7B1	J073E1AA	RR0887.D	06/26/07	16:37
PL-101A-7B1	J073E2AA	RR0888.D	06/26/07	16:55
PL-505-7B1	J073F1AA	RR0889.D	06/26/07	17:14
PL-505-7B1	J073F2AA	RR0890.D	06/26/07	17:33
CHECK SAMPLE	J10MR1AC C	RR0856.D	06/26/07	06:23

STL

Semivolatile GC

Lot ID: D7F160199

Client: CH2M Hill

Method: SW846 8015B DRO

Associated Samples: 002 thru 010, 012, 014 thru 019

Batch: 7170188

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-98A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-002
Matrix:	WATER	**Lab WorkOrder:**	J072R1AC
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/21/07 23:40
Sample Aliquot:	936 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

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

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-110A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-003
Matrix:	WATER	**Lab WorkOrder:**	J072T1AC
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 10:24
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 01:01
Sample Aliquot:	985 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	83	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-123A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-004
Matrix:	WATER	**Lab WorkOrder:**	J072V1AC
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:46
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 01:27
Sample Aliquot:	959 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	78	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-109A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-005
Matrix:	WATER	**Lab WorkOrder:**	J072W1AC
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 09:30
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 01:54
Sample Aliquot:	958 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab 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-102A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-006
Matrix:	WATER	**Lab WorkOrder:**	J072X1AC
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 12:10
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 02:21
Sample Aliquot:	979 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	0.10		
Q2210	TPH C10-C32	**0.11**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	76	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-101A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-007
Matrix:	WATER	**Lab WorkOrder:**	J07201AC
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 13:20
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 02:48
Sample Aliquot:	1016 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	95	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-100A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-008
Matrix:	WATER	**Lab WorkOrder:**	J07211AC
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 14:04
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 04:08
Sample Aliquot:	927 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	85	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-103A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-009
Matrix:	WATER	**Lab WorkOrder:**	J07221AC
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 14:47
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 04:35
Sample Aliquot:	899 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

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

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-504-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-010
Matrix:	WATER	**Lab WorkOrder:**	J07231AC
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 14:58
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 05:02
Sample Aliquot:	1022 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	87	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-127A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-012
Matrix:	WATER	**Lab WorkOrder:**	J07261AC
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 05:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 05:29
Sample Aliquot:	1024 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	96	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-61A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-014
Matrix:	WATER	**Lab WorkOrder:**	J07291AC
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 06:25
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 05:55
Sample Aliquot:	961 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	96	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-60A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-015
Matrix:	WATER	**Lab WorkOrder:**	J073A1AC
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 07:12
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 06:22
Sample Aliquot:	916 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	89	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-59A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-016
Matrix:	WATER	**Lab WorkOrder:**	J073C1AC
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 07:57
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 06:49
Sample Aliquot:	940 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	124	50	115	S1	*

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-37A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-017
Matrix:	WATER	**Lab WorkOrder:**	J073D1AC
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 10:25
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 07:16
Sample Aliquot:	917 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.15**	0.032	0.10		
Q2210	TPH C10-C32	**0.15**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	92	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-101A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-018
Matrix:	WATER	**Lab WorkOrder:**	J073E1AC
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 11:09
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 07:43
Sample Aliquot:	1006 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.58**	0.032	0.10		
Q2210	TPH C10-C32	**0.58**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	93	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	PL-505-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-019
Matrix:	WATER	**Lab WorkOrder:**	J073F1AC
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 11:19
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 08:09
Sample Aliquot:	1007 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.57**	0.032	0.10		
Q2210	TPH C10-C32	**0.57**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	92	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F190000-188B
Matrix:	WATER	**Lab WorkOrder:**	J09KW1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08:30
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/25/07 17:08
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	0.10	
Q1770	TPH quantitated as Motor Oil(C24-C36)	0.056	0.056	0.20	
Q2210	TPH C10-C32	0.032	0.032	0.10	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	89	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09KI9H

Lot/SDG Number: D7F160199 **QC Batch ID:** 7170188

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-101A-7B1	J07201AC	95								0
ASE-100A-7B1	J07211AC	85								0
ASE-103A-7B1	J07221AC	90								0
PL-504-7B1	J07231AC	87								0
ASE-127A-7B1	J07261AC	96								0
ASE-61A-7B1	J07291AC	96								0
ASE-98A-7B1	J072R1AC	84								0
ASE-98A-7B1 MS	J072R1AF	76								0
ASE-98A-7B1 MSD	J072R1AG	80								0
ASE-110A-7B1	J072T1AC	83								0
ASE-123A-7B1	J072V1AC	78								0
ASE-109A-7B1	J072W1AC	79								0
ASE-102A-7B1	J072X1AC	76								0
ASE-60A-7B1	J073A1AC	89								0
ASE-59A-7B1	J073C1AC	124 *								1
ASE-37A-7B1	J073D1AC	92								0
PL-101A-7B1	J073E1AC	93								0
PL-505-7B1	J073F1AC	92								0
INTRA-LAB BLANK	J09KW1AA	89								0
CHECK SAMPLE	J09KW1AC	90								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:	D7F160199	**Lab Sample ID:**	D7F190000-188C
Matrix:	WATER	**Lab WorkOrder:**	J09KW1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08:30
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/21/07 23:14
Sample Aliquot:	1000 mL	**Instrument ID:**	Z2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Diesel Range Organics (C10-C28)	2.00	2.00	100		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

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-98A-7B1
Lot/SDG Number:	D7F160199	**MS Lab Sample ID:**	D7F160199-002S
Matrix:	WATER	**MS Lab WorkOrder:**	J072R1AF
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08:30
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 00:07
MS Sample Aliquot:	943 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)	2.12	0.032		1.72	81		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	76	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	ASE-98A-7B1
Lot/SDG Number:	D7F160199	**MSD Lab Sample ID:**	D7F160199-002D
Matrix:	WATER	**MSD Lab WorkOrder:**	J072R1AG
% Moisture:	N/A	**Date/Time Collected:**	06/14/07 08:00
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/19/07 08:30
QC Batch ID:	7170188	**Date/Time Analyzed:**	06/22/07 00:34
MSD Sample Aliquot:	980 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	2.04	0.032		1.72	84	0.0		54 - 115	31

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	80	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	035F3501.
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F190000-188B
Matrix:	WATER	**Lab Work Order:**	J09KW1AA
Analysis Method:	8015B	**Date/Time Extracted:**	06/19/07 08:30
Extraction Method:	I09KI9H	**Date/Time Analyzed:**	06/25/07 17:08
QC Batch ID:	7170188	**Instrument ID:**	Z2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-101A-7B1	J07201AC	035F3501.	06/22/07	02:48
ASE-100A-7B1	J07211AC	038F3801.	06/22/07	04:08
ASE-103A-7B1	J07221AC	039F3901.	06/22/07	04:35
PL-504-7B1	J07231AC	040F4001.	06/22/07	05:02
ASE-127A-7B1	J07261AC	041F4101.	06/22/07	05:29
ASE-61A-7B1	J07291AC	042F4201.	06/22/07	05:55
ASE-98A-7B1	J072R1AC	028F2801.	06/21/07	23:40
ASE-98A-7B1 MS	J072R1AF S	029F2901.	06/22/07	00:07
ASE-98A-7B1 MSD	J072R1AG D	030F3001.	06/22/07	00:34
ASE-110A-7B1	J072T1AC	031F3101.	06/22/07	01:01
ASE-123A-7B1	J072V1AC	032F3201.	06/22/07	01:27
ASE-109A-7B1	J072W1AC	033F3301.	06/22/07	01:54
ASE-102A-7B1	J072X1AC	034F3401.	06/22/07	02:21
ASE-60A-7B1	J073A1AC	043F4301.	06/22/07	06:22
ASE-59A-7B1	J073C1AC	044F4401.	06/22/07	06:49
ASE-37A-7B1	J073D1AC	045F4501.	06/22/07	07:16
PL-101A-7B1	J073E1AC	046F4601.	06/22/07	07:43
PL-505-7B1	J073F1AC	047F4701.	06/22/07	08:09
CHECK SAMPLE	J09KW1AC C	027F2701.	06/21/07	23:14

STL

Semivolatile GC

Lot ID: D7F160199

Client: CH2M Hill

Method: SW846 8015B DRO

Associated Samples: 013

Batch: 7171109

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	BC-7A-7B1
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F160199-013
Matrix:	WATER	**Lab WorkOrder:**	J07271AC
% Moisture:	N/A	**Date/Time Collected:**	06/15/07 05:44
Basis:	Wet	**Date/Time Received:**	06/16/07 09:00
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/20/07 08
QC Batch ID:	7171109	**Date/Time Analyzed:**	06/22/07 10:24
Sample Aliquot:	1016 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	120	50	115	S1	*

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F200000-109B
Matrix:	WATER	**Lab WorkOrder:**	J1CV71AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/20/07 08:00
QC Batch ID:	7171109	**Date/Time Analyzed:**	06/22/07 09:30
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	0.10	
Q1770	TPH quantitated as Motor Oil(C24-C36)	0.056	0.056	0.20	
Q2210	TPH C10-C32	0.032	0.032	0.10	

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

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I09KI9H

Lot/SDG Number: D7F160199 **QC Batch ID:** 7171109

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
BC-7A-7B1	J07271AC	120 *								1
INTRA-LAB BLANK	J1CV71AA	84								0
CHECK SAMPLE	J1CV71AC	78								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:	D7F160199	**Lab Sample ID:**	D7F200000-109C
Matrix:	WATER	**Lab WorkOrder:**	J1CV71AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/20/07 08:00
QC Batch ID:	7171109	**Date/Time Analyzed:**	06/22/07 09:57
Sample Aliquot:	1000 mL	**Instrument ID:**	Z2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Diesel Range Organics (C10-C28)	2.00	1.82	91		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	78	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	052F5201.
Lot/SDG Number:	D7F160199	**Lab Sample ID:**	D7F200000-109B
Matrix:	WATER	**Lab Work Order:**	J1CV71AA
Analysis Method:	8015B	**Date/Time Extracted:**	06/20/07 08:00
Extraction Method:	I09KI9H	**Date/Time Analyzed:**	06/22/07 09:30
QC Batch ID:	7171109	**Instrument ID:**	Z2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
BC-7A-7B1	J07271AC	052F5201.	06/22/07	10:24
CHECK SAMPLE	J1CV71AC C	051F5101.	06/22/07	09:57

3.2
3.6

6.16.07
22

STL Denver

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

Chain Of Custody / Analysis Request

COC # : 37380_070614
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 ~~Wase~~ HALL
Project Number: PO# 4745926
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
1	Trip Blank	TB-061407	Jun 14 2007	0733	BLKWATER	WATER	~~5~~ 2	X			X		X												
2	ASE-98A	ASE-98A-7B1	Jun 14 2007	0800	GW	WATER	13	X	X		X	X	X												
~~3~~	~~ASE-99A~~	~~ASE-99A-7B1~~	~~Jun 14 2007~~		~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~	MH											
4	ASE-110A	ASE-110A-7B1	Jun 14 2007	1024	GW	WATER	5	X			X	X	X												
5	ASE-123A	ASE-123A-7B1	Jun 14 2007	0846	GW	WATER	5	X			X	X	X												
6	ASE-109A	ASE-109A-7B1	Jun 14 2007	0930	GW	WATER	5	X			X	X	X												
7	ASE-102A	ASE-102A-7B1	Jun 14 2007	1210	GW	WATER	5	X			X	X	X												
8	ASE-101A	ASE-101A-7B1	Jun 14 2007	1320	GW	WATER	5	X			X	X	X												
9	ASE-100A	ASE-100A-7B1	Jun 14 2007	1404	GW	WATER	5	X			X	X	X												
10	ASE-103A	ASE-103A-7B1	Jun 14 2007	1447	GW	WATER	5	X			X	X	X												
11	FIELDQC	PL-504-7B1	Jun 14 2007	1458	GW	WATER	5	X			X	X	X												
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									

Special Instructions: 2nd Qtr UST GW Event. Standard 10 days TAT.
Invoice to Troy Meyer at Honeywell and invoice copy to Jennifer Holland CH2M HILL

Relinquished by:	Company:	Date/Time:	Received by:	Company:
	HHA	06/15/07 1000		FGD EX
Relinquished by:	Company:	Date/Time:	Received by:	Company:
		6.16.07 0400		STL
Relinquished by:	Company:	Date/Time:	Received by:	Company:

2A 22 43

S.S
4
6/16/07
12:2

STL Denver

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

Chain Of Custody / Analysis Request

COC # : 37380_070615
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~~ Hall
Project Number: PO# 4745926
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-061507	Jun 15 2007	0430	BLKWATER	WATER	82	X			X		X	
2	ASE-127A	ASE-127A-7B1	Jun 15 2007	0500	GW	WATER	5	X			X	X	X	
3	BC-7A	BC-7A-7B1	Jun 15 2007	0544	GW	WATER	5	X			X	X	X	
4	ASE-61A	ASE-61A-7B1	Jun 15 2007	0625	GW	WATER	5	X			X	X	X	
5	ASE-60A	ASE-60A-7B1	Jun 15 2007	0712	GW	WATER	5	X			X	X	X	
6	ASE-59A	ASE-59A-7B1	Jun 15 2007	0757	GW	WATER	5	X			X	X	X	
7	ASE-37A	ASE-37A-7B1	Jun 15 2007	1025	GW	WATER	5	X			X	X	X	
8	PL-101A	PL-101A-7B1	Jun 15 2007	1109	GW	WATER	5	X			X	X	X	
9	FIELDQC	PL-505-7B1	Jun 15 2007	1119	GW	WATER	5	X			X	X	X	
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														

Special Instructions: 2nd Qtr UST GW Event. Standard 10 days TAT.
Invoice to Troy Meyer at Honeywell and invoice copy to Jennifer Holland CH2M HILL

Relinquished by:	Company:	Date/Time:	Received by:	Company:
[signature]	HHA	06/15/07 1500	- -	Fed Ex
Relinquished by:	Company:	Date/Time:	Received by:	Company:
		6/16/07 0900	[signature]	STL
Relinquished by:	Company:	Date/Time:	Received by:	Company:

STL Denver

Sample Receiving Checklist

Lot #: D7F160199 Date/Time Received: 6.16.07 0900

Company Name & Sampling Site: Crown Hill Hoosyworc

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

Quarantined : *Yes* ☐ *No* ☒

Quote #: 69074

Special Instructions:

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

Unpacking Checks:

Cooler #(s): 4

Temperatures (°C): 5.3 4.6 3.7 3.6

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 # D7F160199

Login Checks:

Initials AH

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.	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?

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 #: D7F200363

Daniel Moore

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

STL DENVER

Karen Kuoppala
Project Manager

July 5, 2007

Case Narrative
Lot D7F200363

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 samples and two trip blanks were received at STL Denver on June 20, 2007. The samples were received in good condition at temperatures of 3.1°C, 5.6°C, 4.3°, and 4.6°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 D7F200363-005, -007, -009, -010, -013, -016, -017, -018, -019, and -020 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 7183231 was performed on sample D7F200363-009 and exhibited spike compound recoveries below the control limits for Naphthalene and above control limits for several other 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 per the Arizona DHS.

The MS/MSD associated with batch 7183257 was performed on a sample from another lot and/or client and exhibited spike compound recoveries above the control limits for 2-Butanone and 1,2-Dichloroethane. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines.

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 performed on sample D7F200363-009 and was in control.

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 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. MS/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, i.e., 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.

EXECUTIVE SUMMARY - Detection Highlights

D7F200363

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-65A-7B1 06/18/07 04:54 002				
Trichloroethene	4.5	1.0	ug/L	SW846 8260B
ASE-62A-7B1 06/18/07 05:40 003				
1,1-Dichloroethane	12	2.0	ug/L	SW846 8260B
Trichloroethene	1.2	1.0	ug/L	SW846 8260B
Vinyl chloride	1.2	1.0	ug/L	SW846 8260B
PL-506-7B1 06/18/07 05:50 004				
1,1-Dichloroethane	12	2.0	ug/L	SW846 8260B
Trichloroethene	1.2	1.0	ug/L	SW846 8260B
Vinyl chloride	1.1	1.0	ug/L	SW846 8260B
ASE-92A-7B1 06/18/07 06:26 005				
TPH C10-C32	0.72	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.72	0.10	mg/L	SW846 8015B
Benzene	65	2.0	ug/L	SW846 8260B
Benzene	79	20	ug/L	SW846 8260B
1,1-Dichloroethane	4.8	4.0	ug/L	SW846 8260B
Vinyl chloride	2.0	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	580 E	10	ug/L	SW846 8260B
Methyl tert-butyl ether	600	100	ug/L	SW846 8260B
Naphthalene	26	4.0	ug/L	SW846 8260B
Naphthalene	47	40	ug/L	SW846 8260B
ASE-108A-7B1 06/18/07 07:00 006				
TPH C10-C32	0.34	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.34	0.10	mg/L	SW846 8015B
Benzene	9.3	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	33	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	2.0	2.0	ug/L	SW846 8260B
Trichloroethene	1.5	1.0	ug/L	SW846 8260B
Vinyl chloride	5.0	1.0	ug/L	SW846 8260B
Isopropylbenzene	3.6	2.0	ug/L	SW846 8260B
n-Propylbenzene	2.4	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	8.8	5.0	ug/L	SW846 8260B
Naphthalene	14	2.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

D7F200363

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PL-105A-7B1 06/18/07 07:45 007				
TPH C10-C32	0.74	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.74	0.10	mg/L	SW846 8015B
Benzene	13	1.0	ug/L	SW846 8260B
Benzene	13	2.0	ug/L	SW846 8260B
Chloroethane	8.8	5.0	ug/L	SW846 8260B
1,1-Dichloroethane	65 E	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	64	4.0	ug/L	SW846 8260B
Vinyl chloride	9.1	1.0	ug/L	SW846 8260B
Vinyl chloride	9.0	2.0	ug/L	SW846 8260B
sec-Butylbenzene	5.3	5.0	ug/L	SW846 8260B
Isopropylbenzene	6.6	2.0	ug/L	SW846 8260B
Isopropylbenzene	6.0	4.0	ug/L	SW846 8260B
n-Propylbenzene	4.3	2.0	ug/L	SW846 8260B
n-Propylbenzene	4.4	4.0	ug/L	SW846 8260B
Methyl tert-butyl ether	9.5	5.0	ug/L	SW846 8260B
Naphthalene	38	2.0	ug/L	SW846 8260B
Naphthalene	41	4.0	ug/L	SW846 8260B
ASE-55A-7B1 06/18/07 08:23 008				
TPH C10-C32	4.0	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	4.0	0.10	mg/L	SW846 8015B
Benzene	8.0	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	16	2.0	ug/L	SW846 8260B
Vinyl chloride	1.5	1.0	ug/L	SW846 8260B
sec-Butylbenzene	7.5	5.0	ug/L	SW846 8260B
Isopropylbenzene	10	2.0	ug/L	SW846 8260B
n-Propylbenzene	10	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	6.4	5.0	ug/L	SW846 8260B
Naphthalene	48	2.0	ug/L	SW846 8260B
ASE-91A-7B1 06/18/07 09:09 009				
TPH C10-C32	0.98	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.98	0.10	mg/L	SW846 8015B
Benzene	100 E	1.0	ug/L	SW846 8260B
Benzene	100	6.7	ug/L	SW846 8260B
Chloroethane	26	5.0	ug/L	SW846 8260B
1,1-Dichloroethane	81 E	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	82	13	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

D7F200363

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-91A-7B1 06/18/07 09:09 009				
Vinyl chloride	7.2	1.0	ug/L	SW846 8260B
Vinyl chloride	6.8	6.7	ug/L	SW846 8260B
sec-Butylbenzene	9.4	5.0	ug/L	SW846 8260B
Isopropylbenzene	28	2.0	ug/L	SW846 8260B
Isopropylbenzene	25	13	ug/L	SW846 8260B
n-Propylbenzene	23	2.0	ug/L	SW846 8260B
n-Propylbenzene	23	13	ug/L	SW846 8260B
Methyl tert-butyl ether	83 E	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	85	33	ug/L	SW846 8260B
Naphthalene	110 E	2.0	ug/L	SW846 8260B
Naphthalene	140	13	ug/L	SW846 8260B
ASE-41A-7B1 06/18/07 10:32 010				
TPH C10-C32	3.7	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	3.7	0.10	mg/L	SW846 8015B
p-Isopropyltoluene	2.9	2.0	ug/L	SW846 8260B
Benzene	93 E	1.0	ug/L	SW846 8260B
Benzene	85	10	ug/L	SW846 8260B
2-Butanone (MEK)	59	10	ug/L	SW846 8260B
1,1-Dichloroethane	15	2.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	4.8	2.0	ug/L	SW846 8260B
Ethylbenzene	40	2.0	ug/L	SW846 8260B
Ethylbenzene	38	20	ug/L	SW846 8260B
Trichloroethene	1.1	1.0	ug/L	SW846 8260B
Vinyl chloride	4.4	1.0	ug/L	SW846 8260B
sec-Butylbenzene	6.5	5.0	ug/L	SW846 8260B
Isopropylbenzene	12	2.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	9.6	2.0	ug/L	SW846 8260B
n-Propylbenzene	13	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	24	5.0	ug/L	SW846 8260B
Naphthalene	200 E	2.0	ug/L	SW846 8260B
Naphthalene	160	20	ug/L	SW846 8260B
ASE-66A-7B1 06/19/07 04:30 012				
1,1-Dichloroethane	9.4	2.0	ug/L	SW846 8260B
Trichloroethene	2.2	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	8.7	5.0	ug/L	SW846 8260B
Naphthalene	3.3	2.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

D7F200363

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-68A-7B1 06/19/07 05:21 013				
TPH C10-C32	0.28	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.28	0.10	mg/L	SW846 8015B
Benzene	6.9	1.0	ug/L	SW846 8260B
Benzene	11	10	ug/L	SW846 8260B
1,1-Dichloroethane	23	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	23	20	ug/L	SW846 8260B
cis-1,2-Dichloroethene	13	2.0	ug/L	SW846 8260B
Trichloroethene	6.5	1.0	ug/L	SW846 8260B
Vinyl chloride	18	1.0	ug/L	SW846 8260B
Vinyl chloride	15	10	ug/L	SW846 8260B
Methyl tert-butyl ether	150 E	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	150	50	ug/L	SW846 8260B
Naphthalene	3.7	2.0	ug/L	SW846 8260B
ASE-20A-7B1 06/19/07 05:59 014				
TPH C10-C32	0.46	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.46	0.10	mg/L	SW846 8015B
Benzene	4.7	1.0	ug/L	SW846 8260B
Chloroethane	5.8	5.0	ug/L	SW846 8260B
1,1-Dichloroethane	34	2.0	ug/L	SW846 8260B
Ethylbenzene	28	2.0	ug/L	SW846 8260B
Trichloroethene	1.7	1.0	ug/L	SW846 8260B
Vinyl chloride	12	1.0	ug/L	SW846 8260B
sec-Butylbenzene	7.1	5.0	ug/L	SW846 8260B
Isopropylbenzene	12	2.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	3.2	2.0	ug/L	SW846 8260B
n-Propylbenzene	6.5	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	15	5.0	ug/L	SW846 8260B
Naphthalene	7.4	2.0	ug/L	SW846 8260B
ASE-53A-7B1 06/19/07 07:12 015				
Benzene	25	1.0	ug/L	SW846 8260B
Tetrachloroethene	1.4	1.0	ug/L	SW846 8260B
Trichloroethene	2.9	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	24	5.0	ug/L	SW846 8260B
Naphthalene	2.8	2.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

D7F200363

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-52A-7B1 06/19/07 07:50 016				
TPH C10-C32	0.41	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.41	0.10	mg/L	SW846 8015B
Benzene	200 E	2.0	ug/L	SW846 8260B
Benzene	190	5.0	ug/L	SW846 8260B
1,1-Dichloroethane	11	4.0	ug/L	SW846 8260B
Ethylbenzene	36	4.0	ug/L	SW846 8260B
Ethylbenzene	34	10	ug/L	SW846 8260B
Trichloroethene	7.8	2.0	ug/L	SW846 8260B
Trichloroethene	7.7	5.0	ug/L	SW846 8260B
Xylenes (total)	37	20	ug/L	SW846 8260B
Isopropylbenzene	6.3	4.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	32	4.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	22	10	ug/L	SW846 8260B
n-Propylbenzene	6.0	4.0	ug/L	SW846 8260B
Methyl tert-butyl ether	62	10	ug/L	SW846 8260B
Methyl tert-butyl ether	46	25	ug/L	SW846 8260B
Naphthalene	40	4.0	ug/L	SW846 8260B
Naphthalene	33	10	ug/L	SW846 8260B
ASE-51A-7B1 06/19/07 08:28 017				
TPH C10-C32	3.5	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	3.5	0.10	mg/L	SW846 8015B
p-Isopropyltoluene	5.8	4.0	ug/L	SW846 8260B
Benzene	100	2.0	ug/L	SW846 8260B
Benzene	110	20	ug/L	SW846 8260B
1,1-Dichloroethane	11	4.0	ug/L	SW846 8260B
Ethylbenzene	110	4.0	ug/L	SW846 8260B
Ethylbenzene	110	40	ug/L	SW846 8260B
Xylenes (total)	44	20	ug/L	SW846 8260B
n-Butylbenzene	17	10	ug/L	SW846 8260B
sec-Butylbenzene	22	10	ug/L	SW846 8260B
Isopropylbenzene	27	4.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	57	4.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	62	40	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	9.5	4.0	ug/L	SW846 8260B
n-Propylbenzene	31	4.0	ug/L	SW846 8260B
Methyl tert-butyl ether	14	10	ug/L	SW846 8260B
Naphthalene	280 E	4.0	ug/L	SW846 8260B
Naphthalene	280	40	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7F200363

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PL-507-7B1 06/19/07 08:40 018				
TPH C10-C32	3.9	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	3.9	0.10	mg/L	SW846 8015B
p-Isopropyltoluene	5.1	4.0	ug/L	SW846 8260B
Benzene	100	2.0	ug/L	SW846 8260B
Benzene	110	20	ug/L	SW846 8260B
1,1-Dichloroethane	11	4.0	ug/L	SW846 8260B
Ethylbenzene	110	4.0	ug/L	SW846 8260B
Ethylbenzene	110	40	ug/L	SW846 8260B
Xylenes (total)	43	20	ug/L	SW846 8260B
n-Butylbenzene	15	10	ug/L	SW846 8260B
sec-Butylbenzene	21	10	ug/L	SW846 8260B
Isopropylbenzene	25	4.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	54	4.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	58	40	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	9.2	4.0	ug/L	SW846 8260B
n-Propylbenzene	30	4.0	ug/L	SW846 8260B
Methyl tert-butyl ether	14	10	ug/L	SW846 8260B
Naphthalene	290 E	4.0	ug/L	SW846 8260B
Naphthalene	280	40	ug/L	SW846 8260B
ASE-56A-7B1 06/19/07 09:23 019				
TPH C10-C32	1.8	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	1.8	0.10	mg/L	SW846 8015B
Benzene	410 E	4.0	ug/L	SW846 8260B
Benzene	530	20	ug/L	SW846 8260B
1,1-Dichloroethane	64	8.0	ug/L	SW846 8260B
1,1-Dichloroethane	67	40	ug/L	SW846 8260B
Ethylbenzene	38	8.0	ug/L	SW846 8260B
Ethylbenzene	41	40	ug/L	SW846 8260B
Vinyl chloride	13	4.0	ug/L	SW846 8260B
Isopropylbenzene	41	8.0	ug/L	SW846 8260B
Isopropylbenzene	43	40	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	41	8.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	48	40	ug/L	SW846 8260B
n-Propylbenzene	49	8.0	ug/L	SW846 8260B
n-Propylbenzene	53	40	ug/L	SW846 8260B
Methyl tert-butyl ether	34	20	ug/L	SW846 8260B
Naphthalene	300 E	8.0	ug/L	SW846 8260B
Naphthalene	270	40	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7F200363

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-57A-7B1 06/19/07 10:51 020				
TPH C10-C32	4.7	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	4.7	0.10	mg/L	SW846 8015B
Benzene	290 E	2.0	ug/L	SW846 8260B
Benzene	450	20	ug/L	SW846 8260B
1,1-Dichloroethane	7.9	4.0	ug/L	SW846 8260B
Ethylbenzene	27	4.0	ug/L	SW846 8260B
Vinyl chloride	4.9	2.0	ug/L	SW846 8260B
sec-Butylbenzene	17	10	ug/L	SW846 8260B
Isopropylbenzene	48	4.0	ug/L	SW846 8260B
Isopropylbenzene	48	40	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	5.5	4.0	ug/L	SW846 8260B
n-Propylbenzene	54	4.0	ug/L	SW846 8260B
n-Propylbenzene	53	40	ug/L	SW846 8260B
Methyl tert-butyl ether	190 E	10	ug/L	SW846 8260B
Methyl tert-butyl ether	180	100	ug/L	SW846 8260B
Naphthalene	470 E	4.0	ug/L	SW846 8260B
Naphthalene	420	40	ug/L	SW846 8260B

METHODS SUMMARY

D7F200363

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

D7F200363

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

D7F200363

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J1E9T	001	TB-061807	06/18/07	04:30
J1E95	002	ASE-65A-7B1	06/18/07	04:54
J1E97	003	ASE-62A-7B1	06/18/07	05:40
J1FAA	004	PL-506-7B1	06/18/07	05:50
J1FAF	005	ASE-92A-7B1	06/18/07	06:26
J1FAK	006	ASE-108A-7B1	06/18/07	07:00
J1FAN	007	PL-105A-7B1	06/18/07	07:45
J1FAV	008	ASE-55A-7B1	06/18/07	08:23
J1FAW	009	ASE-91A-7B1	06/18/07	09:09
J1FA0	010	ASE-41A-7B1	06/18/07	10:32
J1FA1	011	TB-061907	06/19/07	04:10
J1FCA	012	ASE-66A-7B1	06/19/07	04:30
J1FCE	013	ASE-68A-7B1	06/19/07	05:21
J1FCG	014	ASE-20A-7B1	06/19/07	05:59
J1FCH	015	ASE-53A-7B1	06/19/07	07:12
J1FCL	016	ASE-52A-7B1	06/19/07	07:50
J1FCM	017	ASE-51A-7B1	06/19/07	08:28
J1FCP	018	PL-507-7B1	06/19/07	08:40
J1FCT	019	ASE-56A-7B1	06/19/07	09:23
J1FCV	020	ASE-57A-7B1	06/19/07	10:51

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

D7F200363

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		7183231	7183106
002	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
003	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
004	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
005	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
006	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
007	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
008	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
009	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
010	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
	WATER	SW846 8260B		7183257	7183204
011	WATER	SW846 8260B		7183257	7183204
012	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
013	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
014	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106

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QC DATA ASSOCIATION SUMMARY

D7F200363

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
015	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
016	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
	WATER	SW846 8260B		7183257	7183204
017	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
	WATER	SW846 8260B		7183257	7183204
018	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
	WATER	SW846 8260B		7183257	7183204
019	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
	WATER	SW846 8260B		7183257	7183204
020	WATER	SW846 8015B		7172465	7172330
	WATER	SW846 8260B		7183231	7183106
	WATER	SW846 8260B		7183257	7183204

STL

Volatile GC/MS

Lot ID: D7F200363

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: -001 through -010, -012 through -020

Batch: 7183231

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	TB-061807
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-001
Matrix:	WATER	**Lab WorkOrder:**	J1E9T1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 04:30
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 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		
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:	TESTAMERICA DENVER	**Client Sample ID:**	TB-061807
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-001
Matrix:	WATER	**Lab WorkOrder:**	J1E9T1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 04:30
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 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:	TESTAMERICA DENVER	**Client Sample ID:**	TB-061807
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-001
Matrix:	WATER	**Lab WorkOrder:**	J1E9T1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 04:30
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 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
17060-07-0	1,2-Dichloroethane-d4	91	70	127		
2037-26-5	Toluene-d8	103	83	125		
1868-53-7	Dibromofluoromethane	98	77	119		
460-00-4	4-Bromofluorobenzene	100	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-65A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-002
Matrix:	WATER	**Lab WorkOrder:**	J1E951AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 04:54
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 13:20
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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-65A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-002
Matrix:	WATER	**Lab WorkOrder:**	J1E951AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 04:54
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 13:20
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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-65A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-002
Matrix:	WATER	**Lab WorkOrder:**	J1E951AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 04:54
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 13:20
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	**4.5**	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	91	70	127		
2037-26-5	Toluene-d8	103	83	125		
1868-53-7	Dibromofluoromethane	95	77	119		
460-00-4	4-Bromofluorobenzene	101	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-62A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-003
Matrix:	WATER	**Lab WorkOrder:**	J1E971AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 05:40
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 13:39
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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-62A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-003
Matrix:	WATER	**Lab WorkOrder:**	J1E971AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 05:40
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 13:39
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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-62A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-003
Matrix:	WATER	**Lab WorkOrder:**	J1E971AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 05:40
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 13:39
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	**1.2**	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	100	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:	TESTAMERICA DENVER	**Client Sample ID:**	PL-506-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-004
Matrix:	WATER	**Lab WorkOrder:**	J1FAA1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 05:50
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 13:57
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:	TESTAMERICA DENVER	**Client Sample ID:**	PL-506-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-004
Matrix:	WATER	**Lab WorkOrder:**	J1FAA1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 05:50
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 13:57
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:	TESTAMERICA DENVER	**Client Sample ID:**	PL-506-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-004
Matrix:	WATER	**Lab WorkOrder:**	J1FAA1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 05:50
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 13:57
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	**1.1**	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	102	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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-92A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-005
Matrix:	WATER	**Lab WorkOrder:**	J1FAF1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 06:26
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 14:16
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	**4.8**	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	**65**	2.0	D2	
108-86-1	Bromobenzene	ND	10	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-92A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-005
Matrix:	WATER	**Lab WorkOrder:**	J1FAF1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 06:26
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 14:16
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	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	ND	4.0	D2	
1634-04-4	Methyl tert-butyl ether	**580**	10	D2	E
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	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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-92A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-005
Matrix:	WATER	**Lab WorkOrder:**	J1FAF1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 06:26
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 14:16
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	ND	2.0	D2	
75-69-4	Trichlorofluoromethane	ND	10	D2	
108-05-4	Vinyl acetate	ND	50	D2	
75-01-4	Vinyl chloride	**2.0**	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	92	70	127	D2	
2037-26-5	Toluene-d8	103	83	125	D2	
1868-53-7	Dibromofluoromethane	96	77	119	D2	
460-00-4	4-Bromofluorobenzene	100	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-92A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-005
Matrix:	WATER	**Lab WorkOrder:**	J1FAF2AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 06:26
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 14:34
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	**79**	20	D2	
108-86-1	Bromobenzene	ND	100	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-92A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-005
Matrix:	WATER	**Lab WorkOrder:**	J1FAF2AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 06:26
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 14:34
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	**600**	100	D2	
75-09-2	Methylene chloride	ND	100	D2	
91-20-3	Naphthalene	**47**	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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-92A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-005
Matrix:	WATER	**Lab WorkOrder:**	J1FAF2AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 06:26
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 14:34
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
460-00-4	4-Bromofluorobenzene	98	78	118	D2	
17060-07-0	1,2-Dichloroethane-d4	96	70	127	D2	
2037-26-5	Toluene-d8	100	83	125	D2	
1868-53-7	Dibromofluoromethane	99	77	119	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-108A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-006
Matrix:	WATER	**Lab WorkOrder:**	J1FAK1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 07:00
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 14:53
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	**33**	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		
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	**9.3**	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-108A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-006
Matrix:	WATER	**Lab WorkOrder:**	J1FAK1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 07:00
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 14:53
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	**3.6**	2.0		
1634-04-4	Methyl tert-butyl ether	**8.8**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**14**	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	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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-108A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-006
Matrix:	WATER	**Lab WorkOrder:**	J1FAK1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 07:00
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 14:53
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	**1.5**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	**5.0**	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	101	83	125		
1868-53-7	Dibromofluoromethane	95	77	119		
460-00-4	4-Bromofluorobenzene	100	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-105A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-007
Matrix:	WATER	**Lab WorkOrder:**	J1FAN1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 07:45
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 15:12
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	**65**	2.0		E
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	**13**	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-105A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-007
Matrix:	WATER	**Lab WorkOrder:**	J1FAN1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 07:45
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 15:12
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	**8.8**	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	**6.6**	2.0		
1634-04-4	Methyl tert-butyl ether	**9.5**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**38**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	**4.3**	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	**5.3**	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:	TESTAMERICA DENVER	**Client Sample ID:**	PL-105A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-007
Matrix:	WATER	**Lab WorkOrder:**	J1FAN1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 07:45
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 15:12
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	**9.1**	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	102	83	125		
1868-53-7	Dibromofluoromethane	96	77	119		
460-00-4	4-Bromofluorobenzene	104	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-105A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-007
Matrix:	WATER	**Lab WorkOrder:**	J1FAN2AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 07:45
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 15:30
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	**64**	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	**13**	2.0	D2	
108-86-1	Bromobenzene	ND	10	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-105A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-007
Matrix:	WATER	**Lab WorkOrder:**	J1FAN2AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 07:45
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 15:30
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	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	**6.0**	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	**41**	4.0	D2	
104-51-8	n-Butylbenzene	ND	10	D2	
103-65-1	n-Propylbenzene	**4.4**	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	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-105A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-007
Matrix:	WATER	**Lab WorkOrder:**	J1FAN2AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 07:45
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 15:30
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	ND	2.0	D2	
75-69-4	Trichlorofluoromethane	ND	10	D2	
108-05-4	Vinyl acetate	ND	50	D2	
75-01-4	Vinyl chloride	**9.0**	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	92	70	127	D2	
2037-26-5	Toluene-d8	99	83	125	D2	
1868-53-7	Dibromofluoromethane	96	77	119	D2	
460-00-4	4-Bromofluorobenzene	97	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-55A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-008
Matrix:	WATER	**Lab WorkOrder:**	J1FAV1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 08:23
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 15:49
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	**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		
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	**8.0**	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-55A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-008
Matrix:	WATER	**Lab WorkOrder:**	J1FAV1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 08:23
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 15:49
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	**10**	2.0		
1634-04-4	Methyl tert-butyl ether	**6.4**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**48**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	**10**	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	**7.5**	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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-55A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-008
Matrix:	WATER	**Lab WorkOrder:**	J1FAV1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 08:23
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 15:49
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	**1.5**	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	95	70	127		
2037-26-5	Toluene-d8	102	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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-91A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-009
Matrix:	WATER	**Lab WorkOrder:**	J1FAW1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 09:09
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 11:28
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	M1	
75-34-3	1,1-Dichloroethane	**81**	2.0		E
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	M1	
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	**100**	1.0	M1	E
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-91A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-009
Matrix:	WATER	**Lab WorkOrder:**	J1FAW1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 09:09
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 11:28
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	**26**	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	**28**	2.0		
1634-04-4	Methyl tert-butyl ether	**83**	5.0		E
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**110**	2.0	M2	E
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	**23**	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	**9.4**	5.0	M1	
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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-91A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-009
Matrix:	WATER	**Lab WorkOrder:**	J1FAW1AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 09:09
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 11:28
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	ND	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	**7.2**	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	108	83	125		
1868-53-7	Dibromofluoromethane	95	77	119		
460-00-4	4-Bromofluorobenzene	109	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-91A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-009
Matrix:	WATER	**Lab WorkOrder:**	J1FAW2AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 09:09
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 11:46
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	M1D2	
75-34-3	1,1-Dichloroethane	**82**	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	M1D2	
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	**100**	6.7	M1D2	
108-86-1	Bromobenzene	ND	33	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-91A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-009
Matrix:	WATER	**Lab WorkOrder:**	J1FAW2AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 09:09
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 11:46
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	**25**	13	D2	
1634-04-4	Methyl tert-butyl ether	**85**	33	D2	
75-09-2	Methylene chloride	ND	33	D2	
91-20-3	Naphthalene	**140**	13	M2D2	
104-51-8	n-Butylbenzene	ND	33	D2	
103-65-1	n-Propylbenzene	**23**	13	D2	
99-87-6	p-Isopropyltoluene	ND	13	D2	
135-98-8	sec-Butylbenzene	ND	33	M1D2	
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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-91A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-009
Matrix:	WATER	**Lab WorkOrder:**	J1FAW2AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 09:09
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 11:46
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	**6.8**	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	95	70	127	D2	
2037-26-5	Toluene-d8	104	83	125	D2	
1868-53-7	Dibromofluoromethane	98	77	119	D2	
460-00-4	4-Bromofluorobenzene	105	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-41A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-010
Matrix:	WATER	**Lab WorkOrder:**	J1FA01AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 10:32
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 16:07
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	**15**	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	**9.6**	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)	**59**	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	**93**	1.0		E
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-41A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-010
Matrix:	WATER	**Lab WorkOrder:**	J1FA01AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 10:32
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 16:07
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	**4.8**	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	**40**	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	**12**	2.0		
1634-04-4	Methyl tert-butyl ether	**24**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**200**	2.0		E
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	**13**	2.0		
99-87-6	p-Isopropyltoluene	**2.9**	2.0		
135-98-8	sec-Butylbenzene	**6.5**	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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-41A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-010
Matrix:	WATER	**Lab WorkOrder:**	J1FA01AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 10:32
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 16:07
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	**1.1**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	**4.4**	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	97	77	119		
460-00-4	4-Bromofluorobenzene	99	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-66A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-012
Matrix:	WATER	**Lab WorkOrder:**	J1FCA1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 04:30
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 17:03
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	**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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-66A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-012
Matrix:	WATER	**Lab WorkOrder:**	J1FCA1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 04:30
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 17:03
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	**8.7**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**3.3**	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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-66A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-012
Matrix:	WATER	**Lab WorkOrder:**	J1FCA1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 04:30
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 17:03
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	**2.2**	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	95	70	127		
2037-26-5	Toluene-d8	98	83	125		
1868-53-7	Dibromofluoromethane	99	77	119		
460-00-4	4-Bromofluorobenzene	99	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-68A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-013
Matrix:	WATER	**Lab WorkOrder:**	J1FCE1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 05:21
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 17:21
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	**23**	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	**6.9**	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-68A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-013
Matrix:	WATER	**Lab WorkOrder:**	J1FCE1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 05:21
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 17:21
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	**13**	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	**150**	5.0		E
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**3.7**	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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-68A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-013
Matrix:	WATER	**Lab WorkOrder:**	J1FCE1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 05:21
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 17:21
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	**6.5**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	**18**	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	100	83	125		
1868-53-7	Dibromofluoromethane	96	77	119		
460-00-4	4-Bromofluorobenzene	101	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-68A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-013
Matrix:	WATER	**Lab WorkOrder:**	J1FCE2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 05:21
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 17:40
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	**23**	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	**11**	10	D2	
108-86-1	Bromobenzene	ND	50	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-68A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-013
Matrix:	WATER	**Lab WorkOrder:**	J1FCE2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 05:21
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 17:40
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	**150**	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	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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-68A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-013
Matrix:	WATER	**Lab WorkOrder:**	J1FCE2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 05:21
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 17:40
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	**15**	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	91	70	127	D2	
2037-26-5	Toluene-d8	100	83	125	D2	
1868-53-7	Dibromofluoromethane	95	77	119	D2	
460-00-4	4-Bromofluorobenzene	96	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-20A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-014
Matrix:	WATER	**Lab WorkOrder:**	J1FCG1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 05:59
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 17:58
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	**34**	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	**3.2**	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	**4.7**	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-20A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-014
Matrix:	WATER	**Lab WorkOrder:**	J1FCG1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 05:59
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 17:58
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	**5.8**	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	**28**	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	**12**	2.0		
1634-04-4	Methyl tert-butyl ether	**15**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**7.4**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	**6.5**	2.0		
99-87-6	p-Isopropyltoluene	ND	2.0		
135-98-8	sec-Butylbenzene	**7.1**	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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-20A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-014
Matrix:	WATER	**Lab WorkOrder:**	J1FCG1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 05:59
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 17:58
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	**1.7**	1.0		
75-69-4	Trichlorofluoromethane	ND	5.0		
108-05-4	Vinyl acetate	ND	25		
75-01-4	Vinyl chloride	**12**	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	102	83	125		
1868-53-7	Dibromofluoromethane	95	77	119		
460-00-4	4-Bromofluorobenzene	99	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-53A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-015
Matrix:	WATER	**Lab WorkOrder:**	J1FCH1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 07:12
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 18:36
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		
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	**25**	1.0		
108-86-1	Bromobenzene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-53A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-015
Matrix:	WATER	**Lab WorkOrder:**	J1FCH1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 07:12
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 18:36
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	**24**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**2.8**	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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-53A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-015
Matrix:	WATER	**Lab WorkOrder:**	J1FCH1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 07:12
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 18:36
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	**2.9**	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	91	70	127		
2037-26-5	Toluene-d8	98	83	125		
1868-53-7	Dibromofluoromethane	95	77	119		
460-00-4	4-Bromofluorobenzene	95	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-52A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-016
Matrix:	WATER	**Lab WorkOrder:**	J1FCL1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 07:50
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 18:54
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	**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	**32**	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	**200**	2.0	D2	E
108-86-1	Bromobenzene	ND	10	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-52A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-016
Matrix:	WATER	**Lab WorkOrder:**	J1FCL1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 07:50
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 18:54
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	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	**36**	4.0	D2	
87-68-3	Hexachlorobutadiene	ND	10	D2	
74-88-4	Iodomethane	ND	20	D2	
98-82-8	Isopropylbenzene	**6.3**	4.0	D2	
1634-04-4	Methyl tert-butyl ether	**62**	10	D2	
75-09-2	Methylene chloride	ND	10	D2	
91-20-3	Naphthalene	**40**	4.0	D2	
104-51-8	n-Butylbenzene	ND	10	D2	
103-65-1	n-Propylbenzene	**6.0**	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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-52A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-016
Matrix:	WATER	**Lab WorkOrder:**	J1FCL1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 07:50
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 18:54
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	**7.8**	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)	**37**	20	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	91	70	127	D2	
2037-26-5	Toluene-d8	103	83	125	D2	
1868-53-7	Dibromofluoromethane	95	77	119	D2	
460-00-4	4-Bromofluorobenzene	103	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-51A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-017
Matrix:	WATER	**Lab WorkOrder:**	J1FCM1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 08:28
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 19:31
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	**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	**57**	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	**9.5**	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	**100**	2.0	D2	
108-86-1	Bromobenzene	ND	10	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-51A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-017
Matrix:	WATER	**Lab WorkOrder:**	J1FCM1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 08:28
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 19:31
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	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	**110**	4.0	D2	
87-68-3	Hexachlorobutadiene	ND	10	D2	
74-88-4	Iodomethane	ND	20	D2	
98-82-8	Isopropylbenzene	**27**	4.0	D2	
1634-04-4	Methyl tert-butyl ether	**14**	10	D2	
75-09-2	Methylene chloride	ND	10	D2	
91-20-3	Naphthalene	**280**	4.0	D2	E
104-51-8	n-Butylbenzene	**17**	10	D2	
103-65-1	n-Propylbenzene	**31**	4.0	D2	
99-87-6	p-Isopropyltoluene	**5.8**	4.0	D2	
135-98-8	sec-Butylbenzene	**22**	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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-51A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-017
Matrix:	WATER	**Lab WorkOrder:**	J1FCM1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 08:28
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 19:31
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	ND	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)	**44**	20	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	89	70	127	D2	
2037-26-5	Toluene-d8	104	83	125	D2	
1868-53-7	Dibromofluoromethane	94	77	119	D2	
460-00-4	4-Bromofluorobenzene	104	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-507-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-018
Matrix:	WATER	**Lab WorkOrder:**	J1FCP1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 08:40
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 20:08
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	**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	**54**	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	**9.2**	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	**100**	2.0	D2	
108-86-1	Bromobenzene	ND	10	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-507-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-018
Matrix:	WATER	**Lab WorkOrder:**	J1FCP1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 08:40
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 20:08
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	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	**110**	4.0	D2	
87-68-3	Hexachlorobutadiene	ND	10	D2	
74-88-4	Iodomethane	ND	20	D2	
98-82-8	Isopropylbenzene	**25**	4.0	D2	
1634-04-4	Methyl tert-butyl ether	**14**	10	D2	
75-09-2	Methylene chloride	ND	10	D2	
91-20-3	Naphthalene	**290**	4.0	D2	E
104-51-8	n-Butylbenzene	**15**	10	D2	
103-65-1	n-Propylbenzene	**30**	4.0	D2	
99-87-6	p-Isopropyltoluene	**5.1**	4.0	D2	
135-98-8	sec-Butylbenzene	**21**	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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-507-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-018
Matrix:	WATER	**Lab WorkOrder:**	J1FCP1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 08:40
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 20:08
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	ND	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)	**43**	20	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	91	70	127	D2	
2037-26-5	Toluene-d8	105	83	125	D2	
1868-53-7	Dibromofluoromethane	96	77	119	D2	
460-00-4	4-Bromofluorobenzene	106	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-56A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-019
Matrix:	WATER	**Lab WorkOrder:**	J1FCT1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 09:23
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 20:45
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	**64**	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	**41**	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	
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	**410**	4.0	D2	E
108-86-1	Bromobenzene	ND	20	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-56A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-019
Matrix:	WATER	**Lab WorkOrder:**	J1FCT1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 09:23
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 20:45
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	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	**38**	8.0	D2	
87-68-3	Hexachlorobutadiene	ND	20	D2	
74-88-4	Iodomethane	ND	40	D2	
98-82-8	Isopropylbenzene	**41**	8.0	D2	
1634-04-4	Methyl tert-butyl ether	**34**	20	D2	
75-09-2	Methylene chloride	ND	20	D2	
91-20-3	Naphthalene	**300**	8.0	D2	E
104-51-8	n-Butylbenzene	ND	20	D2	
103-65-1	n-Propylbenzene	**49**	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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-56A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-019
Matrix:	WATER	**Lab WorkOrder:**	J1FCT1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 09:23
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 20:45
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	ND	4.0	D2	
75-69-4	Trichlorofluoromethane	ND	20	D2	
108-05-4	Vinyl acetate	ND	100	D2	
75-01-4	Vinyl chloride	13	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	91	70	127	D2	
2037-26-5	Toluene-d8	100	83	125	D2	
1868-53-7	Dibromofluoromethane	95	77	119	D2	
460-00-4	4-Bromofluorobenzene	96	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-57A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-020
Matrix:	WATER	**Lab WorkOrder:**	J1FCV1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 10:51
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 21:22
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	**7.9**	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	**5.5**	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	**290**	2.0	D2	E
108-86-1	Bromobenzene	ND	10	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-57A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-020
Matrix:	WATER	**Lab WorkOrder:**	J1FCV1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 10:51
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 21:22
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	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	**27**	4.0	D2	
87-68-3	Hexachlorobutadiene	ND	10	D2	
74-88-4	Iodomethane	ND	20	D2	
98-82-8	Isopropylbenzene	**48**	4.0	D2	
1634-04-4	Methyl tert-butyl ether	**190**	10	D2	E
75-09-2	Methylene chloride	ND	10	D2	
91-20-3	Naphthalene	**470**	4.0	D2	E
104-51-8	n-Butylbenzene	ND	10	D2	
103-65-1	n-Propylbenzene	**54**	4.0	D2	
99-87-6	p-Isopropyltoluene	ND	4.0	D2	
135-98-8	sec-Butylbenzene	**17**	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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-57A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-020
Matrix:	WATER	**Lab WorkOrder:**	J1FCV1AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 10:51
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 21:22
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	ND	2.0	D2	
75-69-4	Trichlorofluoromethane	ND	10	D2	
108-05-4	Vinyl acetate	ND	50	D2	
75-01-4	Vinyl chloride	**4.9**	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	96	70	127	D2	
2037-26-5	Toluene-d8	102	83	125	D2	
1868-53-7	Dibromofluoromethane	97	77	119	D2	
460-00-4	4-Bromofluorobenzene	100	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7G020000-231B
Matrix:	WATER	**Lab WorkOrder:**	J17MK1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 11:09
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:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7G020000-231B
Matrix:	WATER	**Lab WorkOrder:**	J17MK1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 11:09
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:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7G020000-231B
Matrix:	WATER	**Lab WorkOrder:**	J17MK1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 11:09
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	105	70	127	
2037-26-5	Toluene-d8	103	83	125	
1868-53-7	Dibromofluoromethane	105	77	119	
460-00-4	4-Bromofluorobenzene	106	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: TESTAMERICA DENVER **Extraction** I25QK9H

Lot/SDG Number: D7F200363 **QC Batch ID:** 7183231

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
INTRA-LAB BLANK	J17MK1AA	105	106	105	103					0
CHECK SAMPLE	J17MK1AC	101	100	101	97					0
ASE-65A-7B1	J1E951AA	91	101	95	103					0
ASE-62A-7B1	J1E971AA	92	99	97	100					0
TB-061807	J1E9T1AA	91	100	98	103					0
ASE-41A-7B1	J1FA01AA	102	99	97	100					0
PL-506-7B1	J1FAA1AA	93	96	98	102					0
ASE-92A-7B1	J1FAF1AA	92	100	96	103					0
ASE-92A-7B1	J1FAF2AA	96	98	99	100					0
ASE-108A-7B1	J1FAK1AA	92	100	95	101					0
PL-105A-7B1	J1FAN1AA	93	104	96	102					0
PL-105A-7B1	J1FAN2AA	92	97	96	99					0
ASE-55A-7B1	J1FAV1AA	95	100	97	102					0
ASE-91A-7B1	J1FAW1AA	96	109	95	108					0
ASE-91A-7B1 MS	J1FAW1AH	92	105	96	110					0
ASE-91A-7B1 MSD	J1FAW1AJ	92	97	96	103					0
ASE-91A-7B1	J1FAW2AA	95	105	98	104					0
ASE-66A-7B1	J1FCA1AA	95	99	99	98					0
ASE-68A-7B1	J1FCE1AA	90	101	96	100					0
ASE-68A-7B1	J1FCE2AA	91	96	95	100					0
ASE-20A-7B1	J1FCG1AA	94	99	95	102					0
ASE-53A-7B1	J1FCH1AA	91	95	95	98					0
ASE-52A-7B1	J1FCL1AA	91	103	95	103					0
ASE-51A-7B1	J1FCM1AA	89	104	94	104					0
PL-507-7B1	J1FCP1AA	91	106	96	105					0
ASE-56A-7B1	J1FCT1AA	91	96	95	100					0
ASE-57A-7B1	J1FCV1AA	96	100	97	102					0

Form 2 Surrogate Recovery Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name:	TESTAMERICA DENVER	**Extraction**	I25QK9H
Lot/SDG Number:	D7F200363	**QC Batch ID:**	7183231

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:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7G020000-231C
Matrix:	WATER	**Lab WorkOrder:**	J17MK1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 10:33
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	5.13	103		72 - 117
Acetone	10.0	10.4	104		48 - 130
Ethylbenzene	5.00	4.47	89		78 - 118
Trichlorofluoromethane	5.00	5.67	113		63 - 135
Hexachlorobutadiene	5.00	4.62	92		73 - 123
2-Hexanone	10.0	8.68	87		57 - 121
Isopropylbenzene	5.00	4.26	85		71 - 111
p-Isopropyltoluene	5.00	4.42	88		76 - 113
Methylene chloride	5.00	4.35	87		71 - 119
4-Methyl-2-pentanone	10.0	8.56	86		65 - 118
Naphthalene	5.00	4.42	88		62 - 121
Benzene	5.00	5.06	101		77 - 118
n-Propylbenzene	5.00	4.37	87		76 - 116
Styrene	5.00	5.00	100		77 - 117
1,1,1,2-Tetrachloroethane	5.00	4.69	94		77 - 117
1,1,2,2-Tetrachloroethane	5.00	5.49	110		73 - 119
Tetrachloroethene	5.00	4.66	93		77 - 117
Toluene	5.00	4.87	97		73 - 120
1,2,3-Trichlorobenzene	5.00	4.38	88		66 - 123
1,2,4-Trichlorobenzene	5.00	4.54	91		73 - 121
1,1,1-Trichloroethane	5.00	5.13	103		78 - 118
1,1,2-Trichloroethane	5.00	5.00	100		76 - 116
Trichloroethene	5.00	4.67	93		78 - 122
1,2,3-Trichloropropane	5.00	4.73	95		72 - 120
1,2,4-Trimethylbenzene	5.00	4.67	93		77 - 117
1,3,5-Trimethylbenzene	5.00	4.58	92		77 - 117
Vinyl acetate	5.00	3.88	78		63 - 124
Vinyl chloride	5.00	5.31	106		49 - 136
Xylenes (total)	15.0	13.6	91		77 - 117

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7G020000-231C
Matrix:	WATER	**Lab WorkOrder:**	J17MK1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 10:33
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Methyl tert-butyl ether	10.0	10.0	100		58 - 116
Bromobenzene	5.00	4.77	95		75 - 115
Bromochloromethane	5.00	4.90	98		78 - 118
Bromodichloromethane	5.00	5.01	100		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	4.99	100		65 - 117
1,2-Dibromoethane (EDB)	5.00	4.87	97		77 - 117
2-Butanone (MEK)	10.0	9.43	94		57 - 120
Bromoform	5.00	5.08	102		74 - 121
Bromomethane	5.00	5.26	105		42 - 154
n-Butylbenzene	5.00	4.47	89		76 - 117
sec-Butylbenzene	5.00	4.77	95		80 - 120
tert-Butylbenzene	5.00	4.36	87		76 - 116
Carbon disulfide	5.00	3.14	63		56 - 104
Carbon tetrachloride	5.00	4.88	98		80 - 120
Chlorobenzene	5.00	4.67	93		78 - 118
Chlorodibromomethane	5.00	4.89	98		76 - 116
Chloroethane	5.00	4.97	99		51 - 133
Chloroform	5.00	4.92	98		78 - 118
Chloromethane	5.00	5.26	105		46 - 142
2-Chlorotoluene	5.00	4.71	94		76 - 116
4-Chlorotoluene	5.00	4.45	89		78 - 118
Dibromomethane	5.00	5.42	108		77 - 117
1,2-Dichlorobenzene	5.00	4.61	92		76 - 116
1,3-Dichlorobenzene	5.00	4.65	93		75 - 115
1,4-Dichlorobenzene	5.00	4.74	95		77 - 117
Dichlorodifluoromethane	5.00	5.32	106		56 - 140
1,1-Dichloroethane	5.00	4.98	100		77 - 117
1,2-Dichloroethane	5.00	5.35	107		74 - 120
1,1-Dichloroethene	5.00	5.22	104		68 - 133

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7G020000-231C
Matrix:	WATER	**Lab WorkOrder:**	J17MK1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 10:33
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
cis-1,2-Dichloroethene	5.00	4.94	99		75 - 115
trans-1,2-Dichloroethene	5.00	5.06	101		80 - 120
1,2-Dichloropropane	5.00	4.86	97		76 - 116
1,3-Dichloropropane	5.00	5.22	104		75 - 115
2,2-Dichloropropane	5.00	5.42	108		72 - 128
1,1-Dichloropropene	5.00	4.83	97		75 - 115
cis-1,3-Dichloropropene	5.00	5.02	100		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	101	70	127	
2037-26-5	Toluene-d8	97	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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-91A-7B1
Lot/SDG Number:	D7F200363	**MS Lab Sample ID:**	D7F200363-009S
Matrix:	WATER	**MS Lab WorkOrder:**	J1FAW1AH
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 09:09
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 12:06
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	34.8	104	D2	77 - 117
1,1,1-Trichloroethane	33.3	1.1	D2	33.6	101	D2	78 - 118
1,1,2,2-Tetrachloroethane	33.3	1.3	D2	37.2	112	D2	73 - 119
1,1,2-Trichloroethane	33.3	2.1	M1D2	55.0	165	M1D2	76 - 116
1,1-Dichloroethane	33.3	82	D2	113	91	D2	77 - 117
1,1-Dichloroethene	33.3	0.93	D2	36.7	110	D2	68 - 133
1,1-Dichloropropene	33.3	1.0	D2	33.8	101	D2	75 - 115
1,2,3-Trichlorobenzene	33.3	1.2	D2	32.4	97	D2	66 - 123
1,2,3-Trichloropropane	33.3	1.8	D2	33.1	99	D2	72 - 120
1,2,4-Trichlorobenzene	33.3	2.1	D2	34.3	103	D2	73 - 121
1,2,4-Trimethylbenzene	33.3	0.93	D2	34.9	102	D2	77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	33.3	10	D2	37.0	111	D2	65 - 117
1,2-Dibromoethane (EDB)	33.3	1.2	D2	34.6	104	D2	77 - 117
1,2-Dichlorobenzene	33.3	0.87	D2	34.3	103	D2	76 - 116
1,2-Dichloroethane	33.3	0.87	D2	39.0	117	D2	74 - 120
1,2-Dichloropropane	33.3	0.87	D2	34.8	104	D2	76 - 116
1,3,5-Trimethylbenzene	33.3	0.93	D2	34.2	102	D2	77 - 117
1,3-Dichlorobenzene	33.3	1.1	D2	33.8	102	D2	75 - 115
1,3-Dichloropropane	33.3	1.0	D2	35.8	108	D2	75 - 115
1,4-Dichlorobenzene	33.3	1.1	D2	33.4	100	D2	77 - 117
2,2-Dichloropropane	33.3	1.3	D2	36.3	109	D2	72 - 128
2-Butanone (MEK)	66.7	12	M1D2	118	178	M1D2	57 - 120
2-Chlorotoluene	33.3	1.1	D2	34.9	105	D2	76 - 116
2-Hexanone	66.7	9.3	D2	58.3	87	D2	57 - 121
4-Chlorotoluene	33.3	1.1	D2	33.4	100	D2	78 - 118
4-Methyl-2-pentanone	66.7	3.3	D2	62.1	93	D2	65 - 118
Acetone	66.7	13	D2	67.0	81	D2	48 - 130
Benzene	33.3	100	M1D2	130	78	M1D2	77 - 118
Bromobenzene	33.3	1.1	D2	34.7	104	D2	75 - 115
Bromochloromethane	33.3	0.67	D2	33.3	100	D2	78 - 118

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-91A-7B1
Lot/SDG Number:	D7F200363	**MS Lab Sample ID:**	D7F200363-009S
Matrix:	WATER	**MS Lab WorkOrder:**	J1FAW1AH
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 09:09
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 12:06
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
Bromodichloromethane	33.3	1.1	D2	33.3	100	D2	78 - 118
Bromoform	33.3	1.3	D2	35.0	105	D2	74 - 121
Bromomethane	33.3	1.4	D2	26.3	79	D2	42 - 154
Carbon disulfide	33.3	3.0	D2	23.1	69	D2	56 - 104
Carbon tetrachloride	33.3	1.3	D2	33.0	99	D2	80 - 120
Chlorobenzene	33.3	1.1	D2	34.4	103	D2	78 - 118
Chlorodibromomethane	33.3	1.1	D2	35.2	106	D2	76 - 116
Chloroethane	33.3	2.7	D2	54.4	85	D2	51 - 133
Chloroform	33.3	1.1	D2	32.6	98	D2	78 - 118
Chloromethane	33.3	2.0	D2	28.6	86	D2	46 - 142
cis-1,2-Dichloroethene	33.3	1.0	D2	34.5	100	D2	75 - 115
cis-1,3-Dichloropropene	33.3	1.1	D2	36.9	111	D2	76 - 116
Dibromomethane	33.3	1.1	D2	33.8	101	D2	77 - 117
Dichlorodifluoromethane	33.3	2.1	D2	32.6	98	D2	56 - 140
Ethylbenzene	33.3	1.1	D2	35.5	107	D2	78 - 118
Hexachlorobutadiene	33.3	0.80	D2	34.6	104	D2	73 - 123
Isopropylbenzene	33.3	25	D2	59.4	102	D2	71 - 111
Methyl tert-butyl ether	66.7	85	D2	155	105	D2	58 - 116
Methylene chloride	33.3	2.1	D2	34.6	104	D2	71 - 119
n-Butylbenzene	33.3	0.93	D2	39.4	105	D2	76 - 117
n-Propylbenzene	33.3	23	D2	57.9	104	D2	76 - 116
Naphthalene	33.3	140	M2D2	144	1.6	M2D2	62 - 121
p-Isopropyltoluene	33.3	1.1	D2	34.1	102	D2	76 - 113
sec-Butylbenzene	33.3	1.1	M1D2	46.8	118	M1D2	80 - 120
Styrene	33.3	1.1	D2	35.8	107	D2	77 - 117
tert-Butylbenzene	33.3	1.1	D2	34.5	103	D2	76 - 116
Tetrachloroethene	33.3	1.3	D2	33.5	100	D2	77 - 117
Toluene	33.3	1.1	D2	36.0	108	D2	73 - 120
trans-1,2-Dichloroethene	33.3	1.0	D2	35.6	107	D2	80 - 120
trans-1,3-Dichloropropene	33.3	1.3	D2	37.7	113	D2	72 - 117

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-91A-7B1
Lot/SDG Number:	D7F200363	**MS Lab Sample ID:**	D7F200363-009S
Matrix:	WATER	**MS Lab WorkOrder:**	J1FAW1AH
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 09:09
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 12:06
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
Trichloroethene	33.3	1.1	D2	33.8	102	D2	78 - 122
Trichlorofluoromethane	33.3	1.9	D2	29.6	89	D2	63 - 135
Vinyl acetate	33.3	6.3	D2	29.8	89	D2	63 - 124
Vinyl chloride	33.3	6.8	D2	37.5	92	D2	49 - 136
Xylenes (total)	100	1.3	D2	103	103	D2	77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	92	70	127	D2
460-00-4	4-Bromofluorobenzene	105	78	118	D2
1868-53-7	Dibromofluoromethane	96	77	119	D2
2037-26-5	Toluene-d8	110	83	125	D2

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-91A-7B1
Lot/SDG Number:	D7F200363	**MSD Lab Sample ID:**	D7F200363-009D
Matrix:	WATER	**MSD Lab WorkOrder:**	J1FAW1AJ
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 09:09
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 12:25
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	34.5	104	0.82	D2	77 - 117	20
1,1,1-Trichloroethane	33.3	1.1	D2	35.0	105	3.9	D2	78 - 118	20
1,1,2,2-Tetrachloroethane	33.3	1.3	D2	37.1	111	0.40	D2	73 - 119	20
1,1,2-Trichloroethane	33.3	2.1	M1D2	52.2	157	5.2	M1D2	76 - 116	21
1,1-Dichloroethane	33.3	82	D2	111	85	1.8	D2	77 - 117	21
1,1-Dichloroethene	33.3	0.93	D2	36.7	110	0.070	D2	68 - 133	20
1,1-Dichloropropene	33.3	1.0	D2	35.1	105	3.9	D2	75 - 115	21
1,2,3-Trichlorobenzene	33.3	1.2	D2	31.3	94	3.5	D2	66 - 123	29
1,2,3-Trichloropropane	33.3	1.8	D2	37.4	112	12	D2	72 - 120	23
1,2,4-Trichlorobenzene	33.3	2.1	D2	33.4	100	2.6	D2	73 - 121	25
1,2,4-Trimethylbenzene	33.3	0.93	D2	36.0	105	3.1	D2	77 - 117	20
1,2-Dibromo-3-chloroprop	33.3	10	D2	35.7	107	3.5	D2	65 - 117	22
1,2-Dibromoethane (EDB)	33.3	1.2	D2	35.1	105	1.3	D2	77 - 117	20
1,2-Dichlorobenzene	33.3	0.87	D2	35.3	106	2.7	D2	76 - 116	20
1,2-Dichloroethane	33.3	0.87	D2	39.0	117	0.16	D2	74 - 120	20
1,2-Dichloropropane	33.3	0.87	D2	35.2	106	1.2	D2	76 - 116	20
1,3,5-Trimethylbenzene	33.3	0.93	D2	35.3	106	3.3	D2	77 - 117	20
1,3-Dichlorobenzene	33.3	1.1	D2	34.1	102	0.66	D2	75 - 115	20
1,3-Dichloropropane	33.3	1.0	D2	35.0	105	2.4	D2	75 - 115	20
1,4-Dichlorobenzene	33.3	1.1	D2	34.2	103	2.4	D2	77 - 117	23
2,2-Dichloropropane	33.3	1.3	D2	38.1	114	4.7	D2	72 - 128	24
2-Butanone (MEK)	66.7	12	M1D2	112	168	5.8	M1D2	57 - 120	32
2-Chlorotoluene	33.3	1.1	D2	37.4	112	7.0	D2	76 - 116	20
2-Hexanone	66.7	9.3	D2	64.7	97	10	D2	57 - 121	25
4-Chlorotoluene	33.3	1.1	D2	35.7	107	6.6	D2	78 - 118	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-91A-7B1
Lot/SDG Number:	D7F200363	**MSD Lab Sample ID:**	D7F200363-009D
Matrix:	WATER	**MSD Lab WorkOrder:**	J1FAW1AJ
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 09:09
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 12:25
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
4-Methyl-2-pentanone	66.7	3.3	D2	57.1	86	8.4	D2	65 - 118	22
Acetone	66.7	13	D2	69.8	85	4.0	D2	48 - 130	41
Benzene	33.3	100	M1D2	129	74	0.96	M1D2	77 - 118	20
Bromobenzene	33.3	1.1	D2	36.4	109	4.7	D2	75 - 115	20
Bromochloromethane	33.3	0.67	D2	34.1	102	2.6	D2	78 - 118	20
Bromodichloromethane	33.3	1.1	D2	34.0	102	2.0	D2	78 - 118	20
Bromoform	33.3	1.3	D2	33.7	101	4.0	D2	74 - 121	21
Bromomethane	33.3	1.4	D2	30.3	91	14	D2	42 - 154	24
Carbon disulfide	33.3	3.0	D2	22.0	66	4.8	D2	56 - 104	20
Carbon tetrachloride	33.3	1.3	D2	34.4	103	4.1	D2	80 - 120	21
Chlorobenzene	33.3	1.1	D2	33.3	100	3.2	D2	78 - 118	20
Chlorodibromomethane	33.3	1.1	D2	33.8	101	4.1	D2	76 - 116	20
Chloroethane	33.3	2.7	D2	56.0	90	2.9	D2	51 - 133	25
Chloroform	33.3	1.1	D2	33.3	100	2.1	D2	78 - 118	20
Chloromethane	33.3	2.0	D2	33.6	101	16	D2	46 - 142	24
cis-1,2-Dichloroethene	33.3	1.0	D2	36.4	105	5.4	D2	75 - 115	20
cis-1,3-Dichloropropene	33.3	1.1	D2	36.8	110	0.40	D2	76 - 116	20
Dibromomethane	33.3	1.1	D2	35.4	106	4.7	D2	77 - 117	20
Dichlorodifluoromethane	33.3	2.1	D2	36.2	109	10	D2	56 - 140	24
Ethylbenzene	33.3	1.1	D2	33.9	102	4.8	D2	78 - 118	26
Hexachlorobutadiene	33.3	0.80	D2	34.2	103	1.2	D2	73 - 123	25
Isopropylbenzene	33.3	25	D2	55.0	89	7.8	D2	71 - 111	20
Methyl tert-butyl ether	66.7	85	D2	157	107	1.0	D2	58 - 116	21
Methylene chloride	33.3	2.1	D2	35.2	105	1.7	D2	71 - 119	20
n-Butylbenzene	33.3	0.93	D2	40.0	106	1.4	D2	76 - 117	21

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-91A-7B1
Lot/SDG Number:	D7F200363	**MSD Lab Sample ID:**	D7F200363-009D
Matrix:	WATER	**MSD Lab WorkOrder:**	J1FAW1AJ
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 09:09
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/29/07 09:46
QC Batch ID:	7183231	**Date/Time Analyzed:**	06/29/07 12:25
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
n-Propylbenzene	33.3	23	D2	59.7	109	3.1	D2	76 - 116	20
Naphthalene	33.3	140	M2D2	125	0.0	0.0	M2D2	62 - 121	32
p-Isopropyltoluene	33.3	1.1	D2	35.3	106	3.3	D2	76 - 113	20
sec-Butylbenzene	33.3	1.1	M1D2	48.4	123	3.4	M1D2	80 - 120	21
Styrene	33.3	1.1	D2	35.3	106	1.6	D2	77 - 117	20
tert-Butylbenzene	33.3	1.1	D2	37.0	111	6.9	D2	76 - 116	21
Tetrachloroethene	33.3	1.3	D2	33.9	102	1.1	D2	77 - 117	20
Toluene	33.3	1.1	D2	35.3	106	1.9	D2	73 - 120	20
trans-1,2-Dichloroethene	33.3	1.0	D2	36.5	109	2.4	D2	80 - 120	24
trans-1,3-Dichloropropene	33.3	1.3	D2	37.1	111	1.5	D2	72 - 117	20
Trichloroethene	33.3	1.1	D2	35.5	107	4.8	D2	78 - 122	20
Trichlorofluoromethane	33.3	1.9	D2	34.1	102	14	D2	63 - 135	20
Vinyl acetate	33.3	6.3	D2	27.7	83	7.3	D2	63 - 124	24
Vinyl chloride	33.3	6.8	D2	40.7	101	8.0	D2	49 - 136	24
Xylenes (total)	100	1.3	D2	104	104	0.82	D2	77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	92	70	127	D2
460-00-4	4-Bromofluorobenzene	97	78	118	D2
1868-53-7	Dibromofluoromethane	96	77	119	D2
2037-26-5	Toluene-d8	103	83	125	D2

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	TESTAMERICA DENVER	**Lab File ID:**	RR1046.D
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7G020000-231B
Matrix:	WATER	**Lab Work Order:**	J17MK1AA
Analysis Method:	8260B	**Date/Time Extracted:**	06/29/07 09:46
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	06/29/07 11:09
QC Batch ID:	7183231	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
CHECK SAMPLE	J17MK1AC C	RR1046.D	06/29/07	10:33
ASE-65A-7B1	J1E951AA	RR1055.D	06/29/07	13:20
ASE-62A-7B1	J1E971AA	RR1056.D	06/29/07	13:39
TB-061807	J1E9T1AA	RR1054.D	06/29/07	13:02
ASE-41A-7B1	J1FA01AA	RR1064.D	06/29/07	16:07
PL-506-7B1	J1FAA1AA	RR1057.D	06/29/07	13:57
ASE-92A-7B1	J1FAF1AA	RR1058.D	06/29/07	14:16
ASE-92A-7B1	J1FAF2AA	RR1059.D	06/29/07	14:34
ASE-108A-7B1	J1FAK1AA	RR1060.D	06/29/07	14:53
PL-105A-7B1	J1FAN1AA	RR1061.D	06/29/07	15:12
PL-105A-7B1	J1FAN2AA	RR1062.D	06/29/07	15:30
ASE-55A-7B1	J1FAV1AA	RR1063.D	06/29/07	15:49
ASE-91A-7B1	J1FAW1AA	RR1049.D	06/29/07	11:28
ASE-91A-7B1 MS	J1FAW1AH S	RR1051.D	06/29/07	12:06
ASE-91A-7B1 MSD	J1FAW1AJ D	RR1052.D	06/29/07	12:25
ASE-91A-7B1	J1FAW2AA	RR1050.D	06/29/07	11:46
ASE-66A-7B1	J1FCA1AA	RR1067.D	06/29/07	17:03
ASE-68A-7B1	J1FCE1AA	RR1068.D	06/29/07	17:21
ASE-68A-7B1	J1FCE2AA	RR1069.D	06/29/07	17:40
ASE-20A-7B1	J1FCG1AA	RR1070.D	06/29/07	17:58
ASE-53A-7B1	J1FCH1AA	RR1072.D	06/29/07	18:36
ASE-52A-7B1	J1FCL1AA	RR1073.D	06/29/07	18:54
ASE-51A-7B1	J1FCM1AA	RR1075.D	06/29/07	19:31
PL-507-7B1	J1FCP1AA	RR1077.D	06/29/07	20:08
ASE-56A-7B1	J1FCT1AA	RR1079.D	06/29/07	20:45
ASE-57A-7B1	J1FCV1AA	RR1081.D	06/29/07	21:22

STL

Volatile GC/MS

Lot ID: D7F200363

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: -010, -011, -016 through -020

Batch: 7183257

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-41A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-010
Matrix:	WATER	**Lab WorkOrder:**	J1FA02AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 10:32
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 13:56
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		
71-55-6	1,1,1-Trichloroethane	ND	20		
79-34-5	1,1,2,2-Tetrachloroethane	ND	10		
79-00-5	1,1,2-Trichloroethane	ND	10		
75-34-3	1,1-Dichloroethane	ND	20		
75-35-4	1,1-Dichloroethene	ND	20		
563-58-6	1,1-Dichloropropene	ND	20		
87-61-6	1,2,3-Trichlorobenzene	ND	50		
96-18-4	1,2,3-Trichloropropane	ND	100		
120-82-1	1,2,4-Trichlorobenzene	ND	50		
95-63-6	1,2,4-Trimethylbenzene	ND	20		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	50		
106-93-4	1,2-Dibromoethane (EDB)	ND	20		
95-50-1	1,2-Dichlorobenzene	ND	10		
107-06-2	1,2-Dichloroethane	ND	10		
78-87-5	1,2-Dichloropropane	ND	20		
108-67-8	1,3,5-Trimethylbenzene	ND	20		
541-73-1	1,3-Dichlorobenzene	ND	10		
142-28-9	1,3-Dichloropropane	ND	20		
106-46-7	1,4-Dichlorobenzene	ND	10		
594-20-7	2,2-Dichloropropane	ND	20		
78-93-3	2-Butanone (MEK)	ND	100		
95-49-8	2-Chlorotoluene	ND	50		
591-78-6	2-Hexanone	ND	100		
106-43-4	4-Chlorotoluene	ND	50		
108-10-1	4-Methyl-2-pentanone	ND	100		
67-64-1	Acetone	ND	200		
71-43-2	Benzene	**85**	10		
108-86-1	Bromobenzene	ND	50		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-41A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-010
Matrix:	WATER	**Lab WorkOrder:**	J1FA02AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 10:32
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 13:56
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		
75-27-4	Bromodichloromethane	ND	10		
75-25-2	Bromoform	ND	50		
74-83-9	Bromomethane	ND	50		
75-15-0	Carbon disulfide	ND	50		
56-23-5	Carbon tetrachloride	ND	20		
108-90-7	Chlorobenzene	ND	10		
124-48-1	Chlorodibromomethane	ND	20		
75-00-3	Chloroethane	ND	50		
67-66-3	Chloroform	ND	20		
74-87-3	Chloromethane	ND	50		
156-59-2	cis-1,2-Dichloroethene	ND	20		
10061-01-5	cis-1,3-Dichloropropene	ND	20		
74-95-3	Dibromomethane	ND	20		
75-71-8	Dichlorodifluoromethane	ND	50		
100-41-4	Ethylbenzene	**38**	20		
87-68-3	Hexachlorobutadiene	ND	50		
74-88-4	Iodomethane	ND	100		
98-82-8	Isopropylbenzene	ND	20		
1634-04-4	Methyl tert-butyl ether	ND	50		
75-09-2	Methylene chloride	ND	50		
91-20-3	Naphthalene	**160**	20		
104-51-8	n-Butylbenzene	ND	50		
103-65-1	n-Propylbenzene	ND	20		
99-87-6	p-Isopropyltoluene	ND	20		
135-98-8	sec-Butylbenzene	ND	50		
100-42-5	Styrene	ND	20		
98-06-6	tert-Butylbenzene	ND	50		
127-18-4	Tetrachloroethene	ND	10		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-41A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-010
Matrix:	WATER	**Lab WorkOrder:**	J1FA02AA
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 10:32
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 13:56
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		
156-60-5	trans-1,2-Dichloroethene	ND	20		
10061-02-6	trans-1,3-Dichloropropene	ND	20		
79-01-6	Trichloroethene	ND	10		
75-69-4	Trichlorofluoromethane	ND	50		
108-05-4	Vinyl acetate	ND	250		
75-01-4	Vinyl chloride	ND	10		
1330-20-7	Xylenes (total)	ND	100		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	91	70	127		
2037-26-5	Toluene-d8	105	83	125		
1868-53-7	Dibromofluoromethane	98	77	119		
460-00-4	4-Bromofluorobenzene	103	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	TB-061907
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-011
Matrix:	WATER	**Lab WorkOrder:**	J1FA11AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 04:10
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 13:37
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	TB-061907
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-011
Matrix:	WATER	**Lab WorkOrder:**	J1FA11AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 04:10
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 13:37
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		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	TB-061907
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-011
Matrix:	WATER	**Lab WorkOrder:**	J1FA11AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 04:10
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 13:37
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	91	70	127		
2037-26-5	Toluene-d8	105	83	125		
1868-53-7	Dibromofluoromethane	100	77	119		
460-00-4	4-Bromofluorobenzene	99	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-52A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-016
Matrix:	WATER	**Lab WorkOrder:**	J1FCL2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 07:50
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 14:14
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		
71-55-6	1,1,1-Trichloroethane	ND	10		
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	10		
75-35-4	1,1-Dichloroethene	ND	10		
563-58-6	1,1-Dichloropropene	ND	10		
87-61-6	1,2,3-Trichlorobenzene	ND	25		
96-18-4	1,2,3-Trichloropropane	ND	50		
120-82-1	1,2,4-Trichlorobenzene	ND	25		
95-63-6	1,2,4-Trimethylbenzene	**22**	10		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	25		
106-93-4	1,2-Dibromoethane (EDB)	ND	10		
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	10		
108-67-8	1,3,5-Trimethylbenzene	ND	10		
541-73-1	1,3-Dichlorobenzene	ND	5.0		
142-28-9	1,3-Dichloropropane	ND	10		
106-46-7	1,4-Dichlorobenzene	ND	5.0		
594-20-7	2,2-Dichloropropane	ND	10		
78-93-3	2-Butanone (MEK)	ND	50		
95-49-8	2-Chlorotoluene	ND	25		
591-78-6	2-Hexanone	ND	50		
106-43-4	4-Chlorotoluene	ND	25		
108-10-1	4-Methyl-2-pentanone	ND	50		
67-64-1	Acetone	ND	100		
71-43-2	Benzene	**190**	5.0		
108-86-1	Bromobenzene	ND	25		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-52A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-016
Matrix:	WATER	**Lab WorkOrder:**	J1FCL2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 07:50
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 14:14
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		
75-27-4	Bromodichloromethane	ND	5.0		
75-25-2	Bromoform	ND	25		
74-83-9	Bromomethane	ND	25		
75-15-0	Carbon disulfide	ND	25		
56-23-5	Carbon tetrachloride	ND	10		
108-90-7	Chlorobenzene	ND	5.0		
124-48-1	Chlorodibromomethane	ND	10		
75-00-3	Chloroethane	ND	25		
67-66-3	Chloroform	ND	10		
74-87-3	Chloromethane	ND	25		
156-59-2	cis-1,2-Dichloroethene	ND	10		
10061-01-5	cis-1,3-Dichloropropene	ND	10		
74-95-3	Dibromomethane	ND	10		
75-71-8	Dichlorodifluoromethane	ND	25		
100-41-4	Ethylbenzene	**34**	10		
87-68-3	Hexachlorobutadiene	ND	25		
74-88-4	Iodomethane	ND	50		
98-82-8	Isopropylbenzene	ND	10		
1634-04-4	Methyl tert-butyl ether	**46**	25		
75-09-2	Methylene chloride	ND	25		
91-20-3	Naphthalene	**33**	10		
104-51-8	n-Butylbenzene	ND	25		
103-65-1	n-Propylbenzene	ND	10		
99-87-6	p-Isopropyltoluene	ND	10		
135-98-8	sec-Butylbenzene	ND	25		
100-42-5	Styrene	ND	10		
98-06-6	tert-Butylbenzene	ND	25		
127-18-4	Tetrachloroethene	ND	5.0		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-52A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-016
Matrix:	WATER	**Lab WorkOrder:**	J1FCL2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 07:50
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 14:14
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		
156-60-5	trans-1,2-Dichloroethene	ND	10		
10061-02-6	trans-1,3-Dichloropropene	ND	10		
79-01-6	Trichloroethene	**7.7**	5.0		
75-69-4	Trichlorofluoromethane	ND	25		
108-05-4	Vinyl acetate	ND	120		
75-01-4	Vinyl chloride	ND	5.0		
1330-20-7	Xylenes (total)	ND	50		

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	100	83	125		
1868-53-7	Dibromofluoromethane	95	77	119		
460-00-4	4-Bromofluorobenzene	98	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-51A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-017
Matrix:	WATER	**Lab WorkOrder:**	J1FCM2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 08:28
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 14:33
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		
71-55-6	1,1,1-Trichloroethane	ND	40		
79-34-5	1,1,2,2-Tetrachloroethane	ND	20		
79-00-5	1,1,2-Trichloroethane	ND	20		
75-34-3	1,1-Dichloroethane	ND	40		
75-35-4	1,1-Dichloroethene	ND	40		
563-58-6	1,1-Dichloropropene	ND	40		
87-61-6	1,2,3-Trichlorobenzene	ND	100		
96-18-4	1,2,3-Trichloropropane	ND	200		
120-82-1	1,2,4-Trichlorobenzene	ND	100		
95-63-6	1,2,4-Trimethylbenzene	**62**	40		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	100		
106-93-4	1,2-Dibromoethane (EDB)	ND	40		
95-50-1	1,2-Dichlorobenzene	ND	20		
107-06-2	1,2-Dichloroethane	ND	20		
78-87-5	1,2-Dichloropropane	ND	40		
108-67-8	1,3,5-Trimethylbenzene	ND	40		
541-73-1	1,3-Dichlorobenzene	ND	20		
142-28-9	1,3-Dichloropropane	ND	40		
106-46-7	1,4-Dichlorobenzene	ND	20		
594-20-7	2,2-Dichloropropane	ND	40		
78-93-3	2-Butanone (MEK)	ND	200		
95-49-8	2-Chlorotoluene	ND	100		
591-78-6	2-Hexanone	ND	200		
106-43-4	4-Chlorotoluene	ND	100		
108-10-1	4-Methyl-2-pentanone	ND	200		
67-64-1	Acetone	ND	400		
71-43-2	Benzene	**110**	20		
108-86-1	Bromobenzene	ND	100		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-51A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-017
Matrix:	WATER	**Lab WorkOrder:**	J1FCM2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 08:28
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 14:33
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		
75-27-4	Bromodichloromethane	ND	20		
75-25-2	Bromoform	ND	100		
74-83-9	Bromomethane	ND	100		
75-15-0	Carbon disulfide	ND	100		
56-23-5	Carbon tetrachloride	ND	40		
108-90-7	Chlorobenzene	ND	20		
124-48-1	Chlorodibromomethane	ND	40		
75-00-3	Chloroethane	ND	100		
67-66-3	Chloroform	ND	40		
74-87-3	Chloromethane	ND	100		
156-59-2	cis-1,2-Dichloroethene	ND	40		
10061-01-5	cis-1,3-Dichloropropene	ND	40		
74-95-3	Dibromomethane	ND	40		
75-71-8	Dichlorodifluoromethane	ND	100		
100-41-4	Ethylbenzene	**110**	40		
87-68-3	Hexachlorobutadiene	ND	100		
74-88-4	Iodomethane	ND	200		
98-82-8	Isopropylbenzene	ND	40		
1634-04-4	Methyl tert-butyl ether	ND	100		
75-09-2	Methylene chloride	ND	100		
91-20-3	Naphthalene	**280**	40		
104-51-8	n-Butylbenzene	ND	100		
103-65-1	n-Propylbenzene	ND	40		
99-87-6	p-Isopropyltoluene	ND	40		
135-98-8	sec-Butylbenzene	ND	100		
100-42-5	Styrene	ND	40		
98-06-6	tert-Butylbenzene	ND	100		
127-18-4	Tetrachloroethene	ND	20		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-51A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-017
Matrix:	WATER	**Lab WorkOrder:**	J1FCM2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 08:28
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 14:33
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		
156-60-5	trans-1,2-Dichloroethene	ND	40		
10061-02-6	trans-1,3-Dichloropropene	ND	40		
79-01-6	Trichloroethene	ND	20		
75-69-4	Trichlorofluoromethane	ND	100		
108-05-4	Vinyl acetate	ND	500		
75-01-4	Vinyl chloride	ND	20		
1330-20-7	Xylenes (total)	ND	200		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	95	70	127		
2037-26-5	Toluene-d8	102	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:	TESTAMERICA DENVER	**Client Sample ID:**	PL-507-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-018
Matrix:	WATER	**Lab WorkOrder:**	J1FCP2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 08:40
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 14:51
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		
71-55-6	1,1,1-Trichloroethane	ND	40		
79-34-5	1,1,2,2-Tetrachloroethane	ND	20		
79-00-5	1,1,2-Trichloroethane	ND	20		
75-34-3	1,1-Dichloroethane	ND	40		
75-35-4	1,1-Dichloroethene	ND	40		
563-58-6	1,1-Dichloropropene	ND	40		
87-61-6	1,2,3-Trichlorobenzene	ND	100		
96-18-4	1,2,3-Trichloropropane	ND	200		
120-82-1	1,2,4-Trichlorobenzene	ND	100		
95-63-6	1,2,4-Trimethylbenzene	**58**	40		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	100		
106-93-4	1,2-Dibromoethane (EDB)	ND	40		
95-50-1	1,2-Dichlorobenzene	ND	20		
107-06-2	1,2-Dichloroethane	ND	20		
78-87-5	1,2-Dichloropropane	ND	40		
108-67-8	1,3,5-Trimethylbenzene	ND	40		
541-73-1	1,3-Dichlorobenzene	ND	20		
142-28-9	1,3-Dichloropropane	ND	40		
106-46-7	1,4-Dichlorobenzene	ND	20		
594-20-7	2,2-Dichloropropane	ND	40		
78-93-3	2-Butanone (MEK)	ND	200		
95-49-8	2-Chlorotoluene	ND	100		
591-78-6	2-Hexanone	ND	200		
106-43-4	4-Chlorotoluene	ND	100		
108-10-1	4-Methyl-2-pentanone	ND	200		
67-64-1	Acetone	ND	400		
71-43-2	Benzene	**110**	20		
108-86-1	Bromobenzene	ND	100		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-507-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-018
Matrix:	WATER	**Lab WorkOrder:**	J1FCP2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 08:40
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 14:51
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		
75-27-4	Bromodichloromethane	ND	20		
75-25-2	Bromoform	ND	100		
74-83-9	Bromomethane	ND	100		
75-15-0	Carbon disulfide	ND	100		
56-23-5	Carbon tetrachloride	ND	40		
108-90-7	Chlorobenzene	ND	20		
124-48-1	Chlorodibromomethane	ND	40		
75-00-3	Chloroethane	ND	100		
67-66-3	Chloroform	ND	40		
74-87-3	Chloromethane	ND	100		
156-59-2	cis-1,2-Dichloroethene	ND	40		
10061-01-5	cis-1,3-Dichloropropene	ND	40		
74-95-3	Dibromomethane	ND	40		
75-71-8	Dichlorodifluoromethane	ND	100		
100-41-4	Ethylbenzene	**110**	40		
87-68-3	Hexachlorobutadiene	ND	100		
74-88-4	Iodomethane	ND	200		
98-82-8	Isopropylbenzene	ND	40		
1634-04-4	Methyl tert-butyl ether	ND	100		
75-09-2	Methylene chloride	ND	100		
91-20-3	Naphthalene	**280**	40		
104-51-8	n-Butylbenzene	ND	100		
103-65-1	n-Propylbenzene	ND	40		
99-87-6	p-Isopropyltoluene	ND	40		
135-98-8	sec-Butylbenzene	ND	100		
100-42-5	Styrene	ND	40		
98-06-6	tert-Butylbenzene	ND	100		
127-18-4	Tetrachloroethene	ND	20		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-507-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-018
Matrix:	WATER	**Lab WorkOrder:**	J1FCP2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 08:40
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 14:51
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		
156-60-5	trans-1,2-Dichloroethene	ND	40		
10061-02-6	trans-1,3-Dichloropropene	ND	40		
79-01-6	Trichloroethene	ND	20		
75-69-4	Trichlorofluoromethane	ND	100		
108-05-4	Vinyl acetate	ND	500		
75-01-4	Vinyl chloride	ND	20		
1330-20-7	Xylenes (total)	ND	200		

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	100	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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-56A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-019
Matrix:	WATER	**Lab WorkOrder:**	J1FCT2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 09:23
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 15:10
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		
71-55-6	1,1,1-Trichloroethane	ND	40		
79-34-5	1,1,2,2-Tetrachloroethane	ND	20		
79-00-5	1,1,2-Trichloroethane	ND	20		
75-34-3	1,1-Dichloroethane	**67**	40		
75-35-4	1,1-Dichloroethene	ND	40		
563-58-6	1,1-Dichloropropene	ND	40		
87-61-6	1,2,3-Trichlorobenzene	ND	100		
96-18-4	1,2,3-Trichloropropane	ND	200		
120-82-1	1,2,4-Trichlorobenzene	ND	100		
95-63-6	1,2,4-Trimethylbenzene	**48**	40		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	100		
106-93-4	1,2-Dibromoethane (EDB)	ND	40		
95-50-1	1,2-Dichlorobenzene	ND	20		
107-06-2	1,2-Dichloroethane	ND	20		
78-87-5	1,2-Dichloropropane	ND	40		
108-67-8	1,3,5-Trimethylbenzene	ND	40		
541-73-1	1,3-Dichlorobenzene	ND	20		
142-28-9	1,3-Dichloropropane	ND	40		
106-46-7	1,4-Dichlorobenzene	ND	20		
594-20-7	2,2-Dichloropropane	ND	40		
78-93-3	2-Butanone (MEK)	ND	200		
95-49-8	2-Chlorotoluene	ND	100		
591-78-6	2-Hexanone	ND	200		
106-43-4	4-Chlorotoluene	ND	100		
108-10-1	4-Methyl-2-pentanone	ND	200		
67-64-1	Acetone	ND	400		
71-43-2	Benzene	**530**	20		
108-86-1	Bromobenzene	ND	100		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-56A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-019
Matrix:	WATER	**Lab WorkOrder:**	J1FCT2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 09:23
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 15:10
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		
75-27-4	Bromodichloromethane	ND	20		
75-25-2	Bromoform	ND	100		
74-83-9	Bromomethane	ND	100		
75-15-0	Carbon disulfide	ND	100		
56-23-5	Carbon tetrachloride	ND	40		
108-90-7	Chlorobenzene	ND	20		
124-48-1	Chlorodibromomethane	ND	40		
75-00-3	Chloroethane	ND	100		
67-66-3	Chloroform	ND	40		
74-87-3	Chloromethane	ND	100		
156-59-2	cis-1,2-Dichloroethene	ND	40		
10061-01-5	cis-1,3-Dichloropropene	ND	40		
74-95-3	Dibromomethane	ND	40		
75-71-8	Dichlorodifluoromethane	ND	100		
100-41-4	Ethylbenzene	**41**	40		
87-68-3	Hexachlorobutadiene	ND	100		
74-88-4	Iodomethane	ND	200		
98-82-8	Isopropylbenzene	**43**	40		
1634-04-4	Methyl tert-butyl ether	ND	100		
75-09-2	Methylene chloride	ND	100		
91-20-3	Naphthalene	**270**	40		
104-51-8	n-Butylbenzene	ND	100		
103-65-1	n-Propylbenzene	**53**	40		
99-87-6	p-Isopropyltoluene	ND	40		
135-98-8	sec-Butylbenzene	ND	100		
100-42-5	Styrene	ND	40		
98-06-6	tert-Butylbenzene	ND	100		
127-18-4	Tetrachloroethene	ND	20		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-56A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-019
Matrix:	WATER	**Lab WorkOrder:**	J1FCT2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 09:23
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 15:10
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		
156-60-5	trans-1,2-Dichloroethene	ND	40		
10061-02-6	trans-1,3-Dichloropropene	ND	40		
79-01-6	Trichloroethene	ND	20		
75-69-4	Trichlorofluoromethane	ND	100		
108-05-4	Vinyl acetate	ND	500		
75-01-4	Vinyl chloride	ND	20		
1330-20-7	Xylenes (total)	ND	200		

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	100	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:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-57A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-020
Matrix:	WATER	**Lab WorkOrder:**	J1FCV2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 10:51
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 15:29
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		
71-55-6	1,1,1-Trichloroethane	ND	40		
79-34-5	1,1,2,2-Tetrachloroethane	ND	20		
79-00-5	1,1,2-Trichloroethane	ND	20		
75-34-3	1,1-Dichloroethane	ND	40		
75-35-4	1,1-Dichloroethene	ND	40		
563-58-6	1,1-Dichloropropene	ND	40		
87-61-6	1,2,3-Trichlorobenzene	ND	100		
96-18-4	1,2,3-Trichloropropane	ND	200		
120-82-1	1,2,4-Trichlorobenzene	ND	100		
95-63-6	1,2,4-Trimethylbenzene	ND	40		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	100		
106-93-4	1,2-Dibromoethane (EDB)	ND	40		
95-50-1	1,2-Dichlorobenzene	ND	20		
107-06-2	1,2-Dichloroethane	ND	20		
78-87-5	1,2-Dichloropropane	ND	40		
108-67-8	1,3,5-Trimethylbenzene	ND	40		
541-73-1	1,3-Dichlorobenzene	ND	20		
142-28-9	1,3-Dichloropropane	ND	40		
106-46-7	1,4-Dichlorobenzene	ND	20		
594-20-7	2,2-Dichloropropane	ND	40		
78-93-3	2-Butanone (MEK)	ND	200		
95-49-8	2-Chlorotoluene	ND	100		
591-78-6	2-Hexanone	ND	200		
106-43-4	4-Chlorotoluene	ND	100		
108-10-1	4-Methyl-2-pentanone	ND	200		
67-64-1	Acetone	ND	400		
71-43-2	Benzene	**450**	20		
108-86-1	Bromobenzene	ND	100		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-57A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-020
Matrix:	WATER	**Lab WorkOrder:**	J1FCV2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 10:51
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 15:29
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		
75-27-4	Bromodichloromethane	ND	20		
75-25-2	Bromoform	ND	100		
74-83-9	Bromomethane	ND	100		
75-15-0	Carbon disulfide	ND	100		
56-23-5	Carbon tetrachloride	ND	40		
108-90-7	Chlorobenzene	ND	20		
124-48-1	Chlorodibromomethane	ND	40		
75-00-3	Chloroethane	ND	100		
67-66-3	Chloroform	ND	40		
74-87-3	Chloromethane	ND	100		
156-59-2	cis-1,2-Dichloroethene	ND	40		
10061-01-5	cis-1,3-Dichloropropene	ND	40		
74-95-3	Dibromomethane	ND	40		
75-71-8	Dichlorodifluoromethane	ND	100		
100-41-4	Ethylbenzene	ND	40		
87-68-3	Hexachlorobutadiene	ND	100		
74-88-4	Iodomethane	ND	200		
98-82-8	Isopropylbenzene	**48**	40		
1634-04-4	Methyl tert-butyl ether	**180**	100		
75-09-2	Methylene chloride	ND	100		
91-20-3	Naphthalene	**420**	40		
104-51-8	n-Butylbenzene	ND	100		
103-65-1	n-Propylbenzene	**53**	40		
99-87-6	p-Isopropyltoluene	ND	40		
135-98-8	sec-Butylbenzene	ND	100		
100-42-5	Styrene	ND	40		
98-06-6	tert-Butylbenzene	ND	100		
127-18-4	Tetrachloroethene	ND	20		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-57A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-020
Matrix:	WATER	**Lab WorkOrder:**	J1FCV2AA
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 10:51
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 15:29
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		
156-60-5	trans-1,2-Dichloroethene	ND	40		
10061-02-6	trans-1,3-Dichloropropene	ND	40		
79-01-6	Trichloroethene	ND	20		
75-69-4	Trichlorofluoromethane	ND	100		
108-05-4	Vinyl acetate	ND	500		
75-01-4	Vinyl chloride	ND	20		
1330-20-7	Xylenes (total)	ND	200		

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	101	83	125		
1868-53-7	Dibromofluoromethane	96	77	119		
460-00-4	4-Bromofluorobenzene	98	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7G020000-257B
Matrix:	WATER	**Lab WorkOrder:**	J17521AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 07:52
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:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7G020000-257B
Matrix:	WATER	**Lab WorkOrder:**	J17521AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 07:52
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:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7G020000-257B
Matrix:	WATER	**Lab WorkOrder:**	J17521AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 07:52
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	102	83	125	
1868-53-7	Dibromofluoromethane	95	77	119	
460-00-4	4-Bromofluorobenzene	98	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: TESTAMERICA DENVER **Extraction** I25QK9H

Lot/SDG Number: D7F200363 **QC Batch ID:** 7183257

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
INTRA-LAB BLANK	J17521AA	90	98	95	102					0
CHECK SAMPLE	J17521AC	89	95	95	101					0
ASE-41A-7B1	J1FA02AA	91	103	98	105					0
TB-061907	J1FA11AA	91	99	100	105					0
ASE-52A-7B1	J1FCL2AA	93	98	95	100					0
ASE-51A-7B1	J1FCM2AA	95	100	97	102					0
PL-507-7B1	J1FCP2AA	96	99	98	100					0
ASE-56A-7B1	J1FCT2AA	93	95	96	100					0
ASE-57A-7B1	J1FCV2AA	94	98	96	101					0
LAB MS/MSD MS	J1HNV1AK	88	97	95	102					0
LAB MS/MSD MSD	J1HNV1AL	90	99	93	102					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:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7G020000-257C
Matrix:	WATER	**Lab WorkOrder:**	J17521AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 07:15
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	5.13	103		72 - 117
Acetone	10.0	9.23	92		48 - 130
Ethylbenzene	5.00	4.96	99		78 - 118
Trichlorofluoromethane	5.00	5.09	102		63 - 135
Hexachlorobutadiene	5.00	5.64	113		73 - 123
2-Hexanone	10.0	8.34	83		57 - 121
Isopropylbenzene	5.00	4.64	93		71 - 111
p-Isopropyltoluene	5.00	5.20	104		76 - 113
Methylene chloride	5.00	4.37	87		71 - 119
4-Methyl-2-pentanone	10.0	8.76	88		65 - 118
Naphthalene	5.00	5.26	105		62 - 121
Benzene	5.00	5.37	107		77 - 118
n-Propylbenzene	5.00	5.60	112		76 - 116
Styrene	5.00	5.08	102		77 - 117
1,1,1,2-Tetrachloroethane	5.00	5.07	101		77 - 117
1,1,2,2-Tetrachloroethane	5.00	4.90	98		73 - 119
Tetrachloroethene	5.00	4.99	100		77 - 117
Toluene	5.00	5.08	102		73 - 120
1,2,3-Trichlorobenzene	5.00	4.80	96		66 - 123
1,2,4-Trichlorobenzene	5.00	5.07	101		73 - 121
1,1,1-Trichloroethane	5.00	5.20	104		78 - 118
1,1,2-Trichloroethane	5.00	4.90	98		76 - 116
Trichloroethene	5.00	5.41	108		78 - 122
1,2,3-Trichloropropane	5.00	4.70	94		72 - 120
1,2,4-Trimethylbenzene	5.00	5.19	104		77 - 117
1,3,5-Trimethylbenzene	5.00	5.08	102		77 - 117
Vinyl acetate	5.00	4.28	86		63 - 124
Vinyl chloride	5.00	5.07	101		49 - 136
Xylenes (total)	15.0	15.0	100		77 - 117

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7G020000-257C
Matrix:	WATER	**Lab WorkOrder:**	J17521AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 07:15
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Methyl tert-butyl ether	10.0	9.78	98		58 - 116
Bromobenzene	5.00	5.15	103		75 - 115
Bromochloromethane	5.00	5.07	101		78 - 118
Bromodichloromethane	5.00	4.73	95		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	5.00	100		65 - 117
1,2-Dibromoethane (EDB)	5.00	4.64	93		77 - 117
2-Butanone (MEK)	10.0	9.57	96		57 - 120
Bromoform	5.00	4.59	92		74 - 121
Bromomethane	5.00	4.80	96		42 - 154
n-Butylbenzene	5.00	5.21	104		76 - 117
sec-Butylbenzene	5.00	5.79	116		80 - 120
tert-Butylbenzene	5.00	5.36	107		76 - 116
Carbon disulfide	5.00	4.07	81		56 - 104
Carbon tetrachloride	5.00	5.11	102		80 - 120
Chlorobenzene	5.00	4.91	98		78 - 118
Chlorodibromomethane	5.00	4.87	97		76 - 116
Chloroethane	5.00	4.84	97		51 - 133
Chloroform	5.00	4.90	98		78 - 118
Chloromethane	5.00	5.09	102		46 - 142
2-Chlorotoluene	5.00	5.51	110		76 - 116
4-Chlorotoluene	5.00	5.28	106		78 - 118
Dibromomethane	5.00	4.76	95		77 - 117
1,2-Dichlorobenzene	5.00	5.03	101		76 - 116
1,3-Dichlorobenzene	5.00	5.16	103		75 - 115
1,4-Dichlorobenzene	5.00	5.09	102		77 - 117
Dichlorodifluoromethane	5.00	5.17	103		56 - 140
1,1-Dichloroethane	5.00	5.35	107		77 - 117
1,2-Dichloroethane	5.00	4.94	99		74 - 120
1,1-Dichloroethene	5.00	5.68	114		68 - 133

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7G020000-257C
Matrix:	WATER	**Lab WorkOrder:**	J17521AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 07:15
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
cis-1,2-Dichloroethene	5.00	4.98	100		75 - 115
trans-1,2-Dichloroethene	5.00	5.40	108		80 - 120
1,2-Dichloropropane	5.00	5.01	100		76 - 116
1,3-Dichloropropane	5.00	4.72	94		75 - 115
2,2-Dichloropropane	5.00	5.86	117		72 - 128
1,1-Dichloropropene	5.00	5.30	106		75 - 115
cis-1,3-Dichloropropene	5.00	5.23	105		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	89	70	127	
2037-26-5	Toluene-d8	101	83	125	
1868-53-7	Dibromofluoromethane	95	77	119	
460-00-4	4-Bromofluorobenzene	95	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7F200363	**MS Lab Sample ID:**	D7F210295-005S
Matrix:	WATER	**MS Lab WorkOrder:**	J1HNV1AK
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 12:04
MS Sample Aliquot:	0.15 mL	**Instrument ID:**	R2
MS Dilution Factor:	133.3		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	667	23		700	105	D2	77 - 117
1,1,1-Trichloroethane	667	21		695	104	D2	78 - 118
1,1,2,2-Tetrachloroethane	667	27		691	104	D2	73 - 119
1,1,2-Trichloroethane	667	43		727	109	D2	76 - 116
1,1-Dichloroethane	667	21		699	105	D2	77 - 117
1,1-Dichloroethene	667	19		737	111	D2	68 - 133
1,1-Dichloropropene	667	20		706	106	D2	75 - 115
1,2,3-Trichlorobenzene	667	24		619	88	D2	66 - 123
1,2,3-Trichloropropane	667	36		655	98	D2	72 - 120
1,2,4-Trichlorobenzene	667	43		648	97	D2	73 - 121
1,2,4-Trimethylbenzene	667	19		692	104	D2	77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	667	200		701	105	D2	65 - 117
1,2-Dibromoethane (EDB)	667	24		667	100	D2	77 - 117
1,2-Dichlorobenzene	667	17		672	101	D2	76 - 116
1,2-Dichloroethane	667	17		861	129	M1D2	74 - 120
1,2-Dichloropropane	667	17		714	107	D2	76 - 116
1,3,5-Trimethylbenzene	667	19		689	103	D2	77 - 117
1,3-Dichlorobenzene	667	21		677	102	D2	75 - 115
1,3-Dichloropropane	667	20		660	99	D2	75 - 115
1,4-Dichlorobenzene	667	21		674	101	D2	77 - 117
2,2-Dichloropropane	667	27		791	119	D2	72 - 128
2-Butanone (MEK)	1330	240		1810	136	M1D2	57 - 120
2-Chlorotoluene	667	23		743	111	D2	76 - 116
2-Hexanone	1330	190		1180	89	D2	57 - 121
4-Chlorotoluene	667	23		681	102	D2	78 - 118
4-Methyl-2-pentanone	1330	65		1170	88	D2	65 - 118
Acetone	1330	250		1090	82	D2	48 - 130
Benzene	667	3700		4390	103	D2	77 - 118
Bromobenzene	667	23		696	104	D2	75 - 115
Bromochloromethane	667	13		667	100	D2	78 - 118

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7F200363	**MS Lab Sample ID:**	D7F210295-005S
Matrix:	WATER	**MS Lab WorkOrder:**	J1HNV1AK
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 12:04
MS Sample Aliquot:	0.15 mL	**Instrument ID:**	R2
MS Dilution Factor:	133.3		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Bromodichloromethane	667	23		655	98	D2	78 - 118
Bromoform	667	25		671	101	D2	74 - 121
Bromomethane	667	28		574	86	D2	42 - 154
Carbon disulfide	667	60		507	76	D2	56 - 104
Carbon tetrachloride	667	25		692	104	D2	80 - 120
Chlorobenzene	667	23		670	101	D2	78 - 118
Chlorodibromomethane	667	23		651	98	D2	76 - 116
Chloroethane	667	55		590	88	D2	51 - 133
Chloroform	667	21		666	100	D2	78 - 118
Chloromethane	667	40		602	90	D2	46 - 142
cis-1,2-Dichloroethene	667	20		691	104	D2	75 - 115
cis-1,3-Dichloropropene	667	21		707	106	D2	76 - 116
Dibromomethane	667	23		684	103	D2	77 - 117
Dichlorodifluoromethane	667	41		707	106	D2	56 - 140
Ethylbenzene	667	720		1440	108	D2	78 - 118
Hexachlorobutadiene	667	16		700	105	D2	73 - 123
Isopropylbenzene	667	25		695	95	D2	71 - 111
Methyl tert-butyl ether	1330	33		1670	103	D2	58 - 116
Methylene chloride	667	43		607	91	D2	71 - 119
n-Butylbenzene	667	19		664	100	D2	76 - 117
n-Propylbenzene	667	21		737	104	D2	76 - 116
Naphthalene	667	29		750	83	D2	62 - 121
p-Isopropyltoluene	667	0.17		676	101	D2	76 - 113
sec-Butylbenzene	667	23		749	112	D2	80 - 120
Styrene	667	23		708	106	D2	77 - 117
tert-Butylbenzene	667	21		696	104	D2	76 - 116
Tetrachloroethene	667	27		682	102	D2	77 - 117
Toluene	667	23		704	106	D2	73 - 120
trans-1,2-Dichloroethene	667	20		731	110	D2	80 - 120
trans-1,3-Dichloropropene	667	25		709	106	D2	72 - 117

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7F200363	**MS Lab Sample ID:**	D7F210295-005S
Matrix:	WATER	**MS Lab WorkOrder:**	J1HNV1AK
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 12:04
MS Sample Aliquot:	0.15 mL	**Instrument ID:**	R2
MS Dilution Factor:	133.3		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Trichloroethene	667	21		690	103	D2	78 - 122
Trichlorofluoromethane	667	39		674	101	D2	63 - 135
Vinyl acetate	667	130		573	86	D2	63 - 124
Vinyl chloride	667	23		617	93	D2	49 - 136
Xylenes (total)	2000	25		2090	105	D2	77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	88	70	127	D2
460-00-4	4-Bromofluorobenzene	97	78	118	D2
1868-53-7	Dibromofluoromethane	95	77	119	D2
2037-26-5	Toluene-d8	102	83	125	D2

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7F200363	**MSD Lab Sample ID:**	D7F210295-005D
Matrix:	WATER	**MSD Lab WorkOrder:**	J1HNV1AL
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 12:23
MSD Sample Aliquot:	0.15 mL	**Instrument ID:**	R2
MSD Dilution Factor:	133.3		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	667	23		637	96	9.3	D2	77 - 117	20
1,1,1-Trichloroethane	667	21		609	91	13	D2	78 - 118	20
1,1,2,2-Tetrachloroethane	667	27		647	97	6.6	D2	73 - 119	20
1,1,2-Trichloroethane	667	43		698	105	4.1	D2	76 - 116	21
1,1-Dichloroethane	667	21		640	96	8.8	D2	77 - 117	21
1,1-Dichloroethene	667	19		656	98	12	D2	68 - 133	20
1,1-Dichloropropene	667	20		607	91	15	D2	75 - 115	21
1,2,3-Trichlorobenzene	667	24		619	88	0.080	D2	66 - 123	29
1,2,3-Trichloropropane	667	36		599	90	8.9	D2	72 - 120	23
1,2,4-Trichlorobenzene	667	43		638	96	1.5	D2	73 - 121	25
1,2,4-Trimethylbenzene	667	19		654	98	5.6	D2	77 - 117	20
1,2-Dibromo-3-chloroprop	667	200		645	97	8.3	D2	65 - 117	22
1,2-Dibromoethane (EDB)	667	24		613	92	8.4	D2	77 - 117	20
1,2-Dichlorobenzene	667	17		658	99	2.1	D2	76 - 116	20
1,2-Dichloroethane	667	17		809	121	6.2	M1D2	74 - 120	20
1,2-Dichloropropane	667	17		651	98	9.1	D2	76 - 116	20
1,3,5-Trimethylbenzene	667	19		642	96	7.0	D2	77 - 117	20
1,3-Dichlorobenzene	667	21		647	97	4.5	D2	75 - 115	20
1,3-Dichloropropane	667	20		631	95	4.5	D2	75 - 115	20
1,4-Dichlorobenzene	667	21		664	100	1.5	D2	77 - 117	23
2,2-Dichloropropane	667	27		670	101	16	D2	72 - 128	24
2-Butanone (MEK)	1330	240		1660	125	8.5	M1D2	57 - 120	32
2-Chlorotoluene	667	23		680	102	8.8	D2	76 - 116	20
2-Hexanone	1330	190		1060	80	11	D2	57 - 121	25
4-Chlorotoluene	667	23		657	99	3.6	D2	78 - 118	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7F200363	**MSD Lab Sample ID:**	D7F210295-005D
Matrix:	WATER	**MSD Lab WorkOrder:**	J1HNV1AL
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 12:23
MSD Sample Aliquot:	0.15 mL	**Instrument ID:**	R2
MSD Dilution Factor:	133.3		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
4-Methyl-2-pentanone	1330	65		1130	85	3.2	D2	65 - 118	22
Acetone	1330	250		1260	95	14	D2	48 - 130	41
Benzene	667	3700		4310	91	1.8	D2	77 - 118	20
Bromobenzene	667	23		674	101	3.3	D2	75 - 115	20
Bromochloromethane	667	13		638	96	4.5	D2	78 - 118	20
Bromodichloromethane	667	23		621	93	5.2	D2	78 - 118	20
Bromoform	667	25		620	93	8.0	D2	74 - 121	21
Bromomethane	667	28		646	97	12	D2	42 - 154	24
Carbon disulfide	667	60		529	79	4.3	D2	56 - 104	20
Carbon tetrachloride	667	25		593	89	15	D2	80 - 120	21
Chlorobenzene	667	23		631	95	6.1	D2	78 - 118	20
Chlorodibromomethane	667	23		631	95	3.1	D2	76 - 116	20
Chloroethane	667	55		650	97	9.7	D2	51 - 133	25
Chloroform	667	21		612	92	8.4	D2	78 - 118	20
Chloromethane	667	40		651	98	7.8	D2	46 - 142	24
cis-1,2-Dichloroethene	667	20		615	92	12	D2	75 - 115	20
cis-1,3-Dichloropropene	667	21		648	97	8.7	D2	76 - 116	20
Dibromomethane	667	23		656	98	4.2	D2	77 - 117	20
Dichlorodifluoromethane	667	41		714	107	0.97	D2	56 - 140	24
Ethylbenzene	667	720		1370	98	5.0	D2	78 - 118	26
Hexachlorobutadiene	667	16		692	104	1.2	D2	73 - 123	25
Isopropylbenzene	667	25		645	88	7.4	D2	71 - 111	20
Methyl tert-butyl ether	1330	33		1550	94	7.4	D2	58 - 116	21
Methylene chloride	667	43		569	85	6.4	D2	71 - 119	20
n-Butylbenzene	667	19		650	97	2.2	D2	76 - 117	21

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7F200363	**MSD Lab Sample ID:**	D7F210295-005D
Matrix:	WATER	**MSD Lab WorkOrder:**	J1HNV1AL
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 12:23
MSD Sample Aliquot:	0.15 mL	**Instrument ID:**	R2
MSD Dilution Factor:	133.3		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
n-Propylbenzene	667	21		701	98	5.0	D2	76 - 116	20
Naphthalene	667	29		765	85	1.9	D2	62 - 121	32
p-Isopropyltoluene	667	0.17		622	93	8.3	D2	76 - 113	20
sec-Butylbenzene	667	23		683	102	9.2	D2	80 - 120	21
Styrene	667	23		649	97	8.8	D2	77 - 117	20
tert-Butylbenzene	667	21		706	106	1.4	D2	76 - 116	21
Tetrachloroethene	667	27		611	92	11	D2	77 - 117	20
Toluene	667	23		631	95	11	D2	73 - 120	20
trans-1,2-Dichloroethene	667	20		638	96	13	D2	80 - 120	24
trans-1,3-Dichloropropene	667	25		676	101	4.8	D2	72 - 117	20
Trichloroethene	667	21		625	94	9.8	D2	78 - 122	20
Trichlorofluoromethane	667	39		695	104	3.1	D2	63 - 135	20
Vinyl acetate	667	130		570	86	0.55	D2	63 - 124	24
Vinyl chloride	667	23		672	101	8.4	D2	49 - 136	24
Xylenes (total)	2000	25		1910	95	9.2	D2	77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	90	70	127	D2
460-00-4	4-Bromofluorobenzene	99	78	118	D2
1868-53-7	Dibromofluoromethane	93	77	119	D2
2037-26-5	Toluene-d8	102	83	125	D2

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	TESTAMERICA DENVER	**Lab File ID:**	RR1090H.
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7G020000-257B
Matrix:	WATER	**Lab Work Order:**	J17521AA
Analysis Method:	8260B	**Date/Time Extracted:**	06/30/07 06:10
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	06/30/07 07:52
QC Batch ID:	7183257	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
CHECK SAMPLE	J17521AC C	RR1090H.	06/30/07	07:15
ASE-41A-7B1	J1FA02AA	RR1109.D	06/30/07	13:56
TB-061907	J1FA11AA	RR1108.D	06/30/07	13:37
ASE-52A-7B1	J1FCL2AA	RR1110.D	06/30/07	14:14
ASE-51A-7B1	J1FCM2AA	RR1111.D	06/30/07	14:33
PL-507-7B1	J1FCP2AA	RR1112.D	06/30/07	14:51
ASE-56A-7B1	J1FCT2AA	RR1113.D	06/30/07	15:10
ASE-57A-7B1	J1FCV2AA	RR1114.D	06/30/07	15:29
LAB MS/MSD MS	J1HNV1AK S	RR1103.D	06/30/07	12:04
LAB MS/MSD MSD	J1HNV1AL D	RR1104.D	06/30/07	12:23

STL

Semivolatile GC

Lot ID: D7F200363

Client: CH2M Hill

Method: SW846 8015B DRO

Associated Samples: -002 through -010, -012 through -020

Batch: 7172465

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-65A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-002
Matrix:	WATER	**Lab WorkOrder:**	J1E951AC
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 04:54
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/26/07 20:26
Sample Aliquot:	1025 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.054**	0.032	0.10		J B
Q2210	TPH C10-C32	**0.054**	0.032	0.10		J B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	69	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-62A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-003
Matrix:	WATER	**Lab WorkOrder:**	J1E971AC
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 05:40
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/26/07 21:03
Sample Aliquot:	959 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.054**	0.032	0.10		J B
Q2210	TPH C10-C32	**0.055**	0.032	0.10		J B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	72	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-506-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-004
Matrix:	WATER	**Lab WorkOrder:**	J1FAA1AC
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 05:50
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/26/07 21:40
Sample Aliquot:	1012 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.062**	0.032	0.10		J B
Q2210	TPH C10-C32	**0.065**	0.032	0.10		J B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

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

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-92A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-005
Matrix:	WATER	**Lab WorkOrder:**	J1FAF1AC
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 06:26
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/26/07 22:18
Sample Aliquot:	907 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.72**	0.032	0.10		B
Q2210	TPH C10-C32	**0.72**	0.032	0.10		B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	63	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-108A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-006
Matrix:	WATER	**Lab WorkOrder:**	J1FAK1AC
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 07:00
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/26/07 22:55
Sample Aliquot:	992 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.34**	0.032	0.10		B
Q2210	TPH C10-C32	**0.34**	0.032	0.10		B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	81	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-105A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-007
Matrix:	WATER	**Lab WorkOrder:**	J1FAN1AC
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 07:45
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/26/07 23:32
Sample Aliquot:	956 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.74**	0.032	0.10		B
Q2210	TPH C10-C32	**0.74**	0.032	0.10		B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	76	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-55A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-008
Matrix:	WATER	**Lab WorkOrder:**	J1FAV1AC
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 08:23
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/27/07 00:10
Sample Aliquot:	1027 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**4.0**	0.032	0.10		B
Q2210	TPH C10-C32	**4.0**	0.032	0.10		B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	77	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-91A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-009
Matrix:	WATER	**Lab WorkOrder:**	J1FAW1AC
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 09:09
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/27/07 00:47
Sample Aliquot:	911 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.98**	0.032	0.10		B
Q2210	TPH C10-C32	**0.98**	0.032	0.10		B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	67	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-41A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-010
Matrix:	WATER	**Lab WorkOrder:**	J1FA01AC
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 10:32
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/27/07 03:54
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)	**3.7**	0.032	0.10		B
Q2210	TPH C10-C32	**3.7**	0.032	0.10		B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	73	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-66A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-012
Matrix:	WATER	**Lab WorkOrder:**	J1FCA1AC
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 04:30
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/27/07 04:32
Sample Aliquot:	995 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.053**	0.032	0.10		J B
Q2210	TPH C10-C32	**0.054**	0.032	0.10		J B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	71	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-68A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-013
Matrix:	WATER	**Lab WorkOrder:**	J1FCE1AC
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 05:21
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/27/07 05:09
Sample Aliquot:	994 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.28**	0.032	0.10		B
Q2210	TPH C10-C32	**0.28**	0.032	0.10		B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	67	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-20A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-014
Matrix:	WATER	**Lab WorkOrder:**	J1FCG1AC
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 05:59
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/27/07 05:46
Sample Aliquot:	939 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.46**	0.032	0.10		B
Q2210	TPH C10-C32	**0.46**	0.032	0.10		B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	57	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-53A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-015
Matrix:	WATER	**Lab WorkOrder:**	J1FCH1AC
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 07:12
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/27/07 06:24
Sample Aliquot:	984 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.074**	0.032	0.10		J B
Q2210	TPH C10-C32	**0.075**	0.032	0.10		J B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	67	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-52A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-016
Matrix:	WATER	**Lab WorkOrder:**	J1FCL1AC
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 07:50
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/27/07 07:01
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)	**0.41**	0.032	0.10		B
Q2210	TPH C10-C32	**0.41**	0.032	0.10		B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	60	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-51A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-017
Matrix:	WATER	**Lab WorkOrder:**	J1FCM1AC
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 08:28
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/27/07 07:38
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)	**3.5**	0.032	0.10		B
Q2210	TPH C10-C32	**3.5**	0.032	0.10		B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	79	50	115		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-507-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-018
Matrix:	WATER	**Lab WorkOrder:**	J1FCP1AC
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 08:40
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/27/07 08:16
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)	**3.9**	0.032	0.10		B
Q2210	TPH C10-C32	**3.9**	0.032	0.10		B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	82	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-56A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-019
Matrix:	WATER	**Lab WorkOrder:**	J1FCT1AC
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 09:23
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/27/07 10:09
Sample Aliquot:	998 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**1.8**	0.032	0.10		B
Q2210	TPH C10-C32	**1.8**	0.032	0.10		B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	65	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-57A-7B1
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F200363-020
Matrix:	WATER	**Lab WorkOrder:**	J1FCV1AC
% Moisture:	N/A	**Date/Time Collected:**	06/19/07 10:51
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/27/07 10:47
Sample Aliquot:	977 mL	**Instrument:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**4.7**	0.032	0.10		B
Q2210	TPH C10-C32	**4.7**	0.032	0.10		B
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	103	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F210000-465B
Matrix:	WATER	**Lab WorkOrder:**	J1JG51AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15:45
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/26/07 19:11
Sample Aliquot:	1000 mL	**Instrument ID:**	U
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
Q1767	Diesel Range Organics (C10-C28)	**0.052**	0.032	0.10	
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20	
Q2210	TPH C10-C32	**0.056**	0.032	0.10	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	71	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: TESTAMERICA DENVER **Extraction** I09KI9H

Lot/SDG Number: D7F200363 **QC Batch ID:** 7172465

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-65A-7B1	J1E951AC	69								0
ASE-62A-7B1	J1E971AC	72								0
ASE-41A-7B1	J1FA01AC	73								0
PL-506-7B1	J1FAA1AC	84								0
ASE-92A-7B1	J1FAF1AC	63								0
ASE-108A-7B1	J1FAK1AC	81								0
PL-105A-7B1	J1FAN1AC	76								0
ASE-55A-7B1	J1FAV1AC	77								0
ASE-91A-7B1	J1FAW1AC	67								0
ASE-91A-7B1 MS	J1FAW1AF	68								0
ASE-91A-7B1 MSD	J1FAW1AG	70								0
ASE-66A-7B1	J1FCA1AC	71								0
ASE-68A-7B1	J1FCE1AC	67								0
ASE-20A-7B1	J1FCG1AC	57								0
ASE-53A-7B1	J1FCH1AC	67								0
ASE-52A-7B1	J1FCL1AC	60								0
ASE-51A-7B1	J1FCM1AC	79								0
PL-507-7B1	J1FCP1AC	82								0
ASE-56A-7B1	J1FCT1AC	65								0
ASE-57A-7B1	J1FCV1AC	103								0
INTRA-LAB BLANK	J1JG51AA	71								0
CHECK SAMPLE	J1JG51AC	58								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:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F210000-465C
Matrix:	WATER	**Lab WorkOrder:**	J1JG51AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15:45
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/26/07 19:49
Sample Aliquot:	1000 mL	**Instrument ID:**	U
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Diesel Range Organics (C10-C28)	2.00	1.43	72		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	58	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-91A-7B1
Lot/SDG Number:	D7F200363	**MS Lab Sample ID:**	D7F200363-009S
Matrix:	WATER	**MS Lab WorkOrder:**	J1FAW1AF
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 09:09
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15:45
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/27/07 02:40
MS Sample Aliquot:	966 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)	2.07	0.98		2.81	88		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	68	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-91A-7B1
Lot/SDG Number:	D7F200363	**MSD Lab Sample ID:**	D7F200363-009D
Matrix:	WATER	**MSD Lab WorkOrder:**	J1FAW1AG
% Moisture:	N/A	**Date/Time Collected:**	06/18/07 09:09
Basis:	Wet	**Date/Time Received:**	06/20/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 15:45
QC Batch ID:	7172465	**Date/Time Analyzed:**	06/27/07 03:17
MSD Sample Aliquot:	927 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	2.16	0.98		2.98	93	6.1		54 - 115	31

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	70	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	TESTAMERICA DENVER	**Lab File ID:**	054B5401.
Lot/SDG Number:	D7F200363	**Lab Sample ID:**	D7F210000-465B
Matrix:	WATER	**Lab Work Order:**	J1JG51AA
Analysis Method:	8015B	**Date/Time Extracted:**	06/21/07 15:45
Extraction Method:	I09KI9H	**Date/Time Analyzed:**	06/26/07 19:11
QC Batch ID:	7172465	**Instrument ID:**	U

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-65A-7B1	J1E951AC	054B5401.	06/26/07	20:26
ASE-62A-7B1	J1E971AC	055B5501.	06/26/07	21:03
ASE-41A-7B1	J1FA01AC	066B6601.	06/27/07	03:54
PL-506-7B1	J1FAA1AC	056B5601.	06/26/07	21:40
ASE-92A-7B1	J1FAF1AC	057B5701.	06/26/07	22:18
ASE-108A-7B1	J1FAK1AC	058B5801.	06/26/07	22:55
PL-105A-7B1	J1FAN1AC	059B5901.	06/26/07	23:32
ASE-55A-7B1	J1FAV1AC	060B6001.	06/27/07	00:10
ASE-91A-7B1	J1FAW1AC	061B6101.	06/27/07	00:47
ASE-91A-7B1 MS	J1FAW1AF S	064B6401.	06/27/07	02:40
ASE-91A-7B1 MSD	J1FAW1AG D	065B6501.	06/27/07	03:17
ASE-66A-7B1	J1FCA1AC	067B6701.	06/27/07	04:32
ASE-68A-7B1	J1FCE1AC	068B6801.	06/27/07	05:09
ASE-20A-7B1	J1FCG1AC	069B6901.	06/27/07	05:46
ASE-53A-7B1	J1FCH1AC	070B7001.	06/27/07	06:24
ASE-52A-7B1	J1FCL1AC	071B7101.	06/27/07	07:01
ASE-51A-7B1	J1FCM1AC	072B7201.	06/27/07	07:38
PL-507-7B1	J1FCP1AC	073B7301.	06/27/07	08:16
ASE-56A-7B1	J1FCT1AC	076B7601.	06/27/07	10:09
ASE-57A-7B1	J1FCV1AC	077B7701.	06/27/07	10:47
CHECK SAMPLE	J1JG51AC C	053B5301.	06/26/07	19:49

3.1°, 4.3°
6/20/07 IM

STL Denver

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

Chain Of Custody / Analysis Request

COC # : 37380_070618
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~~ Hall
Project Number: PO# 4745926
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-061807	Jun 18 2007	0430	BLKWATER	WATER	2 ~~3~~	X			X		X	
2	ASE-65A	ASE-65A-7B1	Jun 18 2007	0454	GW	WATER	5	X			X	X	X	
3	ASE-62A	ASE-62A-7B1	Jun 18 2007	0540	GW	WATER	5	X			X	X	X	
4	FIELDQC	PL-506-7B1	Jun 18 2007	0550	GW	WATER	5	X			X	X	X	
5	ASE-92A	ASE-92A-7B1	Jun 18 2007	0626	GW	WATER	5	X			X	X	X	
6	ASE-108A	ASE-108A-7B1	Jun 18 2007	0700	GW	WATER	5	X			X	X	X	
7	PL-105A	PL-105A-7B1	Jun 18 2007	0745	GW	WATER	5	X			X	X	X	
8	ASE-55A	ASE-55A-7B1	Jun 18 2007	0823	GW	WATER	5	X			X	X	X	
9	ASE-91A	ASE-91A-7B1	Jun 18 2007	0909	GW	WATER	1 ~~3~~	X	X		X	X	X	
10	ASE-41A	ASE-41A-7B1	Jun 18 2007	1032	GW	WATER	5	X			X	X	X	
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														

Special Instructions: 2nd Qtr UST GW Event. Standard 10 days TAT.
Invoice to Troy Meyer at Honeywell and invoice copy to Jennifer Holland CH2M HILL

Relinquished by:	Company:	Date/Time:	Received by:	Company:
	HA	06/19/07 1000		FED EX
Relinquished by:	Company:	Date/Time:	Received by:	Company:
		6-20-07 0830		STL
Relinquished by:	Company:	Date/Time:	Received by:	Company:

5.6°, 4.6°C 6/20/07 [illegible]

STL Denver

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

Chain Of Custody / Analysis Request

COC # : 37380_070619
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 ~~Wiens~~ HAY
Project Number: PO# 4745926
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	SW8260	Lab Sample Numbers
	Location ID	Field Sample ID												
1	Trip Blank	TB-061907	Jun 19 2007	0410	BLKWATER	WATER	2 ~~3~~	X			X		X	
2	ASE-66A	ASE-66A-7B1	Jun 19 2007	0430	GW	WATER	5	X			X	X	X	
3	ASE-68A	ASE-68A-7B1	Jun 19 2007	0521	GW	WATER	5	X			X	X	X	
4	ASE-20A	ASE-20A-7B1	Jun 19 2007	0559	GW	WATER	5	X			X	X	X	
~~5~~	~~ASE-19A~~	~~ASE-19A-7B1~~	~~Jun 19 2007~~	~~NIS~~	~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~	
~~6~~	~~ASE-67A~~	~~ASE-67A-7B1~~	~~Jun 19 2007~~	~~NIS~~	~~GW~~	~~WATER~~	~~5~~	~~X~~			~~X~~	~~X~~	~~X~~	
7	ASE-53A	ASE-53A-7B1	Jun 19 2007	0712	GW	WATER	5	X			X	X	X	
8	ASE-52A	ASE-52A-7B1	Jun 19 2007	0750	GW	WATER	5	X			X	X	X	
9	ASE-51A	ASE-51A-7B1	Jun 19 2007	0828	GW	WATER	5	X			X	X	X	
10	FIELDQC	PL-507-7B1	Jun 19 2007	0840	GW	WATER	5	X			X	X	X	
11	ASE-56A	ASE-56A-7B1	Jun 19 2007	0923	GW	WATER	5	X			X	X	X	
12	ASE-57A	ASE-57A-7B1	Jun 19 2007	1051	GW	WATER	5	X			X	X	X	
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														

Special Instructions: 2nd Qtr UST GW Event. Standard 10 days TAT.
Invoice to Troy Meyer at Honeywell and invoice copy to Jennifer Holland CH2M HILL

Relinquished by:	Company:	Date/Time:	Received by:	Company:
	HLA	06/19/07 14:00	--	Fed Ex
Relinquished by:	Company:	Date/Time:	Received by:	Company:
		6-20-07 0820		STL
Relinquished by:	Company:	Date/Time:	Received by:	Company:

STL Denver

Sample Receiving Checklist

Lot #: DTF200363 Date/Time Received: 6.20.07 0830

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: ~~73736~~

Time Zone:

• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): 4

Temperatures (°C): 3.1 5.6 4.3 4.6

N/A	*Yes*	*No*		*Initials*
☐	☑	☐	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	MC
	☑	☐	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 # D7F200363

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.	Were special archiving instructions indicated in the General Comments? If so, what were they?

Labeling and Storage Checks:

Initials OZ

☑	☐	☐	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?

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 #: D7F210295

Daniel Moore

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

STL DENVER

Karen Kuoppala
Project Manager

July 3, 2007

Case Narrative
Lot D7F210295

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
Eight samples and a trip blank were received at STL Denver on June 21, 2007. The samples were received in good condition at temperatures of 4.0°C and 5.8°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 D7F210295-002, -003, -004, -005, -006, -007, -008, and -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 7177031 exhibited a percent recovery above the QC limits for 1,3,5-Trimethylbenzene. 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 7177031 was performed on a sample from another lot and/or client and exhibited spike compound recoveries below the control limits for 2-Chloroethylvinylether and above control limits for 1,2,3-Trichloropropane. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines.

The MS/MSD associated with batch 7183257 was performed on sample D7F210295-005 and exhibited spike compound recoveries above the control limits for 2-Butanone and 1,2-Dichloroethane. 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

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 performed on sample D7F210295-005 and were in control.

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 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. MS/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, i.e., 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.

EXECUTIVE SUMMARY - Detection Highlights

D7F210295

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-111A-7B1 06/20/07 04:49 002				
Benzene	67 E	1.0	ug/L	SW846 8260B
Benzene	110	4.0	ug/L	SW846 8260B
Ethylbenzene	28	2.0	ug/L	SW846 8260B
Ethylbenzene	26	8.0	ug/L	SW846 8260B
Tetrachloroethene	2.2	1.0	ug/L	SW846 8260B
Trichloroethene	1.5	1.0	ug/L	SW846 8260B
Xylenes (total)	56	10	ug/L	SW846 8260B
Xylenes (total)	50	40	ug/L	SW846 8260B
Isopropylbenzene	3.8	2.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	16	2.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	14	8.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	3.6	2.0	ug/L	SW846 8260B
n-Propylbenzene	3.3	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	41	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	43	20	ug/L	SW846 8260B
Naphthalene	4.9	2.0	ug/L	SW846 8260B
PL-508-7B1 06/20/07 04:59 003				
Benzene	67 E	1.0	ug/L	SW846 8260B
Benzene	120	4.0	ug/L	SW846 8260B
Ethylbenzene	25	2.0	ug/L	SW846 8260B
Ethylbenzene	26	8.0	ug/L	SW846 8260B
Tetrachloroethene	1.9	1.0	ug/L	SW846 8260B
Trichloroethene	1.4	1.0	ug/L	SW846 8260B
Xylenes (total)	49	10	ug/L	SW846 8260B
Xylenes (total)	53	40	ug/L	SW846 8260B
Isopropylbenzene	3.6	2.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	12	2.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	17	8.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	3.3	2.0	ug/L	SW846 8260B
n-Propylbenzene	3.3	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	46	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	47	20	ug/L	SW846 8260B
Naphthalene	5.1	2.0	ug/L	SW846 8260B
ASE-64A-7B1 06/20/07 05:38 004				
TPH C10-C32	0.52	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.52	0.10	mg/L	SW846 8015B
Benzene	25	2.0	ug/L	SW846 8260B
Benzene	26	20	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7F210295

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-64A-7B1 06/20/07 05:38 004				
Ethylbenzene	180 E	4.0	ug/L	SW846 8260B
Ethylbenzene	180	40	ug/L	SW846 8260B
Xylenes (total)	130	20	ug/L	SW846 8260B
Isopropylbenzene	55	4.0	ug/L	SW846 8260B
Isopropylbenzene	51	40	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	30	4.0	ug/L	SW846 8260B
n-Propylbenzene	24	4.0	ug/L	SW846 8260B
Naphthalene	37	4.0	ug/L	SW846 8260B
Naphthalene	60	40	ug/L	SW846 8260B
ASE-63A-7B1 06/20/07 06:18 005				
TPH C10-C32	0.54	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.53	0.10	mg/L	SW846 8015B
Benzene	520 E	5.0	ug/L	SW846 8260B
Benzene	3700	130	ug/L	SW846 8260B
Ethylbenzene	700 E	10	ug/L	SW846 8260B
Ethylbenzene	720	270	ug/L	SW846 8260B
Isopropylbenzene	78	10	ug/L	SW846 8260B
n-Propylbenzene	57	10	ug/L	SW846 8260B
Methyl tert-butyl ether	370 E	25	ug/L	SW846 8260B
Naphthalene	150	10	ug/L	SW846 8260B
ASE-39A-7B1 06/20/07 07:11 006				
TPH C10-C32	0.18	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.18	0.10	mg/L	SW846 8015B
Benzene	190 E	2.7	ug/L	SW846 8260B
Benzene	490	27	ug/L	SW846 8260B
Ethylbenzene	120	5.3	ug/L	SW846 8260B
Ethylbenzene	110	53	ug/L	SW846 8260B
Isopropylbenzene	31	5.3	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	6.7	5.3	ug/L	SW846 8260B
n-Propylbenzene	16	5.3	ug/L	SW846 8260B
Methyl tert-butyl ether	360 E	13	ug/L	SW846 8260B
Methyl tert-butyl ether	380	130	ug/L	SW846 8260B
Naphthalene	36	5.3	ug/L	SW846 8260B
Naphthalene	57	53	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7F210295

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-38A-7B1 06/20/07 07:53 007				
TPH C10-C32	0.27	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.27	0.10	mg/L	SW846 8015B
Benzene	290 E	4.0	ug/L	SW846 8260B
Benzene	830	40	ug/L	SW846 8260B
Ethylbenzene	200	8.0	ug/L	SW846 8260B
Ethylbenzene	210	80	ug/L	SW846 8260B
Isopropylbenzene	24	8.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	15	8.0	ug/L	SW846 8260B
n-Propylbenzene	17	8.0	ug/L	SW846 8260B
Methyl tert-butyl ether	77	20	ug/L	SW846 8260B
Naphthalene	51	8.0	ug/L	SW846 8260B
ASE-116A-7B1 06/20/07 08:50 008				
TPH C10-C32	0.13	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.13	0.10	mg/L	SW846 8015B
Benzene	170 E	2.0	ug/L	SW846 8260B
Benzene	770	20	ug/L	SW846 8260B
Ethylbenzene	240 E	4.0	ug/L	SW846 8260B
Ethylbenzene	260	40	ug/L	SW846 8260B
Trichloroethene	4.4	2.0	ug/L	SW846 8260B
Isopropylbenzene	37	4.0	ug/L	SW846 8260B
n-Propylbenzene	30	4.0	ug/L	SW846 8260B
Methyl tert-butyl ether	190 E	10	ug/L	SW846 8260B
Methyl tert-butyl ether	190	100	ug/L	SW846 8260B
Naphthalene	22	4.0	ug/L	SW846 8260B
ASE-115A-7B1 06/20/07 09:30 009				
TPH C10-C32	0.91	0.10	mg/L	SW846 8015B
Diesel Range Organics (C10-C28)	0.91	0.10	mg/L	SW846 8015B
Benzene	460 E	5.0	ug/L	SW846 8260B
Benzene	2400	50	ug/L	SW846 8260B
Ethylbenzene	610 E	10	ug/L	SW846 8260B
Ethylbenzene	660	100	ug/L	SW846 8260B
Isopropylbenzene	63	10	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	14	10	ug/L	SW846 8260B
n-Propylbenzene	61	10	ug/L	SW846 8260B
Methyl tert-butyl ether	550 E	25	ug/L	SW846 8260B
Methyl tert-butyl ether	550	250	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7F210295

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
ASE-115A-7B1 06/20/07 09:30 009				
Naphthalene	210	10	ug/L	SW846 8260B
Naphthalene	340	100	ug/L	SW846 8260B

METHODS SUMMARY

D7F210295

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

D7F210295

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

D7F210295

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J1HNA	001	TB-062007	06/20/07	04:10
J1HNH	002	ASE-111A-7B1	06/20/07	04:49
J1HNL	003	PL-508-7B1	06/20/07	04:59
J1HNN	004	ASE-64A-7B1	06/20/07	05:38
J1HNV	005	ASE-63A-7B1	06/20/07	06:18
J1HNW	006	ASE-39A-7B1	06/20/07	07:11
J1HN0	007	ASE-38A-7B1	06/20/07	07:53
J1HN2	008	ASE-116A-7B1	06/20/07	08:50
J1HN5	009	ASE-115A-7B1	06/20/07	09:30

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

D7F210295

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		7177031	7177098
002	WATER	SW846 8015B		7172471	7172334
	WATER	SW846 8260B		7177031	7177098
003	WATER	SW846 8015B		7172471	7172334
	WATER	SW846 8260B		7177031	7177098
004	WATER	SW846 8015B		7172471	7172334
	WATER	SW846 8260B		7177031	7177098
005	WATER	SW846 8015B		7178617	7178354
	WATER	SW846 8260B		7177031	7177098
	WATER	SW846 8260B		7183257	7183204
006	WATER	SW846 8015B		7172471	7172334
	WATER	SW846 8260B		7177031	7177098
007	WATER	SW846 8015B		7172471	7172334
	WATER	SW846 8260B		7177031	7177098
008	WATER	SW846 8015B		7172471	7172334
	WATER	SW846 8260B		7177031	7177098
009	WATER	SW846 8015B		7172471	7172334
	WATER	SW846 8260B		7177031	7177098

STL

Volatile GC/MS

Lot ID: D7F210295

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: -001 through -009

Batch: 7177031

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	TB-062007
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-001
Matrix:	WATER	**Lab WorkOrder:**	J1HNA1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:10
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 12:56
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	TB-062007
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-001
Matrix:	WATER	**Lab WorkOrder:**	J1HNA1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:10
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 12:56
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	ND	1.0		
108-86-1	Bromobenzene	ND	5.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	TB-062007
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-001
Matrix:	WATER	**Lab WorkOrder:**	J1HNA1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:10
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 12:56
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	ND	1.0		
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	103	83	125		
1868-53-7	Dibromofluoromethane	88	77	119		
460-00-4	4-Bromofluorobenzene	100	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-111A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-002
Matrix:	WATER	**Lab WorkOrder:**	J1HNH1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:49
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 13:16
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	**16**	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	**3.6**	2.0	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-111A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-002
Matrix:	WATER	**Lab WorkOrder:**	J1HNH1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:49
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 13:16
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**67**	1.0		E
108-86-1	Bromobenzene	ND	5.0		
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	**28**	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	**3.8**	2.0		
1634-04-4	Methyl tert-butyl ether	**41**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**4.9**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	**3.3**	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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-111A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-002
Matrix:	WATER	**Lab WorkOrder:**	J1HNH1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:49
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 13:16
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**2.2**	1.0		
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)	**56**	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	87	77	119		
460-00-4	4-Bromofluorobenzene	101	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-111A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-002
Matrix:	WATER	**Lab WorkOrder:**	J1HNH2AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:49
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 13:35
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		
71-55-6	1,1,1-Trichloroethane	ND	8.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	12		
79-00-5	1,1,2-Trichloroethane	ND	4.0		
75-34-3	1,1-Dichloroethane	ND	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	**14**	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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	12		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-111A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-002
Matrix:	WATER	**Lab WorkOrder:**	J1HNH2AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:49
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 13:35
Sample Aliquot:	5 mL	**Instrument ID:**	R2
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**110**	4.0		
108-86-1	Bromobenzene	ND	20		
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	**26**	8.0		
87-68-3	Hexachlorobutadiene	ND	20		
74-88-4	Iodomethane	ND	40		
98-82-8	Isopropylbenzene	ND	8.0		
1634-04-4	Methyl tert-butyl ether	**43**	20		
75-09-2	Methylene chloride	ND	20		
91-20-3	Naphthalene	ND	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		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-111A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-002
Matrix:	WATER	**Lab WorkOrder:**	J1HNH2AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:49
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 13:35
Sample Aliquot:	5 mL	**Instrument ID:**	R2
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	20		
127-18-4	Tetrachloroethene	ND	4.0		
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	ND	4.0		
1330-20-7	Xylenes (total)	**50**	40		

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	98	83	125		
1868-53-7	Dibromofluoromethane	89	77	119		
460-00-4	4-Bromofluorobenzene	97	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-508-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-003
Matrix:	WATER	**Lab WorkOrder:**	J1HNL1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:59
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 13:54
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0		
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	**12**	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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	3.0		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-508-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-003
Matrix:	WATER	**Lab WorkOrder:**	J1HNL1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:59
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 13:54
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**67**	1.0		E
108-86-1	Bromobenzene	ND	5.0		
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	**25**	2.0		
87-68-3	Hexachlorobutadiene	ND	5.0		
74-88-4	Iodomethane	ND	10		
98-82-8	Isopropylbenzene	**3.6**	2.0		
1634-04-4	Methyl tert-butyl ether	**46**	5.0		
75-09-2	Methylene chloride	ND	5.0		
91-20-3	Naphthalene	**5.1**	2.0		
104-51-8	n-Butylbenzene	ND	5.0		
103-65-1	n-Propylbenzene	**3.3**	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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-508-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-003
Matrix:	WATER	**Lab WorkOrder:**	J1HNL1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:59
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 13:54
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	5.0		
127-18-4	Tetrachloroethene	**1.9**	1.0		
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	**1.4**	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)	**49**	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	107	83	125		
1868-53-7	Dibromofluoromethane	92	77	119		
460-00-4	4-Bromofluorobenzene	104	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-508-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-003
Matrix:	WATER	**Lab WorkOrder:**	J1HNL2AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:59
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 14:13
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		
71-55-6	1,1,1-Trichloroethane	ND	8.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	12		
79-00-5	1,1,2-Trichloroethane	ND	4.0		
75-34-3	1,1-Dichloroethane	ND	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	**17**	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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	12		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-508-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-003
Matrix:	WATER	**Lab WorkOrder:**	J1HNL2AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:59
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 14:13
Sample Aliquot:	5 mL	**Instrument ID:**	R2
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**120**	4.0		
108-86-1	Bromobenzene	ND	20		
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	**26**	8.0		
87-68-3	Hexachlorobutadiene	ND	20		
74-88-4	Iodomethane	ND	40		
98-82-8	Isopropylbenzene	ND	8.0		
1634-04-4	Methyl tert-butyl ether	**47**	20		
75-09-2	Methylene chloride	ND	20		
91-20-3	Naphthalene	ND	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		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-508-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-003
Matrix:	WATER	**Lab WorkOrder:**	J1HNL2AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:59
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 14:13
Sample Aliquot:	5 mL	**Instrument ID:**	R2
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	20		
127-18-4	Tetrachloroethene	ND	4.0		
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	ND	4.0		
1330-20-7	Xylenes (total)	**53**	40		

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	98	83	125		
1868-53-7	Dibromofluoromethane	91	77	119		
460-00-4	4-Bromofluorobenzene	97	78	118		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-64A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-004
Matrix:	WATER	**Lab WorkOrder:**	J1HNN1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 05:38
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 14:34
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0		
79-00-5	1,1,2-Trichloroethane	ND	2.0		
75-34-3	1,1-Dichloroethane	ND	4.0		
75-35-4	1,1-Dichloroethene	ND	4.0		
563-58-6	1,1-Dichloropropene	ND	4.0		
87-61-6	1,2,3-Trichlorobenzene	ND	10		
96-18-4	1,2,3-Trichloropropane	ND	20		
120-82-1	1,2,4-Trichlorobenzene	ND	10		
95-63-6	1,2,4-Trimethylbenzene	**30**	4.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	10		
106-93-4	1,2-Dibromoethane (EDB)	ND	4.0		
95-50-1	1,2-Dichlorobenzene	ND	2.0		
107-06-2	1,2-Dichloroethane	ND	2.0		
78-87-5	1,2-Dichloropropane	ND	4.0		
108-67-8	1,3,5-Trimethylbenzene	ND	4.0	L1	
541-73-1	1,3-Dichlorobenzene	ND	2.0		
142-28-9	1,3-Dichloropropane	ND	4.0		
106-46-7	1,4-Dichlorobenzene	ND	2.0		
594-20-7	2,2-Dichloropropane	ND	4.0		
78-93-3	2-Butanone (MEK)	ND	20		
110-75-8	2-Chloroethyl vinyl ether	ND	6.0		
95-49-8	2-Chlorotoluene	ND	10		
591-78-6	2-Hexanone	ND	20		
106-43-4	4-Chlorotoluene	ND	10		
108-10-1	4-Methyl-2-pentanone	ND	20		
67-64-1	Acetone	ND	40		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-64A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-004
Matrix:	WATER	**Lab WorkOrder:**	J1HNN1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 05:38
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 14:34
Sample Aliquot:	10 mL	**Instrument ID:**	R2
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**25**	2.0		
108-86-1	Bromobenzene	ND	10		
74-97-5	Bromochloromethane	ND	10		
75-27-4	Bromodichloromethane	ND	2.0		
75-25-2	Bromoform	ND	10		
74-83-9	Bromomethane	ND	10		
75-15-0	Carbon disulfide	ND	10		
56-23-5	Carbon tetrachloride	ND	4.0		
108-90-7	Chlorobenzene	ND	2.0		
124-48-1	Chlorodibromomethane	ND	4.0		
75-00-3	Chloroethane	ND	10		
67-66-3	Chloroform	ND	4.0		
74-87-3	Chloromethane	ND	10		
156-59-2	cis-1,2-Dichloroethene	ND	4.0		
10061-01-5	cis-1,3-Dichloropropene	ND	4.0		
74-95-3	Dibromomethane	ND	4.0		
75-71-8	Dichlorodifluoromethane	ND	10		
100-41-4	Ethylbenzene	**180**	4.0		E
87-68-3	Hexachlorobutadiene	ND	10		
74-88-4	Iodomethane	ND	20		
98-82-8	Isopropylbenzene	**55**	4.0		
1634-04-4	Methyl tert-butyl ether	ND	10		
75-09-2	Methylene chloride	ND	10		
91-20-3	Naphthalene	**37**	4.0		
104-51-8	n-Butylbenzene	ND	10		
103-65-1	n-Propylbenzene	**24**	4.0		
99-87-6	p-Isopropyltoluene	ND	4.0		
135-98-8	sec-Butylbenzene	ND	10		
100-42-5	Styrene	ND	4.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-64A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-004
Matrix:	WATER	**Lab WorkOrder:**	J1HNN1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 05:38
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 14:34
Sample Aliquot:	10 mL	**Instrument ID:**	R2
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	10		
127-18-4	Tetrachloroethene	ND	2.0		
108-88-3	Toluene	ND	4.0		
156-60-5	trans-1,2-Dichloroethene	ND	4.0		
10061-02-6	trans-1,3-Dichloropropene	ND	4.0		
79-01-6	Trichloroethene	ND	2.0		
75-69-4	Trichlorofluoromethane	ND	10		
108-05-4	Vinyl acetate	ND	50		
75-01-4	Vinyl chloride	ND	2.0		
1330-20-7	Xylenes (total)	**130**	20		

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	104	83	125		
1868-53-7	Dibromofluoromethane	90	77	119		
460-00-4	4-Bromofluorobenzene	96	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-64A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-004
Matrix:	WATER	**Lab WorkOrder:**	J1HNN2AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 05:38
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 14:53
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		
71-55-6	1,1,1-Trichloroethane	ND	40		
79-34-5	1,1,2,2-Tetrachloroethane	ND	20		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	60		
79-00-5	1,1,2-Trichloroethane	ND	20		
75-34-3	1,1-Dichloroethane	ND	40		
75-35-4	1,1-Dichloroethene	ND	40		
563-58-6	1,1-Dichloropropene	ND	40		
87-61-6	1,2,3-Trichlorobenzene	ND	100		
96-18-4	1,2,3-Trichloropropane	ND	200		
120-82-1	1,2,4-Trichlorobenzene	ND	100		
95-63-6	1,2,4-Trimethylbenzene	ND	40		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	100		
106-93-4	1,2-Dibromoethane (EDB)	ND	40		
95-50-1	1,2-Dichlorobenzene	ND	20		
107-06-2	1,2-Dichloroethane	ND	20		
78-87-5	1,2-Dichloropropane	ND	40		
108-67-8	1,3,5-Trimethylbenzene	ND	40	L1	
541-73-1	1,3-Dichlorobenzene	ND	20		
142-28-9	1,3-Dichloropropane	ND	40		
106-46-7	1,4-Dichlorobenzene	ND	20		
594-20-7	2,2-Dichloropropane	ND	40		
78-93-3	2-Butanone (MEK)	ND	200		
110-75-8	2-Chloroethyl vinyl ether	ND	60		
95-49-8	2-Chlorotoluene	ND	100		
591-78-6	2-Hexanone	ND	200		
106-43-4	4-Chlorotoluene	ND	100		
108-10-1	4-Methyl-2-pentanone	ND	200		
67-64-1	Acetone	ND	400		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-64A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-004
Matrix:	WATER	**Lab WorkOrder:**	J1HNN2AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 05:38
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 14:53
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**26**	20		
108-86-1	Bromobenzene	ND	100		
74-97-5	Bromochloromethane	ND	100		
75-27-4	Bromodichloromethane	ND	20		
75-25-2	Bromoform	ND	100		
74-83-9	Bromomethane	ND	100		
75-15-0	Carbon disulfide	ND	100		
56-23-5	Carbon tetrachloride	ND	40		
108-90-7	Chlorobenzene	ND	20		
124-48-1	Chlorodibromomethane	ND	40		
75-00-3	Chloroethane	ND	100		
67-66-3	Chloroform	ND	40		
74-87-3	Chloromethane	ND	100		
156-59-2	cis-1,2-Dichloroethene	ND	40		
10061-01-5	cis-1,3-Dichloropropene	ND	40		
74-95-3	Dibromomethane	ND	40		
75-71-8	Dichlorodifluoromethane	ND	100		
100-41-4	Ethylbenzene	**180**	40		
87-68-3	Hexachlorobutadiene	ND	100		
74-88-4	Iodomethane	ND	200		
98-82-8	Isopropylbenzene	**51**	40		
1634-04-4	Methyl tert-butyl ether	ND	100		
75-09-2	Methylene chloride	ND	100		
91-20-3	Naphthalene	**60**	40		
104-51-8	n-Butylbenzene	ND	100		
103-65-1	n-Propylbenzene	ND	40		
99-87-6	p-Isopropyltoluene	ND	40		
135-98-8	sec-Butylbenzene	ND	100		
100-42-5	Styrene	ND	40		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-64A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-004
Matrix:	WATER	**Lab WorkOrder:**	J1HNN2AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 05:38
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 14:53
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	100		
127-18-4	Tetrachloroethene	ND	20		
108-88-3	Toluene	ND	40		
156-60-5	trans-1,2-Dichloroethene	ND	40		
10061-02-6	trans-1,3-Dichloropropene	ND	40		
79-01-6	Trichloroethene	ND	20		
75-69-4	Trichlorofluoromethane	ND	100		
108-05-4	Vinyl acetate	ND	500		
75-01-4	Vinyl chloride	ND	20		
1330-20-7	Xylenes (total)	ND	200		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	89	70	127		
2037-26-5	Toluene-d8	96	83	125		
1868-53-7	Dibromofluoromethane	93	77	119		
460-00-4	4-Bromofluorobenzene	96	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-63A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-005
Matrix:	WATER	**Lab WorkOrder:**	J1HNV1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 17:46
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		
71-55-6	1,1,1-Trichloroethane	ND	10		
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	15		
79-00-5	1,1,2-Trichloroethane	ND	5.0		
75-34-3	1,1-Dichloroethane	ND	10		
75-35-4	1,1-Dichloroethene	ND	10		
563-58-6	1,1-Dichloropropene	ND	10		
87-61-6	1,2,3-Trichlorobenzene	ND	25		
96-18-4	1,2,3-Trichloropropane	ND	50		
120-82-1	1,2,4-Trichlorobenzene	ND	25		
95-63-6	1,2,4-Trimethylbenzene	ND	10		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	25		
106-93-4	1,2-Dibromoethane (EDB)	ND	10		
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	10		
108-67-8	1,3,5-Trimethylbenzene	ND	10	L1	
541-73-1	1,3-Dichlorobenzene	ND	5.0		
142-28-9	1,3-Dichloropropane	ND	10		
106-46-7	1,4-Dichlorobenzene	ND	5.0		
594-20-7	2,2-Dichloropropane	ND	10		
78-93-3	2-Butanone (MEK)	ND	50		
110-75-8	2-Chloroethyl vinyl ether	ND	15		
95-49-8	2-Chlorotoluene	ND	25		
591-78-6	2-Hexanone	ND	50		
106-43-4	4-Chlorotoluene	ND	25		
108-10-1	4-Methyl-2-pentanone	ND	50		
67-64-1	Acetone	ND	100		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-63A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-005
Matrix:	WATER	**Lab WorkOrder:**	J1HNV1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 17:46
Sample Aliquot:	4 mL	**Instrument ID:**	R2
Dilution Factor:	5		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**520**	5.0		E
108-86-1	Bromobenzene	ND	25		
74-97-5	Bromochloromethane	ND	25		
75-27-4	Bromodichloromethane	ND	5.0		
75-25-2	Bromoform	ND	25		
74-83-9	Bromomethane	ND	25		
75-15-0	Carbon disulfide	ND	25		
56-23-5	Carbon tetrachloride	ND	10		
108-90-7	Chlorobenzene	ND	5.0		
124-48-1	Chlorodibromomethane	ND	10		
75-00-3	Chloroethane	ND	25		
67-66-3	Chloroform	ND	10		
74-87-3	Chloromethane	ND	25		
156-59-2	cis-1,2-Dichloroethene	ND	10		
10061-01-5	cis-1,3-Dichloropropene	ND	10		
74-95-3	Dibromomethane	ND	10		
75-71-8	Dichlorodifluoromethane	ND	25		
100-41-4	Ethylbenzene	**700**	10		E
87-68-3	Hexachlorobutadiene	ND	25		
74-88-4	Iodomethane	ND	50		
98-82-8	Isopropylbenzene	**78**	10		
1634-04-4	Methyl tert-butyl ether	**370**	25		E
75-09-2	Methylene chloride	ND	25		
91-20-3	Naphthalene	**150**	10		
104-51-8	n-Butylbenzene	ND	25		
103-65-1	n-Propylbenzene	**57**	10		
99-87-6	p-Isopropyltoluene	ND	10		
135-98-8	sec-Butylbenzene	ND	25		
100-42-5	Styrene	ND	10		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-63A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-005
Matrix:	WATER	**Lab WorkOrder:**	J1HNV1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 17:46
Sample Aliquot:	4 mL	**Instrument ID:**	R2
Dilution Factor:	5		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	25		
127-18-4	Tetrachloroethene	ND	5.0		
108-88-3	Toluene	ND	10		
156-60-5	trans-1,2-Dichloroethene	ND	10		
10061-02-6	trans-1,3-Dichloropropene	ND	10		
79-01-6	Trichloroethene	ND	5.0		
75-69-4	Trichlorofluoromethane	ND	25		
108-05-4	Vinyl acetate	ND	120		
75-01-4	Vinyl chloride	ND	5.0		
1330-20-7	Xylenes (total)	ND	50		

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	99	83	125		
1868-53-7	Dibromofluoromethane	89	77	119		
460-00-4	4-Bromofluorobenzene	99	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-39A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-006
Matrix:	WATER	**Lab WorkOrder:**	J1HNW1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 07:11
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 15:13
Sample Aliquot:	7.5 mL	**Instrument ID:**	R2
Dilution Factor:	2.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	13		
71-55-6	1,1,1-Trichloroethane	ND	5.3		
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.7		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	8.0		
79-00-5	1,1,2-Trichloroethane	ND	2.7		
75-34-3	1,1-Dichloroethane	ND	5.3		
75-35-4	1,1-Dichloroethene	ND	5.3		
563-58-6	1,1-Dichloropropene	ND	5.3		
87-61-6	1,2,3-Trichlorobenzene	ND	13		
96-18-4	1,2,3-Trichloropropane	ND	27		
120-82-1	1,2,4-Trichlorobenzene	ND	13		
95-63-6	1,2,4-Trimethylbenzene	**6.7**	5.3		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	13		
106-93-4	1,2-Dibromoethane (EDB)	ND	5.3		
95-50-1	1,2-Dichlorobenzene	ND	2.7		
107-06-2	1,2-Dichloroethane	ND	2.7		
78-87-5	1,2-Dichloropropane	ND	5.3		
108-67-8	1,3,5-Trimethylbenzene	ND	5.3	L1	
541-73-1	1,3-Dichlorobenzene	ND	2.7		
142-28-9	1,3-Dichloropropane	ND	5.3		
106-46-7	1,4-Dichlorobenzene	ND	2.7		
594-20-7	2,2-Dichloropropane	ND	5.3		
78-93-3	2-Butanone (MEK)	ND	27		
110-75-8	2-Chloroethyl vinyl ether	ND	8.0		
95-49-8	2-Chlorotoluene	ND	13		
591-78-6	2-Hexanone	ND	27		
106-43-4	4-Chlorotoluene	ND	13		
108-10-1	4-Methyl-2-pentanone	ND	27		
67-64-1	Acetone	ND	53		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-39A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-006
Matrix:	WATER	**Lab WorkOrder:**	J1HNW1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 07:11
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 15:13
Sample Aliquot:	7.5 mL	**Instrument ID:**	R2
Dilution Factor:	2.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**190**	2.7		E
108-86-1	Bromobenzene	ND	13		
74-97-5	Bromochloromethane	ND	13		
75-27-4	Bromodichloromethane	ND	2.7		
75-25-2	Bromoform	ND	13		
74-83-9	Bromomethane	ND	13		
75-15-0	Carbon disulfide	ND	13		
56-23-5	Carbon tetrachloride	ND	5.3		
108-90-7	Chlorobenzene	ND	2.7		
124-48-1	Chlorodibromomethane	ND	5.3		
75-00-3	Chloroethane	ND	13		
67-66-3	Chloroform	ND	5.3		
74-87-3	Chloromethane	ND	13		
156-59-2	cis-1,2-Dichloroethene	ND	5.3		
10061-01-5	cis-1,3-Dichloropropene	ND	5.3		
74-95-3	Dibromomethane	ND	5.3		
75-71-8	Dichlorodifluoromethane	ND	13		
100-41-4	Ethylbenzene	**120**	5.3		
87-68-3	Hexachlorobutadiene	ND	13		
74-88-4	Iodomethane	ND	27		
98-82-8	Isopropylbenzene	**31**	5.3		
1634-04-4	Methyl tert-butyl ether	**360**	13		E
75-09-2	Methylene chloride	ND	13		
91-20-3	Naphthalene	**36**	5.3		
104-51-8	n-Butylbenzene	ND	13		
103-65-1	n-Propylbenzene	**16**	5.3		
99-87-6	p-Isopropyltoluene	ND	5.3		
135-98-8	sec-Butylbenzene	ND	13		
100-42-5	Styrene	ND	5.3		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-39A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-006
Matrix:	WATER	**Lab WorkOrder:**	J1HNW1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 07:11
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 15:13
Sample Aliquot:	7.5 mL	**Instrument ID:**	R2
Dilution Factor:	2.66		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	13		
127-18-4	Tetrachloroethene	ND	2.7		
108-88-3	Toluene	ND	5.3		
156-60-5	trans-1,2-Dichloroethene	ND	5.3		
10061-02-6	trans-1,3-Dichloropropene	ND	5.3		
79-01-6	Trichloroethene	ND	2.7		
75-69-4	Trichlorofluoromethane	ND	13		
108-05-4	Vinyl acetate	ND	66		
75-01-4	Vinyl chloride	ND	2.7		
1330-20-7	Xylenes (total)	ND	27		

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	103	83	125		
1868-53-7	Dibromofluoromethane	86	77	119		
460-00-4	4-Bromofluorobenzene	98	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-39A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-006
Matrix:	WATER	**Lab WorkOrder:**	J1HNW2AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 07:11
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 15:32
Sample Aliquot:	0.75 mL	**Instrument ID:**	R2
Dilution Factor:	26.67		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	130		
71-55-6	1,1,1-Trichloroethane	ND	53		
79-34-5	1,1,2,2-Tetrachloroethane	ND	27		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	80		
79-00-5	1,1,2-Trichloroethane	ND	27		
75-34-3	1,1-Dichloroethane	ND	53		
75-35-4	1,1-Dichloroethene	ND	53		
563-58-6	1,1-Dichloropropene	ND	53		
87-61-6	1,2,3-Trichlorobenzene	ND	130		
96-18-4	1,2,3-Trichloropropane	ND	270		
120-82-1	1,2,4-Trichlorobenzene	ND	130		
95-63-6	1,2,4-Trimethylbenzene	ND	53		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	130		
106-93-4	1,2-Dibromoethane (EDB)	ND	53		
95-50-1	1,2-Dichlorobenzene	ND	27		
107-06-2	1,2-Dichloroethane	ND	27		
78-87-5	1,2-Dichloropropane	ND	53		
108-67-8	1,3,5-Trimethylbenzene	ND	53	L1	
541-73-1	1,3-Dichlorobenzene	ND	27		
142-28-9	1,3-Dichloropropane	ND	53		
106-46-7	1,4-Dichlorobenzene	ND	27		
594-20-7	2,2-Dichloropropane	ND	53		
78-93-3	2-Butanone (MEK)	ND	270		
110-75-8	2-Chloroethyl vinyl ether	ND	80		
95-49-8	2-Chlorotoluene	ND	130		
591-78-6	2-Hexanone	ND	270		
106-43-4	4-Chlorotoluene	ND	130		
108-10-1	4-Methyl-2-pentanone	ND	270		
67-64-1	Acetone	ND	530		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-39A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-006
Matrix:	WATER	**Lab WorkOrder:**	J1HNW2AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 07:11
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 15:32
Sample Aliquot:	0.75 mL	**Instrument ID:**	R2
Dilution Factor:	26.67		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**490**	27		
108-86-1	Bromobenzene	ND	130		
74-97-5	Bromochloromethane	ND	130		
75-27-4	Bromodichloromethane	ND	27		
75-25-2	Bromoform	ND	130		
74-83-9	Bromomethane	ND	130		
75-15-0	Carbon disulfide	ND	130		
56-23-5	Carbon tetrachloride	ND	53		
108-90-7	Chlorobenzene	ND	27		
124-48-1	Chlorodibromomethane	ND	53		
75-00-3	Chloroethane	ND	130		
67-66-3	Chloroform	ND	53		
74-87-3	Chloromethane	ND	130		
156-59-2	cis-1,2-Dichloroethene	ND	53		
10061-01-5	cis-1,3-Dichloropropene	ND	53		
74-95-3	Dibromomethane	ND	53		
75-71-8	Dichlorodifluoromethane	ND	130		
100-41-4	Ethylbenzene	**110**	53		
87-68-3	Hexachlorobutadiene	ND	130		
74-88-4	Iodomethane	ND	270		
98-82-8	Isopropylbenzene	ND	53		
1634-04-4	Methyl tert-butyl ether	**380**	130		
75-09-2	Methylene chloride	ND	130		
91-20-3	Naphthalene	**57**	53		
104-51-8	n-Butylbenzene	ND	130		
103-65-1	n-Propylbenzene	ND	53		
99-87-6	p-Isopropyltoluene	ND	53		
135-98-8	sec-Butylbenzene	ND	130		
100-42-5	Styrene	ND	53		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-39A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-006
Matrix:	WATER	**Lab WorkOrder:**	J1HNW2AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 07:11
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 15:32
Sample Aliquot:	0.75 mL	**Instrument ID:**	R2
Dilution Factor:	26.67		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	130		
127-18-4	Tetrachloroethene	ND	27		
108-88-3	Toluene	ND	53		
156-60-5	trans-1,2-Dichloroethene	ND	53		
10061-02-6	trans-1,3-Dichloropropene	ND	53		
79-01-6	Trichloroethene	ND	27		
75-69-4	Trichlorofluoromethane	ND	130		
108-05-4	Vinyl acetate	ND	670		
75-01-4	Vinyl chloride	ND	27		
1330-20-7	Xylenes (total)	ND	270		

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	95	83	125		
1868-53-7	Dibromofluoromethane	90	77	119		
460-00-4	4-Bromofluorobenzene	94	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-38A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-007
Matrix:	WATER	**Lab WorkOrder:**	J1HN01AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 07:53
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 15:51
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		
71-55-6	1,1,1-Trichloroethane	ND	8.0		
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	12		
79-00-5	1,1,2-Trichloroethane	ND	4.0		
75-34-3	1,1-Dichloroethane	ND	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	**15**	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	L1	
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		
110-75-8	2-Chloroethyl vinyl ether	ND	12		
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		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-38A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-007
Matrix:	WATER	**Lab WorkOrder:**	J1HN01AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 07:53
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 15:51
Sample Aliquot:	5 mL	**Instrument ID:**	R2
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**290**	4.0		E
108-86-1	Bromobenzene	ND	20		
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	**200**	8.0		
87-68-3	Hexachlorobutadiene	ND	20		
74-88-4	Iodomethane	ND	40		
98-82-8	Isopropylbenzene	**24**	8.0		
1634-04-4	Methyl tert-butyl ether	**77**	20		
75-09-2	Methylene chloride	ND	20		
91-20-3	Naphthalene	**51**	8.0		
104-51-8	n-Butylbenzene	ND	20		
103-65-1	n-Propylbenzene	**17**	8.0		
99-87-6	p-Isopropyltoluene	ND	8.0		
135-98-8	sec-Butylbenzene	ND	20		
100-42-5	Styrene	ND	8.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-38A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-007
Matrix:	WATER	**Lab WorkOrder:**	J1HN01AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 07:53
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 15:51
Sample Aliquot:	5 mL	**Instrument ID:**	R2
Dilution Factor:	4		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	20		
127-18-4	Tetrachloroethene	ND	4.0		
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	ND	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	86	70	127		
2037-26-5	Toluene-d8	100	83	125		
1868-53-7	Dibromofluoromethane	88	77	119		
460-00-4	4-Bromofluorobenzene	101	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-38A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-007
Matrix:	WATER	**Lab WorkOrder:**	J1HN02AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 07:53
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 16:11
Sample Aliquot:	0.5 mL	**Instrument ID:**	R2
Dilution Factor:	40		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	200		
71-55-6	1,1,1-Trichloroethane	ND	80		
79-34-5	1,1,2,2-Tetrachloroethane	ND	40		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	120		
79-00-5	1,1,2-Trichloroethane	ND	40		
75-34-3	1,1-Dichloroethane	ND	80		
75-35-4	1,1-Dichloroethene	ND	80		
563-58-6	1,1-Dichloropropene	ND	80		
87-61-6	1,2,3-Trichlorobenzene	ND	200		
96-18-4	1,2,3-Trichloropropane	ND	400		
120-82-1	1,2,4-Trichlorobenzene	ND	200		
95-63-6	1,2,4-Trimethylbenzene	ND	80		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	200		
106-93-4	1,2-Dibromoethane (EDB)	ND	80		
95-50-1	1,2-Dichlorobenzene	ND	40		
107-06-2	1,2-Dichloroethane	ND	40		
78-87-5	1,2-Dichloropropane	ND	80		
108-67-8	1,3,5-Trimethylbenzene	ND	80	L1	
541-73-1	1,3-Dichlorobenzene	ND	40		
142-28-9	1,3-Dichloropropane	ND	80		
106-46-7	1,4-Dichlorobenzene	ND	40		
594-20-7	2,2-Dichloropropane	ND	80		
78-93-3	2-Butanone (MEK)	ND	400		
110-75-8	2-Chloroethyl vinyl ether	ND	120		
95-49-8	2-Chlorotoluene	ND	200		
591-78-6	2-Hexanone	ND	400		
106-43-4	4-Chlorotoluene	ND	200		
108-10-1	4-Methyl-2-pentanone	ND	400		
67-64-1	Acetone	ND	800		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-38A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-007
Matrix:	WATER	**Lab WorkOrder:**	J1HN02AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 07:53
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 16:11
Sample Aliquot:	0.5 mL	**Instrument ID:**	R2
Dilution Factor:	40		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**830**	40		
108-86-1	Bromobenzene	ND	200		
74-97-5	Bromochloromethane	ND	200		
75-27-4	Bromodichloromethane	ND	40		
75-25-2	Bromoform	ND	200		
74-83-9	Bromomethane	ND	200		
75-15-0	Carbon disulfide	ND	200		
56-23-5	Carbon tetrachloride	ND	80		
108-90-7	Chlorobenzene	ND	40		
124-48-1	Chlorodibromomethane	ND	80		
75-00-3	Chloroethane	ND	200		
67-66-3	Chloroform	ND	80		
74-87-3	Chloromethane	ND	200		
156-59-2	cis-1,2-Dichloroethene	ND	80		
10061-01-5	cis-1,3-Dichloropropene	ND	80		
74-95-3	Dibromomethane	ND	80		
75-71-8	Dichlorodifluoromethane	ND	200		
100-41-4	Ethylbenzene	**210**	80		
87-68-3	Hexachlorobutadiene	ND	200		
74-88-4	Iodomethane	ND	400		
98-82-8	Isopropylbenzene	ND	80		
1634-04-4	Methyl tert-butyl ether	ND	200		
75-09-2	Methylene chloride	ND	200		
91-20-3	Naphthalene	ND	80		
104-51-8	n-Butylbenzene	ND	200		
103-65-1	n-Propylbenzene	ND	80		
99-87-6	p-Isopropyltoluene	ND	80		
135-98-8	sec-Butylbenzene	ND	200		
100-42-5	Styrene	ND	80		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-38A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-007
Matrix:	WATER	**Lab WorkOrder:**	J1HN02AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 07:53
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 16:11
Sample Aliquot:	0.5 mL	**Instrument ID:**	R2
Dilution Factor:	40		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	200		
127-18-4	Tetrachloroethene	ND	40		
108-88-3	Toluene	ND	80		
156-60-5	trans-1,2-Dichloroethene	ND	80		
10061-02-6	trans-1,3-Dichloropropene	ND	80		
79-01-6	Trichloroethene	ND	40		
75-69-4	Trichlorofluoromethane	ND	200		
108-05-4	Vinyl acetate	ND	1000		
75-01-4	Vinyl chloride	ND	40		
1330-20-7	Xylenes (total)	ND	400		

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	94	83	125		
1868-53-7	Dibromofluoromethane	90	77	119		
460-00-4	4-Bromofluorobenzene	94	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-116A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-008
Matrix:	WATER	**Lab WorkOrder:**	J1HN21AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 08:50
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 16:30
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		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0		
79-00-5	1,1,2-Trichloroethane	ND	2.0		
75-34-3	1,1-Dichloroethane	ND	4.0		
75-35-4	1,1-Dichloroethene	ND	4.0		
563-58-6	1,1-Dichloropropene	ND	4.0		
87-61-6	1,2,3-Trichlorobenzene	ND	10		
96-18-4	1,2,3-Trichloropropane	ND	20		
120-82-1	1,2,4-Trichlorobenzene	ND	10		
95-63-6	1,2,4-Trimethylbenzene	ND	4.0		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	10		
106-93-4	1,2-Dibromoethane (EDB)	ND	4.0		
95-50-1	1,2-Dichlorobenzene	ND	2.0		
107-06-2	1,2-Dichloroethane	ND	2.0		
78-87-5	1,2-Dichloropropane	ND	4.0		
108-67-8	1,3,5-Trimethylbenzene	ND	4.0	L1	
541-73-1	1,3-Dichlorobenzene	ND	2.0		
142-28-9	1,3-Dichloropropane	ND	4.0		
106-46-7	1,4-Dichlorobenzene	ND	2.0		
594-20-7	2,2-Dichloropropane	ND	4.0		
78-93-3	2-Butanone (MEK)	ND	20		
110-75-8	2-Chloroethyl vinyl ether	ND	6.0		
95-49-8	2-Chlorotoluene	ND	10		
591-78-6	2-Hexanone	ND	20		
106-43-4	4-Chlorotoluene	ND	10		
108-10-1	4-Methyl-2-pentanone	ND	20		
67-64-1	Acetone	ND	40		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-116A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-008
Matrix:	WATER	**Lab WorkOrder:**	J1HN21AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 08:50
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 16:30
Sample Aliquot:	10 mL	**Instrument ID:**	R2
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**170**	2.0		E
108-86-1	Bromobenzene	ND	10		
74-97-5	Bromochloromethane	ND	10		
75-27-4	Bromodichloromethane	ND	2.0		
75-25-2	Bromoform	ND	10		
74-83-9	Bromomethane	ND	10		
75-15-0	Carbon disulfide	ND	10		
56-23-5	Carbon tetrachloride	ND	4.0		
108-90-7	Chlorobenzene	ND	2.0		
124-48-1	Chlorodibromomethane	ND	4.0		
75-00-3	Chloroethane	ND	10		
67-66-3	Chloroform	ND	4.0		
74-87-3	Chloromethane	ND	10		
156-59-2	cis-1,2-Dichloroethene	ND	4.0		
10061-01-5	cis-1,3-Dichloropropene	ND	4.0		
74-95-3	Dibromomethane	ND	4.0		
75-71-8	Dichlorodifluoromethane	ND	10		
100-41-4	Ethylbenzene	**240**	4.0		E
87-68-3	Hexachlorobutadiene	ND	10		
74-88-4	Iodomethane	ND	20		
98-82-8	Isopropylbenzene	**37**	4.0		
1634-04-4	Methyl tert-butyl ether	**190**	10		E
75-09-2	Methylene chloride	ND	10		
91-20-3	Naphthalene	**22**	4.0		
104-51-8	n-Butylbenzene	ND	10		
103-65-1	n-Propylbenzene	**30**	4.0		
99-87-6	p-Isopropyltoluene	ND	4.0		
135-98-8	sec-Butylbenzene	ND	10		
100-42-5	Styrene	ND	4.0		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-116A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-008
Matrix:	WATER	**Lab WorkOrder:**	J1HN21AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 08:50
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 16:30
Sample Aliquot:	10 mL	**Instrument ID:**	R2
Dilution Factor:	2		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	10		
127-18-4	Tetrachloroethene	ND	2.0		
108-88-3	Toluene	ND	4.0		
156-60-5	trans-1,2-Dichloroethene	ND	4.0		
10061-02-6	trans-1,3-Dichloropropene	ND	4.0		
79-01-6	Trichloroethene	**4.4**	2.0		
75-69-4	Trichlorofluoromethane	ND	10		
108-05-4	Vinyl acetate	ND	50		
75-01-4	Vinyl chloride	ND	2.0		
1330-20-7	Xylenes (total)	ND	20		

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	97	83	125		
1868-53-7	Dibromofluoromethane	91	77	119		
460-00-4	4-Bromofluorobenzene	99	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-116A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-008
Matrix:	WATER	**Lab WorkOrder:**	J1HN22AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 08:50
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 16:49
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		
71-55-6	1,1,1-Trichloroethane	ND	40		
79-34-5	1,1,2,2-Tetrachloroethane	ND	20		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	60		
79-00-5	1,1,2-Trichloroethane	ND	20		
75-34-3	1,1-Dichloroethane	ND	40		
75-35-4	1,1-Dichloroethene	ND	40		
563-58-6	1,1-Dichloropropene	ND	40		
87-61-6	1,2,3-Trichlorobenzene	ND	100		
96-18-4	1,2,3-Trichloropropane	ND	200		
120-82-1	1,2,4-Trichlorobenzene	ND	100		
95-63-6	1,2,4-Trimethylbenzene	ND	40		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	100		
106-93-4	1,2-Dibromoethane (EDB)	ND	40		
95-50-1	1,2-Dichlorobenzene	ND	20		
107-06-2	1,2-Dichloroethane	ND	20		
78-87-5	1,2-Dichloropropane	ND	40		
108-67-8	1,3,5-Trimethylbenzene	ND	40	L1	
541-73-1	1,3-Dichlorobenzene	ND	20		
142-28-9	1,3-Dichloropropane	ND	40		
106-46-7	1,4-Dichlorobenzene	ND	20		
594-20-7	2,2-Dichloropropane	ND	40		
78-93-3	2-Butanone (MEK)	ND	200		
110-75-8	2-Chloroethyl vinyl ether	ND	60		
95-49-8	2-Chlorotoluene	ND	100		
591-78-6	2-Hexanone	ND	200		
106-43-4	4-Chlorotoluene	ND	100		
108-10-1	4-Methyl-2-pentanone	ND	200		
67-64-1	Acetone	ND	400		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-116A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-008
Matrix:	WATER	**Lab WorkOrder:**	J1HN22AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 08:50
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 16:49
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**770**	20		
108-86-1	Bromobenzene	ND	100		
74-97-5	Bromochloromethane	ND	100		
75-27-4	Bromodichloromethane	ND	20		
75-25-2	Bromoform	ND	100		
74-83-9	Bromomethane	ND	100		
75-15-0	Carbon disulfide	ND	100		
56-23-5	Carbon tetrachloride	ND	40		
108-90-7	Chlorobenzene	ND	20		
124-48-1	Chlorodibromomethane	ND	40		
75-00-3	Chloroethane	ND	100		
67-66-3	Chloroform	ND	40		
74-87-3	Chloromethane	ND	100		
156-59-2	cis-1,2-Dichloroethene	ND	40		
10061-01-5	cis-1,3-Dichloropropene	ND	40		
74-95-3	Dibromomethane	ND	40		
75-71-8	Dichlorodifluoromethane	ND	100		
100-41-4	Ethylbenzene	**260**	40		
87-68-3	Hexachlorobutadiene	ND	100		
74-88-4	Iodomethane	ND	200		
98-82-8	Isopropylbenzene	ND	40		
1634-04-4	Methyl tert-butyl ether	**190**	100		
75-09-2	Methylene chloride	ND	100		
91-20-3	Naphthalene	ND	40		
104-51-8	n-Butylbenzene	ND	100		
103-65-1	n-Propylbenzene	ND	40		
99-87-6	p-Isopropyltoluene	ND	40		
135-98-8	sec-Butylbenzene	ND	100		
100-42-5	Styrene	ND	40		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-116A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-008
Matrix:	WATER	**Lab WorkOrder:**	J1HN22AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 08:50
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 16:49
Sample Aliquot:	1 mL	**Instrument ID:**	R2
Dilution Factor:	20		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	100		
127-18-4	Tetrachloroethene	ND	20		
108-88-3	Toluene	ND	40		
156-60-5	trans-1,2-Dichloroethene	ND	40		
10061-02-6	trans-1,3-Dichloropropene	ND	40		
79-01-6	Trichloroethene	ND	20		
75-69-4	Trichlorofluoromethane	ND	100		
108-05-4	Vinyl acetate	ND	500		
75-01-4	Vinyl chloride	ND	20		
1330-20-7	Xylenes (total)	ND	200		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	88	70	127		
2037-26-5	Toluene-d8	94	83	125		
1868-53-7	Dibromofluoromethane	91	77	119		
460-00-4	4-Bromofluorobenzene	93	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-115A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-009
Matrix:	WATER	**Lab WorkOrder:**	J1HN51AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 09:30
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 17:08
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		
71-55-6	1,1,1-Trichloroethane	ND	10		
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	15		
79-00-5	1,1,2-Trichloroethane	ND	5.0		
75-34-3	1,1-Dichloroethane	ND	10		
75-35-4	1,1-Dichloroethene	ND	10		
563-58-6	1,1-Dichloropropene	ND	10		
87-61-6	1,2,3-Trichlorobenzene	ND	25		
96-18-4	1,2,3-Trichloropropane	ND	50		
120-82-1	1,2,4-Trichlorobenzene	ND	25		
95-63-6	1,2,4-Trimethylbenzene	**14**	10		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	25		
106-93-4	1,2-Dibromoethane (EDB)	ND	10		
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	10		
108-67-8	1,3,5-Trimethylbenzene	ND	10	L1	
541-73-1	1,3-Dichlorobenzene	ND	5.0		
142-28-9	1,3-Dichloropropane	ND	10		
106-46-7	1,4-Dichlorobenzene	ND	5.0		
594-20-7	2,2-Dichloropropane	ND	10		
78-93-3	2-Butanone (MEK)	ND	50		
110-75-8	2-Chloroethyl vinyl ether	ND	15		
95-49-8	2-Chlorotoluene	ND	25		
591-78-6	2-Hexanone	ND	50		
106-43-4	4-Chlorotoluene	ND	25		
108-10-1	4-Methyl-2-pentanone	ND	50		
67-64-1	Acetone	ND	100		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-115A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-009
Matrix:	WATER	**Lab WorkOrder:**	J1HN51AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 09:30
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 17:08
Sample Aliquot:	4 mL	**Instrument ID:**	R2
Dilution Factor:	5		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**460**	5.0		E
108-86-1	Bromobenzene	ND	25		
74-97-5	Bromochloromethane	ND	25		
75-27-4	Bromodichloromethane	ND	5.0		
75-25-2	Bromoform	ND	25		
74-83-9	Bromomethane	ND	25		
75-15-0	Carbon disulfide	ND	25		
56-23-5	Carbon tetrachloride	ND	10		
108-90-7	Chlorobenzene	ND	5.0		
124-48-1	Chlorodibromomethane	ND	10		
75-00-3	Chloroethane	ND	25		
67-66-3	Chloroform	ND	10		
74-87-3	Chloromethane	ND	25		
156-59-2	cis-1,2-Dichloroethene	ND	10		
10061-01-5	cis-1,3-Dichloropropene	ND	10		
74-95-3	Dibromomethane	ND	10		
75-71-8	Dichlorodifluoromethane	ND	25		
100-41-4	Ethylbenzene	**610**	10		E
87-68-3	Hexachlorobutadiene	ND	25		
74-88-4	Iodomethane	ND	50		
98-82-8	Isopropylbenzene	**63**	10		
1634-04-4	Methyl tert-butyl ether	**550**	25		E
75-09-2	Methylene chloride	ND	25		
91-20-3	Naphthalene	**210**	10		
104-51-8	n-Butylbenzene	ND	25		
103-65-1	n-Propylbenzene	**61**	10		
99-87-6	p-Isopropyltoluene	ND	10		
135-98-8	sec-Butylbenzene	ND	25		
100-42-5	Styrene	ND	10		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-115A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-009
Matrix:	WATER	**Lab WorkOrder:**	J1HN51AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 09:30
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 17:08
Sample Aliquot:	4 mL	**Instrument ID:**	R2
Dilution Factor:	5		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	25		
127-18-4	Tetrachloroethene	ND	5.0		
108-88-3	Toluene	ND	10		
156-60-5	trans-1,2-Dichloroethene	ND	10		
10061-02-6	trans-1,3-Dichloropropene	ND	10		
79-01-6	Trichloroethene	ND	5.0		
75-69-4	Trichlorofluoromethane	ND	25		
108-05-4	Vinyl acetate	ND	120		
75-01-4	Vinyl chloride	ND	5.0		
1330-20-7	Xylenes (total)	ND	50		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	88	70	127		
2037-26-5	Toluene-d8	104	83	125		
1868-53-7	Dibromofluoromethane	92	77	119		
460-00-4	4-Bromofluorobenzene	104	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-115A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-009
Matrix:	WATER	**Lab WorkOrder:**	J1HN52AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 09:30
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 17:27
Sample Aliquot:	0.4 mL	**Instrument ID:**	R2
Dilution Factor:	50		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	250		
71-55-6	1,1,1-Trichloroethane	ND	100		
79-34-5	1,1,2,2-Tetrachloroethane	ND	50		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	150		
79-00-5	1,1,2-Trichloroethane	ND	50		
75-34-3	1,1-Dichloroethane	ND	100		
75-35-4	1,1-Dichloroethene	ND	100		
563-58-6	1,1-Dichloropropene	ND	100		
87-61-6	1,2,3-Trichlorobenzene	ND	250		
96-18-4	1,2,3-Trichloropropane	ND	500		
120-82-1	1,2,4-Trichlorobenzene	ND	250		
95-63-6	1,2,4-Trimethylbenzene	ND	100		
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	250		
106-93-4	1,2-Dibromoethane (EDB)	ND	100		
95-50-1	1,2-Dichlorobenzene	ND	50		
107-06-2	1,2-Dichloroethane	ND	50		
78-87-5	1,2-Dichloropropane	ND	100		
108-67-8	1,3,5-Trimethylbenzene	ND	100	L1	
541-73-1	1,3-Dichlorobenzene	ND	50		
142-28-9	1,3-Dichloropropane	ND	100		
106-46-7	1,4-Dichlorobenzene	ND	50		
594-20-7	2,2-Dichloropropane	ND	100		
78-93-3	2-Butanone (MEK)	ND	500		
110-75-8	2-Chloroethyl vinyl ether	ND	150		
95-49-8	2-Chlorotoluene	ND	250		
591-78-6	2-Hexanone	ND	500		
106-43-4	4-Chlorotoluene	ND	250		
108-10-1	4-Methyl-2-pentanone	ND	500		
67-64-1	Acetone	ND	1000		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-115A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-009
Matrix:	WATER	**Lab WorkOrder:**	J1HN52AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 09:30
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 17:27
Sample Aliquot:	0.4 mL	**Instrument ID:**	R2
Dilution Factor:	50		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**2400**	50		
108-86-1	Bromobenzene	ND	250		
74-97-5	Bromochloromethane	ND	250		
75-27-4	Bromodichloromethane	ND	50		
75-25-2	Bromoform	ND	250		
74-83-9	Bromomethane	ND	250		
75-15-0	Carbon disulfide	ND	250		
56-23-5	Carbon tetrachloride	ND	100		
108-90-7	Chlorobenzene	ND	50		
124-48-1	Chlorodibromomethane	ND	100		
75-00-3	Chloroethane	ND	250		
67-66-3	Chloroform	ND	100		
74-87-3	Chloromethane	ND	250		
156-59-2	cis-1,2-Dichloroethene	ND	100		
10061-01-5	cis-1,3-Dichloropropene	ND	100		
74-95-3	Dibromomethane	ND	100		
75-71-8	Dichlorodifluoromethane	ND	250		
100-41-4	Ethylbenzene	**660**	100		
87-68-3	Hexachlorobutadiene	ND	250		
74-88-4	Iodomethane	ND	500		
98-82-8	Isopropylbenzene	ND	100		
1634-04-4	Methyl tert-butyl ether	**550**	250		
75-09-2	Methylene chloride	ND	250		
91-20-3	Naphthalene	**340**	100		
104-51-8	n-Butylbenzene	ND	250		
103-65-1	n-Propylbenzene	ND	100		
99-87-6	p-Isopropyltoluene	ND	100		
135-98-8	sec-Butylbenzene	ND	250		
100-42-5	Styrene	ND	100		

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-115A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-009
Matrix:	WATER	**Lab WorkOrder:**	J1HN52AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 09:30
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 17:27
Sample Aliquot:	0.4 mL	**Instrument ID:**	R2
Dilution Factor:	50		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	250		
127-18-4	Tetrachloroethene	ND	50		
108-88-3	Toluene	ND	100		
156-60-5	trans-1,2-Dichloroethene	ND	100		
10061-02-6	trans-1,3-Dichloropropene	ND	100		
79-01-6	Trichloroethene	ND	50		
75-69-4	Trichlorofluoromethane	ND	250		
108-05-4	Vinyl acetate	ND	1200		
75-01-4	Vinyl chloride	ND	50		
1330-20-7	Xylenes (total)	ND	500		

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	89	70	127		
2037-26-5	Toluene-d8	98	83	125		
1868-53-7	Dibromofluoromethane	93	77	119		
460-00-4	4-Bromofluorobenzene	99	78	118		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F260000-031B
Matrix:	WATER	**Lab WorkOrder:**	J1RM31AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 07:45
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	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.79	0.79	3.0	
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	L1
108-05-4	Vinyl acetate	0.94	0.94	25	

Form 1 Prep Blank Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F260000-031B
Matrix:	WATER	**Lab WorkOrder:**	J1RM31AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 07:45
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-01-4	Vinyl chloride	0.17	0.17	1.0	
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	
110-75-8	2-Chloroethyl vinyl ether	0.74	0.74	3.0	
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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F260000-031B
Matrix:	WATER	**Lab WorkOrder:**	J1RM31AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 07:45
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	
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	83	70	127	
2037-26-5	Toluene-d8	97	83	125	
1868-53-7	Dibromofluoromethane	89	77	119	
460-00-4	4-Bromofluorobenzene	93	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: TESTAMERICA DENVER **Extraction** I25QK9H

Lot/SDG Number: D7F210295 **QC Batch ID:** 7177031

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
LAB MS/MSD MS	J03FM1AD	86	101	94	99					0
LAB MS/MSD MSD	J03FM1AE	81	98	92	100					0
ASE-38A-7B1	J1HN01AA	86	101	88	100					0
ASE-38A-7B1	J1HN02AA	85	94	90	94					0
ASE-116A-7B1	J1HN21AA	87	99	91	97					0
ASE-116A-7B1	J1HN22AA	88	93	91	94					0
ASE-115A-7B1	J1HN51AA	88	104	92	104					0
ASE-115A-7B1	J1HN52AA	89	99	93	98					0
TB-062007	J1HNA1AA	79	100	88	103					0
ASE-111A-7B1	J1HNH1AA	81	101	87	110					0
ASE-111A-7B1	J1HNH2AA	84	97	89	98					0
PL-508-7B1	J1HNL1AA	87	104	92	107					0
PL-508-7B1	J1HNL2AA	84	97	91	98					0
ASE-64A-7B1	J1HNN1AA	83	96	90	104					0
ASE-64A-7B1	J1HNN2AA	89	96	93	96					0
ASE-63A-7B1	J1HNV1AA	85	99	89	99					0
ASE-39A-7B1	J1HNW1AA	81	98	86	103					0
ASE-39A-7B1	J1HNW2AA	85	94	90	95					0
INTRA-LAB BLANK	J1RM31AA	83	93	89	97					0
CHECK SAMPLE	J1RM31AC	82	97	89	99					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:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F260000-031C
Matrix:	WATER	**Lab WorkOrder:**	J1RM31AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 07:07
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	5.15	103		72 - 117
Acetone	10.0	5.72	57		48 - 130
Ethylbenzene	5.00	5.64	113		78 - 118
Trichlorofluoromethane	5.00	5.73	115		63 - 135
Hexachlorobutadiene	5.00	3.98	80		73 - 123
2-Hexanone	10.0	9.29	93		57 - 121
Isopropylbenzene	5.00	4.98	100		71 - 111
p-Isopropyltoluene	5.00	4.91	98		76 - 113
Methylene chloride	5.00	5.16	103		71 - 119
4-Methyl-2-pentanone	10.0	9.41	94		65 - 118
Naphthalene	5.00	3.35	67		62 - 121
Benzene	5.00	4.49	90		77 - 118
n-Propylbenzene	5.00	5.75	115		76 - 116
Styrene	5.00	5.33	107		77 - 117
1,1,1,2-Tetrachloroethane	5.00	4.91	98		77 - 117
1,1,2,2-Tetrachloroethane	5.00	5.16	103		73 - 119
Tetrachloroethene	5.00	5.27	105		77 - 117
Toluene	5.00	5.63	113		73 - 120
1,2,3-Trichlorobenzene	5.00	3.89	78		66 - 123
1,2,4-Trichlorobenzene	5.00	4.05	81		73 - 121
1,1,1-Trichloroethane	5.00	5.25	105		78 - 118
1,1,2-Trichloroethane	5.00	5.21	104		76 - 116
Trichloroethene	5.00	4.48	90		78 - 122
1,2,3-Trichloropropane	5.00	5.42	108		72 - 120
1,2,4-Trimethylbenzene	5.00	5.81	116		77 - 117
1,3,5-Trimethylbenzene	5.00	6.12	122	L1	77 - 117
Vinyl acetate	5.00	4.14	83		63 - 124
Vinyl chloride	5.00	5.28	106		49 - 136
Xylenes (total)	15.0	16.6	111		77 - 117

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F260000-031C
Matrix:	WATER	**Lab WorkOrder:**	J1RM31AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 07:07
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Methyl tert-butyl ether	10.0	8.84	88		58 - 116
Bromobenzene	5.00	5.53	111		75 - 115
Bromochloromethane	5.00	4.41	88		78 - 118
Bromodichloromethane	5.00	4.62	92		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	4.09	82		65 - 117
1,2-Dibromoethane (EDB)	5.00	5.23	105		77 - 117
2-Butanone (MEK)	10.0	8.50	85		57 - 120
Bromoform	5.00	4.94	99		74 - 121
Bromomethane	5.00	5.39	108		42 - 154
n-Butylbenzene	5.00	5.27	105		76 - 117
sec-Butylbenzene	5.00	5.55	111		80 - 120
tert-Butylbenzene	5.00	5.47	109		76 - 116
Carbon disulfide	5.00	3.62	72		56 - 104
Carbon tetrachloride	5.00	5.05	101		80 - 120
Chlorobenzene	5.00	5.12	102		78 - 118
Chlorodibromomethane	5.00	4.64	93		76 - 116
Chloroethane	5.00	5.33	107		51 - 133
2-Chloroethyl vinyl ether	5.00	5.17	103		17 - 150
Chloroform	5.00	4.88	98		78 - 118
Chloromethane	5.00	5.66	113		46 - 142
2-Chlorotoluene	5.00	5.49	110		76 - 116
4-Chlorotoluene	5.00	5.26	105		78 - 118
Dibromomethane	5.00	4.91	98		77 - 117
1,2-Dichlorobenzene	5.00	4.74	95		76 - 116
1,3-Dichlorobenzene	5.00	5.04	101		75 - 115
1,4-Dichlorobenzene	5.00	5.02	100		77 - 117
Dichlorodifluoromethane	5.00	5.68	114		56 - 140
1,1-Dichloroethane	5.00	5.14	103		77 - 117
1,2-Dichloroethane	5.00	4.80	96		74 - 120

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F260000-031C
Matrix:	WATER	**Lab WorkOrder:**	J1RM31AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 07:07
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethene	5.00	5.54	111		68 - 133
cis-1,2-Dichloroethene	5.00	4.96	99		75 - 115
trans-1,2-Dichloroethene	5.00	5.16	103		80 - 120
1,2-Dichloropropane	5.00	4.76	95		76 - 116
1,3-Dichloropropane	5.00	5.29	106		75 - 115
2,2-Dichloropropane	5.00	5.35	107		72 - 128
1,1-Dichloropropene	5.00	4.97	99		75 - 115
cis-1,3-Dichloropropene	5.00	5.28	106		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	99	83	125	
1868-53-7	Dibromofluoromethane	89	77	119	
460-00-4	4-Bromofluorobenzene	97	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7F210295	**MS Lab Sample ID:**	D7F140457-009S
Matrix:	WATER	**MS Lab WorkOrder:**	J03FM1AD
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:38
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		4.73	95		77 - 117
1,1,1-Trichloroethane	5.00	0.16		4.89	98		78 - 118
1,1,2,2-Tetrachloroethane	5.00	0.20		5.24	105		73 - 119
1,1,2-Trichloroethane	5.00	0.32		5.39	108		76 - 116
1,1-Dichloroethane	5.00	0.16		4.83	97		77 - 117
1,1-Dichloroethene	5.00	0.14		5.58	107		68 - 133
1,1-Dichloropropene	5.00	0.15		4.74	95		75 - 115
1,2,3-Trichlorobenzene	5.00	0.18		4.09	82		66 - 123
1,2,3-Trichloropropane	5.00	0.27		5.23	105		72 - 120
1,2,4-Trichlorobenzene	5.00	0.32		4.20	84		73 - 121
1,2,4-Trimethylbenzene	5.00	0.14		5.19	104		77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	5.00	1.5		4.16	83		65 - 117
1,2-Dibromoethane (EDB)	5.00	0.18		5.32	106		77 - 117
1,2-Dichlorobenzene	5.00	0.13		4.51	90		76 - 116
1,2-Dichloroethane	5.00	0.13		4.74	95		74 - 120
1,2-Dichloropropane	5.00	0.13		4.81	96		76 - 116
1,3,5-Trimethylbenzene	5.00	0.14		5.24	105	L1	77 - 117
1,3-Dichlorobenzene	5.00	0.16		4.58	92		75 - 115
1,3-Dichloropropane	5.00	0.15		5.13	103		75 - 115
1,4-Dichlorobenzene	5.00	0.16		4.73	95		77 - 117
2,2-Dichloropropane	5.00	0.20		4.73	95		72 - 128
2-Butanone (MEK)	10.0	1.8		9.49	95		57 - 120
2-Chloroethyl vinyl ether	5.00	0.74		0.74	0.0	M2	17 - 150
2-Chlorotoluene	5.00	0.17		4.88	98		76 - 116
2-Hexanone	10.0	1.4		10.2	102		57 - 121
4-Chlorotoluene	5.00	0.17		4.73	95		78 - 118
4-Methyl-2-pentanone	10.0	0.49		10.8	108		65 - 118
Acetone	10.0	1.9		5.31	53		48 - 130
Benzene	5.00	0.16		4.32	86		77 - 118
Bromobenzene	5.00	0.17		5.12	102		75 - 115

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7F210295	**MS Lab Sample ID:**	D7F140457-009S
Matrix:	WATER	**MS Lab WorkOrder:**	J03FM1AD
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:38
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Bromochloromethane	5.00	0.10		4.25	85		78 - 118
Bromodichloromethane	5.00	0.17		4.54	91		78 - 118
Bromoform	5.00	0.19		4.75	95		74 - 121
Bromomethane	5.00	0.21		4.14	83		42 - 154
Carbon disulfide	5.00	0.45		3.21	64		56 - 104
Carbon tetrachloride	5.00	0.19		4.56	91		80 - 120
Chlorobenzene	5.00	0.17		5.09	102		78 - 118
Chlorodibromomethane	5.00	0.17		4.65	93		76 - 116
Chloroethane	5.00	0.41		4.95	99		51 - 133
Chloroform	5.00	0.16		4.83	97		78 - 118
Chloromethane	5.00	0.30		4.97	99		46 - 142
cis-1,2-Dichloroethene	5.00	0.15		4.80	96		75 - 115
cis-1,3-Dichloropropene	5.00	0.16		5.04	101		76 - 116
Dibromomethane	5.00	0.17		4.81	96		77 - 117
Dichlorodifluoromethane	5.00	0.31		5.11	102		56 - 140
Ethylbenzene	5.00	0.16		5.42	108		78 - 118
Hexachlorobutadiene	5.00	0.12		3.77	75		73 - 123
Isopropylbenzene	5.00	0.19		4.76	95		71 - 111
Methyl tert-butyl ether	10.0	0.25		9.37	94		58 - 116
Methylene chloride	5.00	0.32		4.53	91		71 - 119
n-Butylbenzene	5.00	0.14		4.81	96		76 - 117
n-Propylbenzene	5.00	0.16		4.96	99		76 - 116
Naphthalene	5.00	0.22		3.79	68		62 - 121
p-Isopropyltoluene	5.00	0.17		4.35	87		76 - 113
sec-Butylbenzene	5.00	0.17		5.03	101		80 - 120
Styrene	5.00	0.17		4.48	90		77 - 117
tert-Butylbenzene	5.00	0.16		4.84	97		76 - 116
Tetrachloroethene	5.00	0.20		5.69	101		77 - 117
Toluene	5.00	0.17		5.48	106		73 - 120
trans-1,2-Dichloroethene	5.00	0.15		4.95	99		80 - 120

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7F210295	**MS Lab Sample ID:**	D7F140457-009S
Matrix:	WATER	**MS Lab WorkOrder:**	J03FM1AD
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:38
MS Sample Aliquot:	20 mL	**Instrument ID:**	R2
MS Dilution Factor:	1		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
trans-1,3-Dichloropropene	5.00	0.19		5.24	105		72 - 117
Trichloroethene	5.00	0.16		4.35	83		78 - 122
Trichlorofluoromethane	5.00	0.29		5.51	110		63 - 135
Vinyl acetate	5.00	0.94		3.66	73		63 - 124
Vinyl chloride	5.00	0.17		5.06	101		49 - 136
Xylenes (total)	15.0	0.19		15.8	106		77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	86	70	127	
460-00-4	4-Bromofluorobenzene	101	78	118	
1868-53-7	Dibromofluoromethane	94	77	119	
2037-26-5	Toluene-d8	99	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7F210295	**MSD Lab Sample ID:**	D7F140457-009D
Matrix:	WATER	**MSD Lab WorkOrder:**	J03FM1AE
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:57
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		4.98	100	5.2		77 - 117	20
1,1,1-Trichloroethane	5.00	0.16		5.07	101	3.6		78 - 118	20
1,1,2,2-Tetrachloroethane	5.00	0.20		5.64	113	7.4		73 - 119	20
1,1,2-Trichloroethane	5.00	0.32		5.27	105	2.3		76 - 116	21
1,1-Dichloroethane	5.00	0.16		5.07	101	4.7		77 - 117	21
1,1-Dichloroethene	5.00	0.14		5.57	107	0.30		68 - 133	20
1,1-Dichloropropene	5.00	0.15		4.82	96	1.7		75 - 115	21
1,2,3-Trichlorobenzene	5.00	0.18		4.47	89	8.9		66 - 123	29
1,2,3-Trichloropropane	5.00	0.27		6.10	122	15	M1	72 - 120	23
1,2,4-Trichlorobenzene	5.00	0.32		4.70	94	11		73 - 121	25
1,2,4-Trimethylbenzene	5.00	0.14		5.80	116	11		77 - 117	20
1,2-Dibromo-3-chloroprop	5.00	1.5		4.40	88	5.7		65 - 117	22
1,2-Dibromoethane (EDB)	5.00	0.18		5.50	110	3.3		77 - 117	20
1,2-Dichlorobenzene	5.00	0.13		5.00	100	10		76 - 116	20
1,2-Dichloroethane	5.00	0.13		4.86	97	2.6		74 - 120	20
1,2-Dichloropropane	5.00	0.13		5.00	100	4.0		76 - 116	20
1,3,5-Trimethylbenzene	5.00	0.14		5.81	116	10	L1	77 - 117	20
1,3-Dichlorobenzene	5.00	0.16		4.96	99	8.0		75 - 115	20
1,3-Dichloropropane	5.00	0.15		5.60	112	8.6		75 - 115	20
1,4-Dichlorobenzene	5.00	0.16		5.02	100	5.9		77 - 117	23
2,2-Dichloropropane	5.00	0.20		5.00	100	5.6		72 - 128	24
2-Butanone (MEK)	10.0	1.8		9.50	95	0.060		57 - 120	32
2-Chloroethyl vinyl ether	5.00	0.74		0.74	0.0	0.0	M2	17 - 150	31
2-Chlorotoluene	5.00	0.17		5.15	103	5.3		76 - 116	20
2-Hexanone	10.0	1.4		10.0	100	1.7		57 - 121	25

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7F210295	**MSD Lab Sample ID:**	D7F140457-009D
Matrix:	WATER	**MSD Lab WorkOrder:**	J03FM1AE
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:57
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
4-Chlorotoluene	5.00	0.17		5.10	102	7.5		78 - 118	20
4-Methyl-2-pentanone	10.0	0.49		9.75	98	10		65 - 118	22
Acetone	10.0	1.9		6.19	62	15		48 - 130	41
Benzene	5.00	0.16		4.43	89	2.6		77 - 118	20
Bromobenzene	5.00	0.17		5.62	112	9.5		75 - 115	20
Bromochloromethane	5.00	0.10		4.59	92	7.7		78 - 118	20
Bromodichloromethane	5.00	0.17		4.81	96	5.7		78 - 118	20
Bromoform	5.00	0.19		5.27	105	10		74 - 121	21
Bromomethane	5.00	0.21		4.76	95	14		42 - 154	24
Carbon disulfide	5.00	0.45		3.62	72	12		56 - 104	20
Carbon tetrachloride	5.00	0.19		4.81	96	5.5		80 - 120	21
Chlorobenzene	5.00	0.17		5.33	107	4.7		78 - 118	20
Chlorodibromomethane	5.00	0.17		4.85	97	4.2		76 - 116	20
Chloroethane	5.00	0.41		5.32	106	7.0		51 - 133	25
Chloroform	5.00	0.16		5.05	101	4.4		78 - 118	20
Chloromethane	5.00	0.30		5.27	105	5.8		46 - 142	24
cis-1,2-Dichloroethene	5.00	0.15		5.17	103	7.4		75 - 115	20
cis-1,3-Dichloropropene	5.00	0.16		5.47	109	8.3		76 - 116	20
Dibromomethane	5.00	0.17		5.04	101	4.6		77 - 117	20
Dichlorodifluoromethane	5.00	0.31		5.47	109	6.7		56 - 140	24
Ethylbenzene	5.00	0.16		5.60	112	3.3		78 - 118	26
Hexachlorobutadiene	5.00	0.12		4.13	83	9.2		73 - 123	25
Isopropylbenzene	5.00	0.19		5.09	102	6.7		71 - 111	20
Methyl tert-butyl ether	10.0	0.25		9.88	99	5.3		58 - 116	21
Methylene chloride	5.00	0.32		4.94	99	8.7		71 - 119	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7F210295	**MSD Lab Sample ID:**	D7F140457-009D
Matrix:	WATER	**MSD Lab WorkOrder:**	J03FM1AE
% Moisture:	N/A	**Date/Time Collected:**	06/13/07 11:38
Basis:	Wet	**Date/Time Received:**	06/14/07 09:00
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/25/07 06:17
QC Batch ID:	7177031	**Date/Time Analyzed:**	06/25/07 11:57
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
n-Butylbenzene	5.00	0.14		5.06	101	5.2		76 - 117	21
n-Propylbenzene	5.00	0.16		5.49	110	10		76 - 116	20
Naphthalene	5.00	0.22		4.36	79	14		62 - 121	32
p-Isopropyltoluene	5.00	0.17		4.66	93	6.9		76 - 113	20
sec-Butylbenzene	5.00	0.17		5.53	111	9.5		80 - 120	21
Styrene	5.00	0.17		3.89	78	14		77 - 117	20
tert-Butylbenzene	5.00	0.16		5.13	103	5.7		76 - 116	21
Tetrachloroethene	5.00	0.20		5.82	104	2.2		77 - 117	20
Toluene	5.00	0.17		5.81	113	5.7		73 - 120	20
trans-1,2-Dichloroethene	5.00	0.15		5.34	107	7.5		80 - 120	24
trans-1,3-Dichloropropene	5.00	0.19		5.48	110	4.4		72 - 117	20
Trichloroethene	5.00	0.16		4.66	90	6.9		78 - 122	20
Trichlorofluoromethane	5.00	0.29		5.69	114	3.2		63 - 135	20
Vinyl acetate	5.00	0.94		3.93	79	6.9		63 - 124	24
Vinyl chloride	5.00	0.17		5.31	106	4.7		49 - 136	24
Xylenes (total)	15.0	0.19		16.5	110	3.9		77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	81	70	127	
460-00-4	4-Bromofluorobenzene	98	78	118	
1868-53-7	Dibromofluoromethane	92	77	119	
2037-26-5	Toluene-d8	100	83	125	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	TESTAMERICA DENVER	**Lab File ID:**	RR0804.D
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F260000-031B
Matrix:	WATER	**Lab Work Order:**	J1RM31AA
Analysis Method:	8260B	**Date/Time Extracted:**	06/25/07 06:17
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	06/25/07 07:45
QC Batch ID:	7177031	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
LAB MS/MSD MS	J03FM1AD S	RR0804.D	06/25/07	11:38
LAB MS/MSD MSD	J03FM1AE D	RR0805.D	06/25/07	11:57
ASE-38A-7B1	J1HN01AA	RR0817.D	06/25/07	15:51
ASE-38A-7B1	J1HN02AA	RR0818.D	06/25/07	16:11
ASE-116A-7B1	J1HN21AA	RR0819.D	06/25/07	16:30
ASE-116A-7B1	J1HN22AA	RR0820.D	06/25/07	16:49
ASE-115A-7B1	J1HN51AA	RR0821.D	06/25/07	17:08
ASE-115A-7B1	J1HN52AA	RR0822.D	06/25/07	17:27
TB-062007	J1HNA1AA	RR0808.D	06/25/07	12:56
ASE-111A-7B1	J1HNH1AA	RR0809.D	06/25/07	13:16
ASE-111A-7B1	J1HNH2AA	RR0810.D	06/25/07	13:35
PL-508-7B1	J1HNL1AA	RR0811.D	06/25/07	13:54
PL-508-7B1	J1HNL2AA	RR0812.D	06/25/07	14:13
ASE-64A-7B1	J1HNN1AA	RR0813.D	06/25/07	14:34
ASE-64A-7B1	J1HNN2AA	RR0814.D	06/25/07	14:53
ASE-63A-7B1	J1HNV1AA	RR0823.D	06/25/07	17:46
ASE-39A-7B1	J1HNW1AA	RR0815.D	06/25/07	15:13
ASE-39A-7B1	J1HNW2AA	RR0816.D	06/25/07	15:32
CHECK SAMPLE	J1RM31AC C	RR0790.D	06/25/07	07:07

STL

Volatile GC/MS

Lot ID: D7F210295

Client: CH2M Hill

Method: SW846 8260B

Associated Samples: -005

Batch: 7183257

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-63A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-005
Matrix:	WATER	**Lab WorkOrder:**	J1HNV2AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 11:46
Sample Aliquot:	0.15 mL	**Instrument ID:**	R2
Dilution Factor:	133.3		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
630-20-6	1,1,1,2-Tetrachloroethane	ND	670	D2	
71-55-6	1,1,1-Trichloroethane	ND	270	D2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	130	D2	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	400	D2	
79-00-5	1,1,2-Trichloroethane	ND	130	D2	
75-34-3	1,1-Dichloroethane	ND	270	D2	
75-35-4	1,1-Dichloroethene	ND	270	D2	
563-58-6	1,1-Dichloropropene	ND	270	D2	
87-61-6	1,2,3-Trichlorobenzene	ND	670	D2	
96-18-4	1,2,3-Trichloropropane	ND	1300	D2	
120-82-1	1,2,4-Trichlorobenzene	ND	670	D2	
95-63-6	1,2,4-Trimethylbenzene	ND	270	D2	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	670	D2	
106-93-4	1,2-Dibromoethane (EDB)	ND	270	D2	
95-50-1	1,2-Dichlorobenzene	ND	130	D2	
107-06-2	1,2-Dichloroethane	ND	130	D2	
78-87-5	1,2-Dichloropropane	ND	270	D2	
108-67-8	1,3,5-Trimethylbenzene	ND	270	D2	
541-73-1	1,3-Dichlorobenzene	ND	130	D2	
142-28-9	1,3-Dichloropropane	ND	270	D2	
106-46-7	1,4-Dichlorobenzene	ND	130	2D	
594-20-7	2,2-Dichloropropane	ND	270	2D	
78-93-3	2-Butanone (MEK)	ND	1300	M1D2	
110-75-8	2-Chloroethyl vinyl ether	ND	400	D2	
95-49-8	2-Chlorotoluene	ND	670	D2	
591-78-6	2-Hexanone	ND	1300	D2	
106-43-4	4-Chlorotoluene	ND	670	D2	
108-10-1	4-Methyl-2-pentanone	ND	1300	D2	
67-64-1	Acetone	ND	2700	D2	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-63A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-005
Matrix:	WATER	**Lab WorkOrder:**	J1HNV2AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 11:46
Sample Aliquot:	0.15 mL	**Instrument ID:**	R2
Dilution Factor:	133.3		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
71-43-2	Benzene	**3700**	130	D2	
108-86-1	Bromobenzene	ND	670	D2	
74-97-5	Bromochloromethane	ND	670	D2	
75-27-4	Bromodichloromethane	ND	130	D2	
75-25-2	Bromoform	ND	670	D2	
74-83-9	Bromomethane	ND	670	D2	
75-15-0	Carbon disulfide	ND	670	D2	
56-23-5	Carbon tetrachloride	ND	270	D2	
108-90-7	Chlorobenzene	ND	130	D2	
124-48-1	Chlorodibromomethane	ND	270	D2	
75-00-3	Chloroethane	ND	670	D2	
67-66-3	Chloroform	ND	270	D2	
74-87-3	Chloromethane	ND	670	D2	
156-59-2	cis-1,2-Dichloroethene	ND	270	D2	
10061-01-5	cis-1,3-Dichloropropene	ND	270	D2	
74-95-3	Dibromomethane	ND	270	D2	
75-71-8	Dichlorodifluoromethane	ND	670	D2	
100-41-4	Ethylbenzene	**720**	270	D2	
87-68-3	Hexachlorobutadiene	ND	670	D2	
74-88-4	Iodomethane	ND	1300	D2	
98-82-8	Isopropylbenzene	ND	270	D2	
1634-04-4	Methyl tert-butyl ether	ND	670	D2	
75-09-2	Methylene chloride	ND	670	D2	
91-20-3	Naphthalene	ND	270	D2	
104-51-8	n-Butylbenzene	ND	670	D2	
103-65-1	n-Propylbenzene	ND	270	D2	
99-87-6	p-Isopropyltoluene	ND	130	D2	
135-98-8	sec-Butylbenzene	ND	670	D2	
100-42-5	Styrene	ND	270	D2	

Form 1 Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-63A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-005
Matrix:	WATER	**Lab WorkOrder:**	J1HNV2AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 11:46
Sample Aliquot:	0.15 mL	**Instrument ID:**	R2
Dilution Factor:	133.3		

CAS No.	Analyte	Conc.	RL	Az Q	Lab Q
98-06-6	tert-Butylbenzene	ND	670	D2	
127-18-4	Tetrachloroethene	ND	130	D2	
108-88-3	Toluene	ND	270	D2	
156-60-5	trans-1,2-Dichloroethene	ND	270	D2	
10061-02-6	trans-1,3-Dichloropropene	ND	270	D2	
79-01-6	Trichloroethene	ND	130	D2	
75-69-4	Trichlorofluoromethane	ND	670	D2	
108-05-4	Vinyl acetate	ND	3300	D2	
75-01-4	Vinyl chloride	ND	130	D2	
1330-20-7	Xylenes (total)	ND	1300	D2	

CAS No.	Surrogate	% Rec	Lower L	Upper L	AZ Q	LAB Q
17060-07-0	1,2-Dichloroethane-d4	89	70	127	D2	
2037-26-5	Toluene-d8	102	83	125	D2	
1868-53-7	Dibromofluoromethane	94	77	119	D2	
460-00-4	4-Bromofluorobenzene	97	78	118	D2	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7G020000-257B
Matrix:	WATER	**Lab WorkOrder:**	J17521AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 07:52
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	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.79	0.79	3.0	
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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7G020000-257B
Matrix:	WATER	**Lab WorkOrder:**	J17521AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 07:52
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-01-4	Vinyl chloride	0.17	0.17	1.0	
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	
110-75-8	2-Chloroethyl vinyl ether	0.74	0.74	3.0	
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	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7G020000-257B
Matrix:	WATER	**Lab WorkOrder:**	J17521AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 07:52
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Q
75-34-3	1,1-Dichloroethane	0.16	0.16	2.0	
107-06-2	1,2-Dichloroethane	0.13	0.13	1.0	
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	102	83	125	
1868-53-7	Dibromofluoromethane	95	77	119	
460-00-4	4-Bromofluorobenzene	98	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: TESTAMERICA DENVER **Extraction** I25QK9H

Lot/SDG Number: D7F210295 **QC Batch ID:** 7183257

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
INTRA-LAB BLANK	J17521AA	90	98	95	102					0
CHECK SAMPLE	J17521AC	89	95	95	101					0
ASE-63A-7B1 MS	J1HNV1AK	88	97	95	102					0
ASE-63A-7B1 MSD	J1HNV1AL	90	99	93	102					0
ASE-63A-7B1	J1HNV2AA	89	97	94	102					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:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7G020000-257C
Matrix:	WATER	**Lab WorkOrder:**	J17521AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 07:15
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	5.00	5.13	103		72 - 117
Acetone	10.0	9.23	92		48 - 130
Ethylbenzene	5.00	4.96	99		78 - 118
Trichlorofluoromethane	5.00	5.09	102		63 - 135
Hexachlorobutadiene	5.00	5.64	113		73 - 123
2-Hexanone	10.0	8.34	83		57 - 121
Isopropylbenzene	5.00	4.64	93		71 - 111
p-Isopropyltoluene	5.00	5.20	104		76 - 113
Methylene chloride	5.00	4.37	87		71 - 119
4-Methyl-2-pentanone	10.0	8.76	88		65 - 118
Naphthalene	5.00	5.26	105		62 - 121
Benzene	5.00	5.37	107		77 - 118
n-Propylbenzene	5.00	5.60	112		76 - 116
Styrene	5.00	5.08	102		77 - 117
1,1,1,2-Tetrachloroethane	5.00	5.07	101		77 - 117
1,1,2,2-Tetrachloroethane	5.00	4.90	98		73 - 119
Tetrachloroethene	5.00	4.99	100		77 - 117
Toluene	5.00	5.08	102		73 - 120
1,2,3-Trichlorobenzene	5.00	4.80	96		66 - 123
1,2,4-Trichlorobenzene	5.00	5.07	101		73 - 121
1,1,1-Trichloroethane	5.00	5.20	104		78 - 118
1,1,2-Trichloroethane	5.00	4.90	98		76 - 116
Trichloroethene	5.00	5.41	108		78 - 122
1,2,3-Trichloropropane	5.00	4.70	94		72 - 120
1,2,4-Trimethylbenzene	5.00	5.19	104		77 - 117
1,3,5-Trimethylbenzene	5.00	5.08	102		77 - 117
Vinyl acetate	5.00	4.28	86		63 - 124
Vinyl chloride	5.00	5.07	101		49 - 136
Xylenes (total)	15.0	15.0	100		77 - 117

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7G020000-257C
Matrix:	WATER	**Lab WorkOrder:**	J17521AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 07:15
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Methyl tert-butyl ether	10.0	9.78	98		58 - 116
Bromobenzene	5.00	5.15	103		75 - 115
Bromochloromethane	5.00	5.07	101		78 - 118
Bromodichloromethane	5.00	4.73	95		78 - 118
1,2-Dibromo-3-chloropropane (DBCP)	5.00	5.00	100		65 - 117
1,2-Dibromoethane (EDB)	5.00	4.64	93		77 - 117
2-Butanone (MEK)	10.0	9.57	96		57 - 120
Bromoform	5.00	4.59	92		74 - 121
Bromomethane	5.00	4.80	96		42 - 154
n-Butylbenzene	5.00	5.21	104		76 - 117
sec-Butylbenzene	5.00	5.79	116		80 - 120
tert-Butylbenzene	5.00	5.36	107		76 - 116
Carbon disulfide	5.00	4.07	81		56 - 104
Carbon tetrachloride	5.00	5.11	102		80 - 120
Chlorobenzene	5.00	4.91	98		78 - 118
Chlorodibromomethane	5.00	4.87	97		76 - 116
Chloroethane	5.00	4.84	97		51 - 133
2-Chloroethyl vinyl ether	5.00	4.34	87		17 - 150
Chloroform	5.00	4.90	98		78 - 118
Chloromethane	5.00	5.09	102		46 - 142
2-Chlorotoluene	5.00	5.51	110		76 - 116
4-Chlorotoluene	5.00	5.28	106		78 - 118
Dibromomethane	5.00	4.76	95		77 - 117
1,2-Dichlorobenzene	5.00	5.03	101		76 - 116
1,3-Dichlorobenzene	5.00	5.16	103		75 - 115
1,4-Dichlorobenzene	5.00	5.09	102		77 - 117
Dichlorodifluoromethane	5.00	5.17	103		56 - 140
1,1-Dichloroethane	5.00	5.35	107		77 - 117
1,2-Dichloroethane	5.00	4.94	99		74 - 120

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7G020000-257C
Matrix:	WATER	**Lab WorkOrder:**	J17521AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 07:15
Sample Aliquot:	20 mL	**Instrument ID:**	R2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
1,1-Dichloroethene	5.00	5.68	114		68 - 133
cis-1,2-Dichloroethene	5.00	4.98	100		75 - 115
trans-1,2-Dichloroethene	5.00	5.40	108		80 - 120
1,2-Dichloropropane	5.00	5.01	100		76 - 116
1,3-Dichloropropane	5.00	4.72	94		75 - 115
2,2-Dichloropropane	5.00	5.86	117		72 - 128
1,1-Dichloropropene	5.00	5.30	106		75 - 115
cis-1,3-Dichloropropene	5.00	5.23	105		76 - 116

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	89	70	127	
2037-26-5	Toluene-d8	101	83	125	
1868-53-7	Dibromofluoromethane	95	77	119	
460-00-4	4-Bromofluorobenzene	95	78	118	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-63A-7B1
Lot/SDG Number:	D7F210295	**MS Lab Sample ID:**	D7F210295-005S
Matrix:	WATER	**MS Lab WorkOrder:**	J1HNV1AK
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 12:04
MS Sample Aliquot:	0.15 mL	**Instrument ID:**	R2
MS Dilution Factor:	133.3		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
1,1,1,2-Tetrachloroethane	667	23	D2	700	105	D2	77 - 117
1,1,1-Trichloroethane	667	21	D2	695	104	D2	78 - 118
1,1,2,2-Tetrachloroethane	667	27	D2	691	104	D2	73 - 119
1,1,2-Trichloroethane	667	43	D2	727	109	D2	76 - 116
1,1-Dichloroethane	667	21	D2	699	105	D2	77 - 117
1,1-Dichloroethene	667	19	D2	737	111	D2	68 - 133
1,1-Dichloropropene	667	20	D2	706	106	D2	75 - 115
1,2,3-Trichlorobenzene	667	24	D2	619	88	D2	66 - 123
1,2,3-Trichloropropane	667	36	D2	655	98	D2	72 - 120
1,2,4-Trichlorobenzene	667	43	D2	648	97	D2	73 - 121
1,2,4-Trimethylbenzene	667	19	D2	692	104	D2	77 - 117
1,2-Dibromo-3-chloropropane (DBCP)	667	200	D2	701	105	D2	65 - 117
1,2-Dibromoethane (EDB)	667	24	D2	667	100	D2	77 - 117
1,2-Dichlorobenzene	667	17	D2	672	101	D2	76 - 116
1,2-Dichloroethane	667	17	D2	861	129	M1D2	74 - 120
1,2-Dichloropropane	667	17	D2	714	107	D2	76 - 116
1,3,5-Trimethylbenzene	667	19	D2	689	103	D2	77 - 117
1,3-Dichlorobenzene	667	21	D2	677	102	D2	75 - 115
1,3-Dichloropropane	667	20	D2	660	99	D2	75 - 115
1,4-Dichlorobenzene	667	21	2D	674	101	D2	77 - 117
2,2-Dichloropropane	667	27	2D	791	119	D2	72 - 128
2-Butanone (MEK)	1330	240	M1D2	1810	136	M1D2	57 - 120
2-Chloroethyl vinyl ether	667	99	D2	503	75	D2	17 - 150
2-Chlorotoluene	667	23	D2	743	111	D2	76 - 116
2-Hexanone	1330	190	D2	1180	89	D2	57 - 121
4-Chlorotoluene	667	23	D2	681	102	D2	78 - 118
4-Methyl-2-pentanone	1330	65	D2	1170	88	D2	65 - 118
Acetone	1330	250	D2	1090	82	D2	48 - 130
Benzene	667	3700	D2	4390	103	D2	77 - 118
Bromobenzene	667	23	D2	696	104	D2	75 - 115

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-63A-7B1
Lot/SDG Number:	D7F210295	**MS Lab Sample ID:**	D7F210295-005S
Matrix:	WATER	**MS Lab WorkOrder:**	J1HNV1AK
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 12:04
MS Sample Aliquot:	0.15 mL	**Instrument ID:**	R2
MS Dilution Factor:	133.3		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
Bromochloromethane	667	13	D2	667	100	D2	78 - 118
Bromodichloromethane	667	23	D2	655	98	D2	78 - 118
Bromoform	667	25	D2	671	101	D2	74 - 121
Bromomethane	667	28	D2	574	86	D2	42 - 154
Carbon disulfide	667	60	D2	507	76	D2	56 - 104
Carbon tetrachloride	667	25	D2	692	104	D2	80 - 120
Chlorobenzene	667	23	D2	670	101	D2	78 - 118
Chlorodibromomethane	667	23	D2	651	98	D2	76 - 116
Chloroethane	667	55	D2	590	88	D2	51 - 133
Chloroform	667	21	D2	666	100	D2	78 - 118
Chloromethane	667	40	D2	602	90	D2	46 - 142
cis-1,2-Dichloroethene	667	20	D2	691	104	D2	75 - 115
cis-1,3-Dichloropropene	667	21	D2	707	106	D2	76 - 116
Dibromomethane	667	23	D2	684	103	D2	77 - 117
Dichlorodifluoromethane	667	41	D2	707	106	D2	56 - 140
Ethylbenzene	667	720	D2	1440	108	D2	78 - 118
Hexachlorobutadiene	667	16	D2	700	105	D2	73 - 123
Isopropylbenzene	667	25	D2	695	95	D2	71 - 111
Methyl tert-butyl ether	1330	33	D2	1670	103	D2	58 - 116
Methylene chloride	667	43	D2	607	91	D2	71 - 119
n-Butylbenzene	667	19	D2	664	100	D2	76 - 117
n-Propylbenzene	667	21	D2	737	104	D2	76 - 116
Naphthalene	667	29	D2	750	83	D2	62 - 121
p-Isopropyltoluene	667	0.17	D2	676	101	D2	76 - 113
sec-Butylbenzene	667	23	D2	749	112	D2	80 - 120
Styrene	667	23	D2	708	106	D2	77 - 117
tert-Butylbenzene	667	21	D2	696	104	D2	76 - 116
Tetrachloroethene	667	27	D2	682	102	D2	77 - 117
Toluene	667	23	D2	704	106	D2	73 - 120
trans-1,2-Dichloroethene	667	20	D2	731	110	D2	80 - 120

Form 3 MS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-63A-7B1
Lot/SDG Number:	D7F210295	**MS Lab Sample ID:**	D7F210295-005S
Matrix:	WATER	**MS Lab WorkOrder:**	J1HNV1AK
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 12:04
MS Sample Aliquot:	0.15 mL	**Instrument ID:**	R2
MS Dilution Factor:	133.3		

Analyte	Spike Amount	Sample Result	C	MS Result	% Rec	Q	QC Limit
trans-1,3-Dichloropropene	667	25	D2	709	106	D2	72 - 117
Trichloroethene	667	21	D2	690	103	D2	78 - 122
Trichlorofluoromethane	667	39	D2	674	101	D2	63 - 135
Vinyl acetate	667	130	D2	573	86	D2	63 - 124
Vinyl chloride	667	23	D2	617	93	D2	49 - 136
Xylenes (total)	2000	25	D2	2090	105	D2	77 - 117

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	88	70	127	D2
460-00-4	4-Bromofluorobenzene	97	78	118	D2
1868-53-7	Dibromofluoromethane	95	77	119	D2
2037-26-5	Toluene-d8	102	83	125	D2

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-63A-7B1
Lot/SDG Number:	D7F210295	**MSD Lab Sample ID:**	D7F210295-005D
Matrix:	WATER	**MSD Lab WorkOrder:**	J1HNV1AL
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 12:23
MSD Sample Aliquot:	0.15 mL	**Instrument ID:**	R2
MSD Dilution Factor:	133.3		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
1,1,1,2-Tetrachloroethane	667	23	D2	637	96	9.3	D2	77 - 117	20
1,1,1-Trichloroethane	667	21	D2	609	91	13	D2	78 - 118	20
1,1,2,2-Tetrachloroethane	667	27	D2	647	97	6.6	D2	73 - 119	20
1,1,2-Trichloroethane	667	43	D2	698	105	4.1	D2	76 - 116	21
1,1-Dichloroethane	667	21	D2	640	96	8.8	D2	77 - 117	21
1,1-Dichloroethene	667	19	D2	656	98	12	D2	68 - 133	20
1,1-Dichloropropene	667	20	D2	607	91	15	D2	75 - 115	21
1,2,3-Trichlorobenzene	667	24	D2	619	88	0.080	D2	66 - 123	29
1,2,3-Trichloropropane	667	36	D2	599	90	8.9	D2	72 - 120	23
1,2,4-Trichlorobenzene	667	43	D2	638	96	1.5	D2	73 - 121	25
1,2,4-Trimethylbenzene	667	19	D2	654	98	5.6	D2	77 - 117	20
1,2-Dibromo-3-chloroprop	667	200	D2	645	97	8.3	D2	65 - 117	22
1,2-Dibromoethane (EDB)	667	24	D2	613	92	8.4	D2	77 - 117	20
1,2-Dichlorobenzene	667	17	D2	658	99	2.1	D2	76 - 116	20
1,2-Dichloroethane	667	17	D2	809	121	6.2	M1D2	74 - 120	20
1,2-Dichloropropane	667	17	D2	651	98	9.1	D2	76 - 116	20
1,3,5-Trimethylbenzene	667	19	D2	642	96	7.0	D2	77 - 117	20
1,3-Dichlorobenzene	667	21	D2	647	97	4.5	D2	75 - 115	20
1,3-Dichloropropane	667	20	D2	631	95	4.5	D2	75 - 115	20
1,4-Dichlorobenzene	667	21	2D	664	100	1.5	D2	77 - 117	23
2,2-Dichloropropane	667	27	2D	670	101	16	D2	72 - 128	24
2-Butanone (MEK)	1330	240	M1D2	1660	125	8.5	M1D2	57 - 120	32
2-Chloroethyl vinyl ether	667	99	D2	467	70	7.4	D2	17 - 150	31
2-Chlorotoluene	667	23	D2	680	102	8.8	D2	76 - 116	20
2-Hexanone	1330	190	D2	1060	80	11	D2	57 - 121	25

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-63A-7B1
Lot/SDG Number:	D7F210295	**MSD Lab Sample ID:**	D7F210295-005D
Matrix:	WATER	**MSD Lab WorkOrder:**	J1HNV1AL
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 12:23
MSD Sample Aliquot:	0.15 mL	**Instrument ID:**	R2
MSD Dilution Factor:	133.3		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
4-Chlorotoluene	667	23	D2	657	99	3.6	D2	78 - 118	20
4-Methyl-2-pentanone	1330	65	D2	1130	85	3.2	D2	65 - 118	22
Acetone	1330	250	D2	1260	95	14	D2	48 - 130	41
Benzene	667	3700	D2	4310	91	1.8	D2	77 - 118	20
Bromobenzene	667	23	D2	674	101	3.3	D2	75 - 115	20
Bromochloromethane	667	13	D2	638	96	4.5	D2	78 - 118	20
Bromodichloromethane	667	23	D2	621	93	5.2	D2	78 - 118	20
Bromoform	667	25	D2	620	93	8.0	D2	74 - 121	21
Bromomethane	667	28	D2	646	97	12	D2	42 - 154	24
Carbon disulfide	667	60	D2	529	79	4.3	D2	56 - 104	20
Carbon tetrachloride	667	25	D2	593	89	15	D2	80 - 120	21
Chlorobenzene	667	23	D2	631	95	6.1	D2	78 - 118	20
Chlorodibromomethane	667	23	D2	631	95	3.1	D2	76 - 116	20
Chloroethane	667	55	D2	650	97	9.7	D2	51 - 133	25
Chloroform	667	21	D2	612	92	8.4	D2	78 - 118	20
Chloromethane	667	40	D2	651	98	7.8	D2	46 - 142	24
cis-1,2-Dichloroethene	667	20	D2	615	92	12	D2	75 - 115	20
cis-1,3-Dichloropropene	667	21	D2	648	97	8.7	D2	76 - 116	20
Dibromomethane	667	23	D2	656	98	4.2	D2	77 - 117	20
Dichlorodifluoromethane	667	41	D2	714	107	0.97	D2	56 - 140	24
Ethylbenzene	667	720	D2	1370	98	5.0	D2	78 - 118	26
Hexachlorobutadiene	667	16	D2	692	104	1.2	D2	73 - 123	25
Isopropylbenzene	667	25	D2	645	88	7.4	D2	71 - 111	20
Methyl tert-butyl ether	1330	33	D2	1550	94	7.4	D2	58 - 116	21
Methylene chloride	667	43	D2	569	85	6.4	D2	71 - 119	20

Form 3 MSD Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-63A-7B1
Lot/SDG Number:	D7F210295	**MSD Lab Sample ID:**	D7F210295-005D
Matrix:	WATER	**MSD Lab WorkOrder:**	J1HNV1AL
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8260B	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/30/07 06:10
QC Batch ID:	7183257	**Date/Time Analyzed:**	06/30/07 12:23
MSD Sample Aliquot:	0.15 mL	**Instrument ID:**	R2
MSD Dilution Factor:	133.3		

Analyte	Spike Amount	Sample Result	C	MSD Result	% Rec	RPD	Q	QC Limits	
								% Rec	RPD
n-Butylbenzene	667	19	D2	650	97	2.2	D2	76 - 117	21
n-Propylbenzene	667	21	D2	701	98	5.0	D2	76 - 116	20
Naphthalene	667	29	D2	765	85	1.9	D2	62 - 121	32
p-Isopropyltoluene	667	0.17	D2	622	93	8.3	D2	76 - 113	20
sec-Butylbenzene	667	23	D2	683	102	9.2	D2	80 - 120	21
Styrene	667	23	D2	649	97	8.8	D2	77 - 117	20
tert-Butylbenzene	667	21	D2	706	106	1.4	D2	76 - 116	21
Tetrachloroethene	667	27	D2	611	92	11	D2	77 - 117	20
Toluene	667	23	D2	631	95	11	D2	73 - 120	20
trans-1,2-Dichloroethene	667	20	D2	638	96	13	D2	80 - 120	24
trans-1,3-Dichloropropene	667	25	D2	676	101	4.8	D2	72 - 117	20
Trichloroethene	667	21	D2	625	94	9.8	D2	78 - 122	20
Trichlorofluoromethane	667	39	D2	695	104	3.1	D2	63 - 135	20
Vinyl acetate	667	130	D2	570	86	0.55	D2	63 - 124	24
Vinyl chloride	667	23	D2	672	101	8.4	D2	49 - 136	24
Xylenes (total)	2000	25	D2	1910	95	9.2	D2	77 - 117	20

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	90	70	127	D2
460-00-4	4-Bromofluorobenzene	99	78	118	D2
1868-53-7	Dibromofluoromethane	93	77	119	D2
2037-26-5	Toluene-d8	102	83	125	D2

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	TESTAMERICA DENVER	**Lab File ID:**	RR1090H.
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7G020000-257B
Matrix:	WATER	**Lab Work Order:**	J17521AA
Analysis Method:	8260B	**Date/Time Extracted:**	06/30/07 06:10
Extraction Method:	I25QK9H	**Date/Time Analyzed:**	06/30/07 07:52
QC Batch ID:	7183257	**Instrument ID:**	R2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
CHECK SAMPLE	J17521AC C	RR1090H.	06/30/07	07:15
ASE-63A-7B1 MS	J1HNV1AK S	RR1103.D	06/30/07	12:04
ASE-63A-7B1 MSD	J1HNV1AL D	RR1104.D	06/30/07	12:23
ASE-63A-7B1	J1HNV2AA	RR1102.D	06/30/07	11:46

STL

Semivolatile GC

Lot ID: D7F210295

Client: CH2M Hill

Method: SW846 8015B DRO

Associated Samples: 002 thru 004, 006 thru 009

Batch: 7172471

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-111A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-002
Matrix:	WATER	**Lab WorkOrder:**	J1HNH1AC
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:49
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 16
QC Batch ID:	7172471	**Date/Time Analyzed:**	06/26/07 13:33
Sample Aliquot:	965 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

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

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	PL-508-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-003
Matrix:	WATER	**Lab WorkOrder:**	J1HNL1AC
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 04:59
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 16
QC Batch ID:	7172471	**Date/Time Analyzed:**	06/26/07 14:00
Sample Aliquot:	983 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	0.10		
Q2210	TPH C10-C32	ND	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	87	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-64A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-004
Matrix:	WATER	**Lab WorkOrder:**	J1HNN1AC
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 05:38
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 16
QC Batch ID:	7172471	**Date/Time Analyzed:**	06/26/07 14:27
Sample Aliquot:	1007 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.52**	0.032	0.10		
Q2210	TPH C10-C32	**0.52**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	95	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-39A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-006
Matrix:	WATER	**Lab WorkOrder:**	J1HNW1AC
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 07:11
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 16
QC Batch ID:	7172471	**Date/Time Analyzed:**	06/26/07 16:14
Sample Aliquot:	939 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.18**	0.032	0.10		
Q2210	TPH C10-C32	**0.18**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	86	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-38A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-007
Matrix:	WATER	**Lab WorkOrder:**	J1HN01AC
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 07:53
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 16
QC Batch ID:	7172471	**Date/Time Analyzed:**	06/26/07 16:41
Sample Aliquot:	959 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.27**	0.032	0.10		
Q2210	TPH C10-C32	**0.27**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	88	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-116A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-008
Matrix:	WATER	**Lab WorkOrder:**	J1HN21AC
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 08:50
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 16
QC Batch ID:	7172471	**Date/Time Analyzed:**	06/26/07 18:01
Sample Aliquot:	985 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.13**	0.032	0.10		
Q2210	TPH C10-C32	**0.13**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	92	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-115A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-009
Matrix:	WATER	**Lab WorkOrder:**	J1HN51AC
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 09:30
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 16
QC Batch ID:	7172471	**Date/Time Analyzed:**	06/26/07 18:28
Sample Aliquot:	1005 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.91**	0.032	0.10		
Q2210	TPH C10-C32	**0.91**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	85	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210000-471B
Matrix:	WATER	**Lab WorkOrder:**	J1JJE1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 16:00
QC Batch ID:	7172471	**Date/Time Analyzed:**	06/26/07 12:39
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	0.10	
Q1770	TPH quantitated as Motor Oil(C24-C36)	0.056	0.056	0.20	
Q2210	TPH C10-C32	0.032	0.032	0.10	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	87	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: TESTAMERICA DENVER **Extraction** I09KI9H

Lot/SDG Number: D7F210295 **QC Batch ID:** 7172471

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-38A-7B1	J1HN01AC	88								0
ASE-116A-7B1	J1HN21AC	92								0
ASE-115A-7B1	J1HN51AC	85								0
ASE-111A-7B1	J1HNH1AC	90								0
PL-508-7B1	J1HNL1AC	87								0
ASE-64A-7B1	J1HNN1AC	95								0
ASE-39A-7B1	J1HNW1AC	86								0
INTRA-LAB BLANK	J1JJE1AA	87								0
CHECK SAMPLE	J1JJE1AC	75								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:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210000-471C
Matrix:	WATER	**Lab WorkOrder:**	J1JJE1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/21/07 16:00
QC Batch ID:	7172471	**Date/Time Analyzed:**	06/26/07 13:06
Sample Aliquot:	1000 mL	**Instrument ID:**	Z2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
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	75	50	115	

Form 3 LCS Analysis Data Sheet Equivalent

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	TESTAMERICA DENVER	**Lab File ID:**	015F1501.
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210000-471B
Matrix:	WATER	**Lab Work Order:**	J1JJE1AA
Analysis Method:	8015B	**Date/Time Extracted:**	06/21/07 16:00
Extraction Method:	I09KI9H	**Date/Time Analyzed:**	06/26/07 12:39
QC Batch ID:	7172471	**Instrument ID:**	Z2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-38A-7B1	J1HN01AC	015F1501.	06/26/07	16:41
ASE-116A-7B1	J1HN21AC	018F1801.	06/26/07	18:01
ASE-115A-7B1	J1HN51AC	019F1901.	06/26/07	18:28
ASE-111A-7B1	J1HNH1AC	008F0801.	06/26/07	13:33
PL-508-7B1	J1HNL1AC	009F0901.	06/26/07	14:00
ASE-64A-7B1	J1HNN1AC	010F1001.	06/26/07	14:27
ASE-39A-7B1	J1HNW1AC	014F1401.	06/26/07	16:14
CHECK SAMPLE	J1JJE1AC C	007F0701.	06/26/07	13:06

STL

Semivolatile GC

Lot ID: D7F210295

Client: CH2M Hill

Method: SW846 8015B DRO

Associated Samples: 005

Batch: 7178617

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-63A-7B1
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F210295-005
Matrix:	WATER	**Lab WorkOrder:**	J1HNV2AC
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/27/07 16
QC Batch ID:	7178617	**Date/Time Analyzed:**	06/28/07 22:21
Sample Aliquot:	1008 mL	**Instrument:**	Z2
Dilution Factor:	1		

CAS No.	Analyte	Conc.	MDL	RL	Az Q	Lab Q
Q1767	Diesel Range Organics (C10-C28)	**0.53**	0.032	0.10		
Q2210	TPH C10-C32	**0.54**	0.032	0.10		
Q1770	TPH quantitated as Motor Oil(C24-C36)	ND	0.056	0.20		

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Az Q	Lab Q
84-15-1	o-Terphenyl	89	50	115		

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F270000-617B
Matrix:	WATER	**Lab WorkOrder:**	J1X1E1AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/27/07 16:00
QC Batch ID:	7178617	**Date/Time Analyzed:**	06/28/07 21:28
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	0.10	
Q1770	TPH quantitated as Motor Oil(C24-C36)	0.056	0.056	0.20	
Q2210	TPH C10-C32	0.032	0.032	0.10	

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	86	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: TESTAMERICA DENVER **Extraction** I09KI9H

Lot/SDG Number: D7F210295 **QC Batch ID:** 7178617

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
ASE-63A-7B1 MS	J1HNV1AH	87								0
ASE-63A-7B1 MSD	J1HNV1AJ	78								0
ASE-63A-7B1	J1HNV2AC	89								0
INTRA-LAB BLANK	J1X1E1AA	86								0
CHECK SAMPLE	J1X1E1AC	80								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:	TESTAMERICA DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F270000-617C
Matrix:	WATER	**Lab WorkOrder:**	J1X1E1AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/27/07 16:00
QC Batch ID:	7178617	**Date/Time Analyzed:**	06/28/07 21:55
Sample Aliquot:	1000 mL	**Instrument ID:**	Z2
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
Diesel Range Organics (C10-C28)	2.00	1.72	86		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	80	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-63A-7B1
Lot/SDG Number:	D7F210295	**MS Lab Sample ID:**	D7F210295-005S
Matrix:	WATER	**MS Lab WorkOrder:**	J1HNV1AH
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/27/07 16:00
QC Batch ID:	7178617	**Date/Time Analyzed:**	06/28/07 22:48
MS Sample Aliquot:	978 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)	2.04	0.53		2.36	90		54 - 115

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	87	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Analysis Data Sheet

Lab Name:	TESTAMERICA DENVER	**Client Sample ID:**	ASE-63A-7B1
Lot/SDG Number:	D7F210295	**MSD Lab Sample ID:**	D7F210295-005D
Matrix:	WATER	**MSD Lab WorkOrder:**	J1HNV1AJ
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 06:18
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	8015B	**Date Leached:**	
Unit:	mg/L	**Date/Time Extracted:**	06/27/07 16:00
QC Batch ID:	7178617	**Date/Time Analyzed:**	06/28/07 23:15
MSD Sample Aliquot:	995 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	2.01	0.53		2.11	78	11		54 - 115	31

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
84-15-1	o-Terphenyl	78	50	115	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	TESTAMERICA DENVER	**Lab File ID:**	036F3601.
Lot/SDG Number:	D7F210295	**Lab Sample ID:**	D7F270000-617B
Matrix:	WATER	**Lab Work Order:**	J1X1E1AA
Analysis Method:	8015B	**Date/Time Extracted:**	06/27/07 16:00
Extraction Method:	I09KI9H	**Date/Time Analyzed:**	06/28/07 21:28
QC Batch ID:	7178617	**Instrument ID:**	Z2

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
ASE-63A-7B1 MS	J1HNV1AH S	036F3601.	06/28/07	22:48
ASE-63A-7B1 MSD	J1HNV1AJ D	037F3701.	06/28/07	23:15
ASE-63A-7B1	J1HNV2AC	035F3501.	06/28/07	22:21
CHECK SAMPLE	J1X1E1AC C	034F3401.	06/28/07	21:55

6/21/07
RZ

STL Denver

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

Chain Of Custody / Analysis Request

COC #: 37380_070620
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~~ Hal
Project Number: PO# 4745926
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	SW8260	Lab Sample Numbers
	Location ID	Field Sample ID												
1	Trip Blank	TB-062007	Jun 20 2007	0410	BLKWATER	WATER	2	X			X		X	
2	ASE-111A	ASE-111A-7B1	Jun 20 2007	0449	GW	WATER	5	X			X	X	X	
3	FIELDQC	PL-508-7B1	Jun 20 2007	0459	GW	WATER	5	X			X	X	X	
4	ASE-64A	ASE-64A-7B1	Jun 20 2007	0538	GW	WATER	5	X			X	X	X	
5	ASE-63A	ASE-63A-7B1	Jun 20 2007	0618	GW	WATER	3 11	X	X		X	X	X	
6	ASE-39A	ASE-39A-7B1	Jun 20 2007	0711	GW	WATER	5	X			X	X	X	
7	ASE-38A	ASE-38A-7B1	Jun 20 2007	0753	GW	WATER	5	X			X	X	X	
8	ASE-116A	ASE-116A-7B1	Jun 20 2007	0850	GW	WATER	5	X			X	X	X	
9	ASE-115A	ASE-115A-7B1	Jun 20 2007	0930	GW	WATER	5	X			X	X	X	
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														

Special Instructions: 2nd Qtr UST GW Event. Standard 10 days TAT.
Invoice to Troy Meyer at Honeywell and invoice copy to Jennifer Holland CH2M HILL

Relinquished by:	Company:	Date/Time:	Received by:	Company:
	HA	06/20/07 15:00		Fed Ex
Relinquished by:	Company:	Date/Time:	Received by:	Company:
		6/21/07 0830		STL
Relinquished by:	Company:	Date/Time:	Received by:	Company:

STL Denver

Sample Receiving Checklist

Lot #: D7F210293 Date/Time Received: 6/21/07 0830

Company Name & Sampling Site: CH2M - Honeywell

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): 2

Temperatures (°C): 4.0 5.8

N/A	Yes	No		Initials
☐	☒	☐	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	B
	☒	☐	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 # D7F210295

Login Checks:

Initials PS

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.	Were special archiving instructions indicated in the General Comments? If so, what were they?

_____

Labeling and Storage Checks:

Initials AB

☑	☐	☐	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?

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 #: D7F210298

Daniel Moore

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

STL DENVER

Karen Kuoppala
Project Manager

June 28, 2007

Case Narrative
Lot D7F210298

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 June 21, 2007. The sample was received in good condition at a temperature of 4.0°C.

GC/MS Volatiles – Method CFR136A 624
The MS/MSD associated with batch 7178661 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.

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 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. MS/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, i.e., 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.

EXECUTIVE SUMMARY - Detection Highlights

D7F210298

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TANK-18-7B1 06/20/07 10:19 001				
Benzene	76	5.0	ug/L	CFR136A 624
Ethylbenzene	9.7	5.0	ug/L	CFR136A 624

METHODS SUMMARY

D7F210298

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

D7F210298

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

D7F210298

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J1HPH	001	TANK-18-7B1	06/20/07	10:19

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

D7F210298

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	CFR136A 624		7178661	7178356

STL

Volatile GC/MS

Lot ID: D7F210298

Client: CH2M Hill

Method: EPA 624

Associated Samples: 001

Batch: 7178661

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	TANK-18-7B1
Lot/SDG Number:	D7F210298	**Lab Sample ID:**	D7F210298-001
Matrix:	WATER	**Lab WorkOrder:**	J1HPH1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 10:19
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 21:42
QC Batch ID:	7178661	**Date/Time Analyzed:**	06/27/07 01:58
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	**76**	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	**9.7**	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-18-7B1
Lot/SDG Number:	D7F210298	**Lab Sample ID:**	D7F210298-001
Matrix:	WATER	**Lab WorkOrder:**	J1HPH1AA
% Moisture:	N/A	**Date/Time Collected:**	06/20/07 10:19
Basis:	Wet	**Date/Time Received:**	06/21/07 08:30
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 21:42
QC Batch ID:	7178661	**Date/Time Analyzed:**	06/27/07 01:58
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	107	73	122		
2037-26-5	Toluene-d8	106	80	120		
460-00-4	4-Bromofluorobenzene	111	79	119		

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	
Lot/SDG Number:	D7F210298	**Lab Sample ID:**	D7F270000-661B
Matrix:	WATER	**Lab WorkOrder:**	J1X671AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 21:42
QC Batch ID:	7178661	**Date/Time Analyzed:**	06/26/07 23:01
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:	D7F210298	**Lab Sample ID:**	D7F270000-661B
Matrix:	WATER	**Lab WorkOrder:**	J1X671AA
% Moisture:		**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 21:42
QC Batch ID:	7178661	**Date/Time Analyzed:**	06/26/07 23:01
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	113	73	122	
2037-26-5	Toluene-d8	117	80	120	
460-00-4	4-Bromofluorobenzene	99	79	119	

SEVERN TRENT STL

CH2M Hill Inc

Surrogate Recovery Summary

Lab Name: STL DENVER **Extraction** I15DN01

Lot/SDG Number: D7F210298 **QC Batch ID:** 7178661

Client ID	Work Order	SRG1	SRG2	SRG3	SRG4	SRG5	SRG6	SRG7	SRG8	TOT OUT
TANK-18-7B1	J1HPH1AA	107	111	106						0
LAB MS/MSD MS	J1X2X1AC	149 *	124 *	114						2
LAB MS/MSD MSD	J1X2X1AD	135 *	139 *	119						2
INTRA-LAB BLANK	J1X671AA	113	99	117						0
CHECK SAMPLE	J1X671AC	97	96	93						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:	D7F210298	**Lab Sample ID:**	D7F270000-661C
Matrix:	WATER	**Lab WorkOrder:**	J1X671AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 21:42
QC Batch ID:	7178661	**Date/Time Analyzed:**	06/26/07 22:35
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
trans-1,3-Dichloropropene	20.0	18.1	91		17 - 183
Ethylbenzene	20.0	19.9	100		37 - 162
Trichlorofluoromethane	20.0	18.7	94		17 - 181
Methylene chloride	20.0	18.4	92		10 - 221
Benzene	20.0	18.7	94		37 - 151
1,1,2,2-Tetrachloroethane	20.0	20.2	101		46 - 157
Tetrachloroethene	20.0	19.4	97		64 - 148
Toluene	20.0	20.4	102		47 - 150
1,1,1-Trichloroethane	20.0	19.9	99		52 - 162
1,1,2-Trichloroethane	20.0	19.9	99		52 - 150
Trichloroethene	20.0	18.9	94		71 - 157
Vinyl chloride	20.0	15.9	80		10 - 251
Bromodichloromethane	20.0	20.5	102		35 - 155
Bromoform	20.0	17.8	89		45 - 169
Bromomethane	20.0	17.6	88		10 - 242
Carbon tetrachloride	20.0	19.5	97		70 - 140
Chlorobenzene	20.0	20.4	102		37 - 160
Dibromochloromethane	20.0	18.6	93		53 - 149
Chloroethane	20.0	18.5	92		14 - 230
Chloroform	20.0	19.5	97		51 - 138
Chloromethane	20.0	15.5	77		10 - 273
1,2-Dichlorobenzene	20.0	19.1	95		18 - 190
1,3-Dichlorobenzene	20.0	20.6	103		59 - 156
1,4-Dichlorobenzene	20.0	19.4	97		18 - 190
1,1-Dichloroethane	20.0	20.9	104		59 - 155
1,2-Dichloroethane	20.0	19.0	95		49 - 155
1,1-Dichloroethene	20.0	18.9	94		10 - 234
trans-1,2-Dichloroethene	20.0	19.8	99		54 - 156
1,2-Dichloropropane	20.0	21.7	109		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:	D7F210298	**Lab Sample ID:**	D7F270000-661C
Matrix:	WATER	**Lab WorkOrder:**	J1X671AC
% Moisture:	N/A	**Date/Time Collected:**	
Basis:	Wet	**Date/Time Received:**	
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 21:42
QC Batch ID:	7178661	**Date/Time Analyzed:**	06/26/07 22:35
Sample Aliquot:	5 mL	**Instrument ID:**	G
Dilution Factor:	1		

Analyte	True	Found	%Rec	Q	Limits
cis-1,3-Dichloropropene	20.0	13.9	70		10 - 227

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	97	73	122	
2037-26-5	Toluene-d8	93	80	120	
460-00-4	4-Bromofluorobenzene	96	79	119	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7F210298	**MS Lab Sample ID:**	D7F060127-027S
Matrix:	WATER	**MS Lab WorkOrder:**	J1X2X1AC
% Moisture:	N/A	**Date/Time Collected:**	06/24/07 07:00
Basis:	Wet	**Date/Time Received:**	06/24/07 08:00
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 21:42
QC Batch ID:	7178661	**Date/Time Analyzed:**	06/26/07 23:52
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		27.7	138		52 - 162
1,1,2,2-Tetrachloroethane	20.0	0.26		24.1	120		46 - 157
1,1,2-Trichloroethane	20.0	0.62		22.3	112		52 - 150
1,1-Dichloroethane	20.0	0.32		25.0	125		59 - 155
1,1-Dichloroethene	20.0	0.44		26.6	133		10 - 234
1,2-Dichlorobenzene	20.0	0.50		21.7	109		18 - 190
1,2-Dichloroethane	20.0	0.19		23.0	115		49 - 155
1,2-Dichloropropane	20.0	0.36		24.7	124		10 - 210
1,3-Dichlorobenzene	20.0	0.55		24.4	122		59 - 156
1,4-Dichlorobenzene	20.0	0.56		23.4	117		18 - 190
Benzene	20.0	0.22		23.6	118		37 - 151
Bromodichloromethane	20.0	0.26		22.9	115		35 - 155
Bromoform	20.0	0.48		19.6	98		45 - 169
Bromomethane	20.0	0.47		19.6	98		10 - 242
Carbon tetrachloride	20.0	0.24		29.3	146		70 - 140
Chlorobenzene	20.0	0.24		20.6	103		37 - 160
Chloroethane	20.0	0.84		23.0	115		14 - 230
Chloroform	20.0	0.40		24.7	124		51 - 138
Chloromethane	20.0	0.89		17.5	88		10 - 273
cis-1,3-Dichloropropene	20.0	0.25		14.5	73		10 - 227
Dibromochloromethane	20.0	0.71		19.6	98		53 - 149
Ethylbenzene	20.0	0.20		19.9	100		37 - 162
Methylene chloride	20.0	0.97		21.5	102		10 - 221
Tetrachloroethene	20.0	0.30		26.2	131		64 - 148
Toluene	20.0	0.27		21.8	109		47 - 150
trans-1,2-Dichloroethene	20.0	0.71		26.5	133		54 - 156
trans-1,3-Dichloropropene	20.0	0.66		18.7	94		17 - 183
Trichloroethene	20.0	0.30		24.2	121		71 - 157
Trichlorofluoromethane	20.0	0.26		25.8	129		17 - 181
Vinyl chloride	20.0	0.49		19.9	99		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:	D7F210298	**MS Lab Sample ID:**	D7F060127-027S
Matrix:	WATER	**MS Lab WorkOrder:**	J1X2X1AC
% Moisture:	N/A	**Date/Time Collected:**	06/24/07 07:00
Basis:	Wet	**Date/Time Received:**	06/24/07 08:00
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 21:42
QC Batch ID:	7178661	**Date/Time Analyzed:**	06/26/07 23:52
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	149	73	122	
460-00-4	4-Bromofluorobenzene	124	79	119	
2037-26-5	Toluene-d8	114	80	120	

SEVERN TRENT STL

CH2M Hill Inc
Analysis Data Sheet

Lab Name:	STL DENVER	**Client Sample ID:**	LAB MS/MSD
Lot/SDG Number:	D7F210298	**MSD Lab Sample ID:**	D7F060127-027D
Matrix:	WATER	**MSD Lab WorkOrder:**	J1X2X1AD
% Moisture:	N/A	**Date/Time Collected:**	06/24/07 07:00
Basis:	Wet	**Date/Time Received:**	06/24/07 08:00
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 21:42
QC Batch ID:	7178661	**Date/Time Analyzed:**	06/27/07 00:17
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		19.1	96	37		52 - 162	30
1,1,2,2-Tetrachloroethane	20.0	0.26		17.7	88	31		46 - 157	30
1,1,2-Trichloroethane	20.0	0.62		16.6	83	30		52 - 150	30
1,1-Dichloroethane	20.0	0.32		17.1	85	38		59 - 155	30
1,1-Dichloroethene	20.0	0.44		19.6	98	30		10 - 234	30
1,2-Dichlorobenzene	20.0	0.50		15.7	79	32		18 - 190	30
1,2-Dichloroethane	20.0	0.19		14.8	74	44		49 - 155	30
1,2-Dichloropropane	20.0	0.36		15.7	78	45		10 - 210	30
1,3-Dichlorobenzene	20.0	0.55		16.6	83	38		59 - 156	30
1,4-Dichlorobenzene	20.0	0.56		15.5	77	41		18 - 190	30
Benzene	20.0	0.22		16.1	81	38		37 - 151	30
Bromodichloromethane	20.0	0.26		15.2	76	41		35 - 155	30
Bromoform	20.0	0.48		14.8	74	28		45 - 169	30
Bromomethane	20.0	0.47		13.4	67	37		10 - 242	30
Carbon tetrachloride	20.0	0.24		20.4	102	36		70 - 140	30
Chlorobenzene	20.0	0.24		15.5	77	28		37 - 160	30
Chloroethane	20.0	0.84		15.1	75	42		14 - 230	30
Chloroform	20.0	0.40		16.7	84	39		51 - 138	30
Chloromethane	20.0	0.89		11.5	57	42		10 - 273	30
cis-1,3-Dichloropropene	20.0	0.25		10.2	51	35		10 - 227	30
Dibromochloromethane	20.0	0.71		14.8	74	28		53 - 149	30
Ethylbenzene	20.0	0.20		16.3	82	20		37 - 162	30
Methylene chloride	20.0	0.97		14.8	69	37		10 - 221	30
Tetrachloroethene	20.0	0.30		20.3	102	25		64 - 148	30
Toluene	20.0	0.27		18.5	92	17		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:	D7F210298	**MSD Lab Sample ID:**	D7F060127-027D
Matrix:	WATER	**MSD Lab WorkOrder:**	J1X2X1AD
% Moisture:	N/A	**Date/Time Collected:**	06/24/07 07:00
Basis:	Wet	**Date/Time Received:**	06/24/07 08:00
Analysis Method:	624	**Date Leached:**	
Unit:	ug/L	**Date/Time Extracted:**	06/26/07 21:42
QC Batch ID:	7178661	**Date/Time Analyzed:**	06/27/07 00:17
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		17.6	88	40		54 - 156	30
trans-1,3-Dichloropropene	20.0	0.66		13.7	69	31		17 - 183	30
Trichloroethene	20.0	0.30		16.7	84	37		71 - 157	30
Trichlorofluoromethane	20.0	0.26		17.8	89	37		17 - 181	30
Vinyl chloride	20.0	0.49		14.1	71	34		10 - 251	30

CAS No.	Surrogate	% Rec	Lower Limit	Upper Limit	Q
17060-07-0	1,2-Dichloroethane-d4	135	73	122	
460-00-4	4-Bromofluorobenzene	139	79	119	
2037-26-5	Toluene-d8	119	80	120	

SEVERN TRENT STL

CH2M Hill Inc

Method Blank Summary

Lab Name:	STL DENVER	**Lab File ID:**	G2487.D
Lot/SDG Number:	D7F210298	**Lab Sample ID:**	D7F270000-661B
Matrix:	WATER	**Lab Work Order:**	J1X671AA
Analysis Method:	624	**Date/Time Extracted:**	06/26/07 21:42
Extraction Method:	I15DN01	**Date/Time Analyzed:**	06/26/07 23:01
QC Batch ID:	7178661	**Instrument ID:**	G

Client ID	Sample Work Order #	Lab File ID	Date Analyzed	Time Analyzed
TANK-18-7B1	J1HPH1AA	G2487.D	06/27/07	01:58
LAB MS/MSD MS	J1X2X1AC S	G2482.D	06/26/07	23:52
LAB MS/MSD MSD	J1X2X1AD D	G2483.D	06/27/07	00:17
CHECK SAMPLE	J1X671AC C	G2479LCS	06/26/07	22:35

4.0
1
1.2

STL Denver

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

Chain Of Custody / Analysis Request

COC # : 37380_070620
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~~ HAL
Project Number: PO# 4745926

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

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

72 hr 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		SW 624											Lab Sample Numbers
1	Trip Blank	TB-062007	Jun 20 2007		BLKWATER	WATER	3	X			X		X													
2	ASE-111A	ASE-111A-7B1	Jun 20 2007		GW	WATER	5	X			X	X	X													
3	FIELDQC	PL-508-7B1	Jun 20 2007		GW	WATER	5	X			X	X	X													
4	ASE-64A	ASE-64A-7B1	Jun 20 2007		GW	WATER	5	X			X	X	X													
5	ASE-83A	ASE-83A-7B1	Jun 20 2007		GW	WATER	11	X	X		X	X	X													
6	ASE-39A	ASE-39A-7B1	Jun 20 2007		GW	WATER	5	X			X	X	X													
7	ASE-38A	ASE-38A-7B1	Jun 20 2007		GW	WATER	5	X			X	X	X													
8	ASE-116A	ASE-116A-7B1	Jun 20 2007		GW	WATER	5	X			X	X	X													
9	ASE-115A	ASE-115A-7B1	Jun 20 2007		GW	WATER	5	X			X	X	X													
10																										
11																										
12	Tank Sample	TANK-18-7B1	06/20/07	1019	GW	water	3	X			X				X											
13																										
14																										
15																										
16																										
17																										
18																										
19																										
20																										
21																										
22																										
23																										

Special Instructions: 2nd Qtr UST GW Event. Standard 10 days TAT.
Invoice to Troy Meyer at Honeywell and invoice copy to Jennifer Holland CH2M HILL

Relinquished by:	Company:	Date/Time:	Received by:	Company:
	HHA	6/20/07 - 15:00		Fed Ex
Relinquished by:	Company:	Date/Time:	Received by:	Company:
		6/21/07 0830		STL
Relinquished by:	Company:	Date/Time:	Received by:	Company:

STL Denver

Sample Receiving Checklist

Lot #: D7F210298 Date/Time Received: 6/21/07 0830

Company Name & Sampling Site: Calm Hill/ Honeywell

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

Quarantined : *Yes* ☐ *No* ☒

Quote #: 69074

Special Instructions:

* Analytical = 6/27
* Report = 6/28

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

Unpacking Checks:

Cooler #(s): 1

Temperatures (°C): 4.0°

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 # D7F 210298

Login Checks:

Initials

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.	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?

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

APPENDIX B

Data Quality Evaluation Report – Second Quarter 2007 Underground Storage Tank Soil Vapor and Air Monitoring

Introduction

The objective of this data quality evaluation (DQE) report is to assess the data quality of analytical results for soil vapor and air samples collected for the second quarter 2007 Underground Storage Tank monitoring period at the 34th Street facility (Honeywell facility or Facility). Samples were collected and analyzed in an effort to continue providing a framework for long-term monitoring of the Honeywell facility. 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 United States Environmental Protection Agency (USEPA) *Contract Laboratory National Functional Guidelines for Organic Data Review* (USEPA, 1999) and the *Honeywell International Inc., Sky Harbor 34th Street Facility Quality Assurance Project Plan* (QAPP) (CH2M HILL, 2005 and Honeywell, 2006) 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 five normal air vault samples, two ambient air samples, and one air vault field duplicate. A list of samples and collection dates is included in Attachment 1 at the end of this report. Samples were collected on June 18, 2007. These sample results were reported as one sample delivery group (SDG) listed in Table 1. The samples were analyzed for volatile organic compounds in air by method TO-15. Samples were collected and shipped by overnight carrier to the laboratory for analysis. The analyses were performed by Columbia Analytical Services located in Simi Valley, California (CAS-SIMI).

Table 1 – SDGs by Laboratory

SDG	Laboratory
P2701809	CAS-SIMI

Data validation was performed in accordance with the *Contract Laboratory National Functional Guidelines for Organic Data Review* (USEPA, 1999), substituting the calibration and quality control requirements specified in the Honeywell QAPP (CH2M HILL, 2005 and Honeywell, 2006) for those specified in the National Functional Guidelines.

The assessment of data includes a review of: (1) the chain-of-custody documentation; (2) holding-time compliance; (3) the required field and laboratory quality control samples; (4)

flagging for method blanks; (5) laboratory control sample (LCS) recoveries; and, (6) surrogate spike recoveries.

Field samples were also reviewed to ascertain field compliance and data quality issues. This included the review of a field duplicate.

Data flags are assigned according to the Honeywell QAPP (CH2M HILL, 2005 and Honeywell, 2006). 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 = Analyte was analyzed for but not detected at the specified detection limit.
- UJ = 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 4.

Holding Times

All holding-time criteria were met.

Sample Quantitation

Sample results were reported to the method detection limit (MDL) and all Honeywell QAPP reporting limit (RL) objectives were met for all undiluted analyses with either the laboratory RL or MDL.

One sample required dilution due to high analyte concentrations. The RLs for non-detected analytes in the diluted sample were raised accordingly. Table 2 lists the sample analyzed at a dilution.

Table 2 – Sample Analyzed Diluted

Method	Sample ID	Dilution Factor
TO-15	ELE-VLT-06-CL_061807	4.85

One vinyl acetate result was qualified by the laboratory has having interference resulting in a possible high bias. The result was 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 the Honeywell QAPP control criteria. However, the laboratory case narratives and/or footnotes in the laboratory data packages were reviewed by the data validator and no exceptions were noted.

Method Blanks

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

Four analytes were detected below the RL in the method blanks. Twenty-one associated results were detected at concentrations less than five times (10 times for methylene chloride) the blank concentrations. The results were qualified as not detected and flagged "U".

Field Duplicates

One field duplicate set was collected and analyzed with this event. The FD and associated parent sample identifications are included in Table 3.

Table 3 – List of Field Duplicates

Field Duplicate Sample ID	Associated Parent Sample ID
Vault-D01_061807	ELE-VLT-17-CL_061807

All relative percent difference (RPD) criteria were met.

Surrogates

Surrogates were recovered within laboratory established QC limits.

Laboratory Control Samples

LCSs were analyzed as required and were within established QC limits.

Tentatively Identified Compounds

Tentatively identified compounds were not reported by the laboratory.

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 parameters were based on the *Contract Laboratory National Functional Guidelines for Organic Data Review* (USEPA, 1999). The following summary highlights the precision, accuracy, representativeness, completeness, and comparability 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. One sample was analyzed diluted resulting in raised RLs for non-detected analytes.
3. One result was qualified by the laboratory as having matrix interference, resulting in data qualified as estimated.
4. The precision and accuracy of the data, as measured by field and laboratory QC indicators, suggest that the project goals have been met.

References

CH2M HILL. 2005. *Honeywell International Inc., Sky Harbor 34th Street Facility, 111 South 34th Street, Phoenix, Arizona; Quality Assurance Project Plan.* September.

Honeywell International, Inc.. 2006. *Response to Comments on the Quality Assurance Project Plan dated September 2005; Honeywell International Inc. Sky Harbor 34th Street Facility*. July 13.

United States Environmental Protection Agency (USEPA). 1999. *Contract Laboratory National Functional Guidelines for Organic Data Review.* October.

Table 4 – Validation Findings

Method	NativeID	Analyte	Final Result	Units	Final Flag	Validation Reason
TO-15	Ambient-05_061807	Carbon Disulfide	0.66	ug/m3	U	LBL
TO-15	Ambient-05_061807	Chloroform	0.096	ug/m3	U	LBL
TO-15	Ambient-05_061807	Methylene chloride	0.31	ug/m3	U	LBL
TO-15	Ambient-06_061807	Carbon Disulfide	0.4	ug/m3	U	LBL
TO-15	Ambient-06_061807	Chloroform	0.055	ug/m3	U	LBL
TO-15	Ambient-06_061807	Methylene chloride	0.23	ug/m3	U	LBL
TO-15	ELE-VLT-06-CL_061807	Benzene	0.57	ug/m3	U	LBL
TO-15	ELE-VLT-06-CL_061807	Carbon Disulfide	0.73	ug/m3	U	LBL
TO-15	ELE-VLT-06-CL_061807	Methylene chloride	0.3	ug/m3	U	LBL
TO-15	ELE-VLT-11-CL_061807	Methylene chloride	0.34	ug/m3	U	LBL
TO-15	ELE-VLT-12-CL_061807	Carbon Disulfide	0.77	ug/m3	U	LBL
TO-15	ELE-VLT-12-CL_061807	Methylene chloride	0.37	ug/m3	U	LBL
TO-15	ELE-VLT-17-CL_061807	Carbon Disulfide	1.7	ug/m3	U	LBL
TO-15	ELE-VLT-17-CL_061807	Chloroform	0.11	ug/m3	U	LBL
TO-15	ELE-VLT-17-CL_061807	Methylene chloride	0.33	ug/m3	U	LBL
TO-15	HH-FN4-5-CL_061807	Carbon Disulfide	1.1	ug/m3	U	LBL
TO-15	HH-FN4-5-CL_061807	Chloroform	0.1	ug/m3	U	LBL
TO-15	HH-FN4-5-CL_061807	Methylene chloride	0.24	ug/m3	U	LBL
TO-15	Vault-D01_061807	Carbon Disulfide	1.4	ug/m3	U	LBL
TO-15	Vault-D01_061807	Chloroform	0.1	ug/m3	U	LBL
TO-15	Vault-D01_061807	Methylene chloride	0.26	ug/m3	U	LBL
TO-15	Vault-D01_061807	Vinyl acetate	6.7	ug/m3	J	MI

Notes:

LBL = Laboratory blank concentration less than the RL.

MI – Matrix interference.

Attachment 1

Samples Associated with DQE			
SampleID	**Matrix**	**Sample Date**	**Sample Type**
Ambient-05_061807	AIR	06/18/2007	REG
Ambient-06_061807	AIR	06/18/2007	REG
ELE-VLT-06-CL_061807	AIR	06/18/2007	REG
ELE-VLT-11-CL_061807	AIR	06/18/2007	REG
ELE-VLT-12-CL_061807	AIR	06/18/2007	REG
ELE-VLT-17-CL_061807	AIR	06/18/2007	REG
HH-FN4-5-CL_061807	AIR	06/18/2007	REG
Vault-D01_061807	AIR	06/18/2007	FD

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

July 2, 2007

Ms. Jennifer Holland
CH2M Hill
2625 South Plaza Drive, Suite 300
Tempe, AZ 85282

RE: P2701809
Sky Harbor

Dear Ms. Holland:

Enclosed are the results of the sample(s) submitted to our laboratory on June 20, 2007.
For your reference, these analyses have been assigned our service request number P2701809.

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:	07/02/07
Address:	2625 South Plaza Drive, Suite 300	Date Received:	06/20/07
	Tempe, AZ 85282	CAS Project No:	P2701809
Contact:	Ms. Jennifer Holland	Purchase Order:	295482
Client Project ID:	Sky Harbor	Arizona License No.:	AZ0694

Eight (8) Stainless Steel Summa Canisters labeled:

"ELE-VLT-06-CL_061807" "ELE-VLT-11-CL_061807" "ELE-VLT-12-CL_061807"
"ELE-VLT-17-CL_061807" "HH-FN4-5-CL_061807" "Ambient-05_061807"
"Ambient-06_061807" "Vault-D01_061807"

The samples were received at the laboratory under chain of custody on June 20, 2007. The client requested and received five day rush results. 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.

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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Columbia Analytical Services INC.
An Employee - Owned Company

CAS Project No: P2701809

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: **ELE-VLT-06-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-001

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01448

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/22/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -4.5 Pf 1 = 3.5

Can D.F. = 1.78

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.74**	0.11	0.011	**0.29**	0.044	0.0044	
67-66-3	Chloroform	**4.0**	0.45	0.058	**0.83**	0.091	0.012	**B**
107-06-2	1,2-Dichloroethane	**0.021**	0.11	0.011	**0.0052**	0.027	0.0027	**J**
71-43-2	Benzene	**0.57**	0.45	0.062	**0.18**	0.14	0.020	**B**
56-23-5	Carbon Tetrachloride	**0.28**	0.11	0.011	**0.045**	0.018	0.0018	
78-87-5	1,2-Dichloropropane	0.11	0.11	0.011	0.024	0.024	0.0024	**U**
79-01-6	Trichloroethene	**30**	0.045	0.011	**5.6**	0.0083	0.0021	**B**
10061-01-5	cis-1,3-Dichloropropene	0.11	0.11	0.011	0.025	0.025	0.0025	**U**
79-00-5	1,1,2-Trichloroethane	0.11	0.11	0.011	0.020	0.020	0.0020	**U**
106-93-4	1,2-Dibromoethane	0.11	0.11	0.011	0.014	0.014	0.0014	**U**
127-18-4	Tetrachloroethene	**13**	0.11	0.011	**1.9**	0.016	0.0016	
79-34-5	1,1,2,2-Tetrachloroethane	0.11	0.11	0.011	0.016	0.016	0.0016	**U**
106-46-7	1,4-Dichlorobenzene	**0.23**	0.11	0.011	**0.039**	0.019	0.0019	

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: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-06-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-001DUP

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01448

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/22/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -4.5 Pf 1 = 3.5

Can D.F. = 1.78

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.62**	0.11	0.011	**0.24**	0.044	0.0044	
67-66-3	Chloroform	**4.1**	0.45	0.058	**0.83**	0.091	0.012	**B**
107-06-2	1,2-Dichloroethane	**0.021**	0.11	0.011	**0.0051**	0.027	0.0027	**J**
71-43-2	Benzene	**0.60**	0.45	0.062	**0.19**	0.14	0.020	**B**
56-23-5	Carbon Tetrachloride	**0.29**	0.11	0.011	**0.046**	0.018	0.0018	
78-87-5	1,2-Dichloropropane	0.11	0.11	0.011	0.024	0.024	0.0024	**U**
79-01-6	Trichloroethene	**30**	0.045	0.011	**5.7**	0.0083	0.0021	**B**
10061-01-5	cis-1,3-Dichloropropene	0.11	0.11	0.011	0.025	0.025	0.0025	**U**
79-00-5	1,1,2-Trichloroethane	0.11	0.11	0.011	0.020	0.020	0.0020	**U**
106-93-4	1,2-Dibromoethane	0.11	0.11	0.011	0.014	0.014	0.0014	**U**
127-18-4	Tetrachloroethene	**13**	0.11	0.011	**2.0**	0.016	0.0016	
79-34-5	1,1,2,2-Tetrachloroethane	0.11	0.11	0.011	0.016	0.016	0.0016	**U**
106-46-7	1,4-Dichlorobenzene	**0.23**	0.11	0.011	**0.038**	0.019	0.0019	

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: RC Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-11-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-002

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00023

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.3 Pf 1 = 3.5

Can D.F. = 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.040	0.040	0.0040	0.016	0.016	0.0016	U
67-66-3	Chloroform	**0.33**	0.16	0.021	**0.068**	0.033	0.0043	B
107-06-2	1,2-Dichloroethane	**0.021**	0.040	0.0040	**0.0053**	0.0099	0.00099	J
71-43-2	Benzene	**0.60**	0.16	0.022	**0.19**	0.050	0.0070	B
56-23-5	Carbon Tetrachloride	**0.20**	0.040	0.0040	**0.031**	0.0064	0.00064	
78-87-5	1,2-Dichloropropane	0.040	0.040	0.0040	0.0087	0.0087	0.00087	U
79-01-6	Trichloroethene	**0.079**	0.016	0.0040	**0.015**	0.0030	0.00074	B
10061-01-5	cis-1,3-Dichloropropene	0.040	0.040	0.0040	0.0088	0.0088	0.00088	U
79-00-5	1,1,2-Trichloroethane	0.040	0.040	0.0040	0.0073	0.0073	0.00073	U
106-93-4	1,2-Dibromoethane	0.040	0.040	0.0040	0.0052	0.0052	0.00052	U
127-18-4	Tetrachloroethene	**1.0**	0.040	0.0040	**0.15**	0.0059	0.00059	
79-34-5	1,1,2,2-Tetrachloroethane	0.040	0.040	0.0040	0.0058	0.0058	0.00058	U
106-46-7	1,4-Dichlorobenzene	**0.14**	0.040	0.0040	**0.023**	0.0067	0.00067	

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: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-12-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-003

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00948

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.0 Pf 1 = 3.5

Can D.F. = 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.043	0.043	0.0043	0.017	0.017	0.0017	U
67-66-3	Chloroform	**0.35**	0.17	0.022	**0.071**	0.035	0.0045	B
107-06-2	1,2-Dichloroethane	**0.020**	0.043	0.0043	**0.0050**	0.011	0.0011	J
71-43-2	Benzene	**0.48**	0.17	0.024	**0.15**	0.053	0.0075	B
56-23-5	Carbon Tetrachloride	**0.18**	0.043	0.0043	**0.029**	0.0068	0.00068	
78-87-5	1,2-Dichloropropane	0.043	0.043	0.0043	0.0092	0.0092	0.00092	U
79-01-6	Trichloroethene	**0.25**	0.017	0.0043	**0.046**	0.0032	0.00079	B
10061-01-5	cis-1,3-Dichloropropene	0.043	0.043	0.0043	0.0094	0.0094	0.00094	U
79-00-5	1,1,2-Trichloroethane	0.043	0.043	0.0043	0.0078	0.0078	0.00078	U
106-93-4	1,2-Dibromoethane	0.043	0.043	0.0043	0.0055	0.0055	0.00055	U
127-18-4	Tetrachloroethene	**4.6**	0.043	0.0043	**0.68**	0.0063	0.00063	
79-34-5	1,1,2,2-Tetrachloroethane	0.043	0.043	0.0043	0.0062	0.0062	0.00062	U
106-46-7	1,4-Dichlorobenzene	**0.16**	0.043	0.0043	**0.027**	0.0071	0.00071	

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: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-17-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-004

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00602

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.5 Pf 1 = 3.5

Can D.F. = 1.78

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.0077**	0.045	0.0045	**0.0030**	0.017	0.0017	**J**
67-66-3	Chloroform	**0.11**	0.18	0.023	**0.023**	0.036	0.0047	**J, B**
107-06-2	1,2-Dichloroethane	**0.040**	0.045	0.0045	**0.0098**	0.011	0.0011	**J**
71-43-2	Benzene	**0.60**	0.18	0.025	**0.19**	0.056	0.0078	**B**
56-23-5	Carbon Tetrachloride	**0.18**	0.045	0.0045	**0.028**	0.0071	0.00071	
78-87-5	1,2-Dichloropropane	0.045	0.045	0.0045	0.0096	0.0096	0.00096	**U**
79-01-6	Trichloroethene	**0.022**	0.018	0.0045	**0.0041**	0.0033	0.00083	**B**
10061-01-5	cis-1,3-Dichloropropene	0.045	0.045	0.0045	0.0098	0.0098	0.00098	**U**
79-00-5	1,1,2-Trichloroethane	0.045	0.045	0.0045	0.0082	0.0082	0.00082	**U**
106-93-4	1,2-Dibromoethane	0.045	0.045	0.0045	0.0058	0.0058	0.00058	**U**
127-18-4	Tetrachloroethene	**0.23**	0.045	0.0045	**0.034**	0.0066	0.00066	
79-34-5	1,1,2,2-Tetrachloroethane	0.045	0.045	0.0045	0.0065	0.0065	0.00065	**U**
106-46-7	1,4-Dichlorobenzene	**0.088**	0.045	0.0045	**0.015**	0.0074	0.00074	

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: Ru Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **HH-FN4-5-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-005

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00682

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.0062**	0.041	0.0041	**0.0024**	0.016	0.0016	**J**
67-66-3	Chloroform	**0.10**	0.16	0.021	**0.021**	0.034	0.0044	**J, B**
107-06-2	1,2-Dichloroethane	**0.021**	0.041	0.0041	**0.0052**	0.010	0.0010	**J**
71-43-2	Benzene	**0.49**	0.16	0.023	**0.15**	0.051	0.0072	**B**
56-23-5	Carbon Tetrachloride	**0.19**	0.041	0.0041	**0.031**	0.0065	0.00065	
78-87-5	1,2-Dichloropropane	0.041	0.041	0.0041	0.0089	0.0089	0.00089	**U**
79-01-6	Trichloroethene	**0.018**	0.016	0.0041	**0.0034**	0.0031	0.00076	**B**
10061-01-5	cis-1,3-Dichloropropene	0.041	0.041	0.0041	0.0090	0.0090	0.00090	**U**
79-00-5	1,1,2-Trichloroethane	0.041	0.041	0.0041	0.0075	0.0075	0.00075	**U**
106-93-4	1,2-Dibromoethane	0.041	0.041	0.0041	0.0053	0.0053	0.00053	**U**
127-18-4	Tetrachloroethene	**0.52**	0.041	0.0041	**0.077**	0.0060	0.00060	
79-34-5	1,1,2,2-Tetrachloroethane	0.041	0.041	0.0041	0.0060	0.0060	0.00060	**U**
106-46-7	1,4-Dichlorobenzene	**0.14**	0.041	0.0041	**0.023**	0.0068	0.00068	

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: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-05_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-006

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00650

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.8 Pf 1 = 3.5

Can D.F. = 1.67

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.0090**	0.042	0.0042	**0.0035**	0.016	0.0016	**J**
67-66-3	Chloroform	**0.096**	0.17	0.022	**0.020**	0.034	0.0044	**J, B**
107-06-2	1,2-Dichloroethane	**0.021**	0.042	0.0042	**0.0051**	0.010	0.0010	**J**
71-43-2	Benzene	**0.68**	0.17	0.023	**0.21**	0.052	0.0073	**B**
56-23-5	Carbon Tetrachloride	**0.23**	0.042	0.0042	**0.036**	0.0066	0.00066	
78-87-5	1,2-Dichloropropane	0.042	0.042	0.0042	0.0090	0.0090	0.00090	**U**
79-01-6	Trichloroethene	**0.042**	0.017	0.0042	**0.0079**	0.0031	0.00078	**B**
10061-01-5	cis-1,3-Dichloropropene	0.042	0.042	0.0042	0.0092	0.0092	0.00092	**U**
79-00-5	1,1,2-Trichloroethane	0.042	0.042	0.0042	0.0077	0.0077	0.00077	**U**
106-93-4	1,2-Dibromoethane	0.042	0.042	0.0042	0.0054	0.0054	0.00054	**U**
127-18-4	Tetrachloroethene	**0.29**	0.042	0.0042	**0.043**	0.0062	0.00062	
79-34-5	1,1,2,2-Tetrachloroethane	0.042	0.042	0.0042	0.0061	0.0061	0.00061	**U**
106-46-7	1,4-Dichlorobenzene	**0.77**	0.042	0.0042	**0.13**	0.0069	0.00069	

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: RC Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-06_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-007

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01140

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.2 Pf 1 = 3.5

Can D.F. = 1.58

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	0.040	0.040	0.0040	0.015	0.015	0.0015	U
67-66-3	Chloroform	**0.055**	0.16	0.021	**0.011**	0.032	0.0042	J, B
107-06-2	1,2-Dichloroethane	**0.019**	0.040	0.0040	**0.0047**	0.0098	0.00098	J
71-43-2	Benzene	**0.49**	0.16	0.022	**0.15**	0.049	0.0069	B
56-23-5	Carbon Tetrachloride	**0.23**	0.040	0.0040	**0.037**	0.0063	0.00063	
78-87-5	1,2-Dichloropropane	0.040	0.040	0.0040	0.0086	0.0086	0.00086	U
79-01-6	Trichloroethene	**0.0073**	0.016	0.0040	**0.0014**	0.0029	0.00074	J, B
10061-01-5	cis-1,3-Dichloropropene	0.040	0.040	0.0040	0.0087	0.0087	0.00087	U
79-00-5	1,1,2-Trichloroethane	0.040	0.040	0.0040	0.0072	0.0072	0.00072	U
106-93-4	1,2-Dibromoethane	0.040	0.040	0.0040	0.0051	0.0051	0.00051	U
127-18-4	Tetrachloroethene	**0.16**	0.040	0.0040	**0.024**	0.0058	0.00058	
79-34-5	1,1,2,2-Tetrachloroethane	0.040	0.040	0.0040	0.0058	0.0058	0.00058	U
106-46-7	1,4-Dichlorobenzene	**0.018**	0.040	0.0040	**0.0030**	0.0066	0.00066	J

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: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D01_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-008

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00311

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/22/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.1 Pf 1 = 3.5

Can D.F. = 1.72

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	**0.0073**	0.043	0.0043	**0.0029**	0.017	0.0017	**J**
67-66-3	Chloroform	**0.10**	0.17	0.022	**0.021**	0.035	0.0046	**J, B**
107-06-2	1,2-Dichloroethane	**0.021**	0.043	0.0043	**0.0053**	0.011	0.0011	**J**
71-43-2	Benzene	**0.49**	0.17	0.024	**0.15**	0.054	0.0075	**B**
56-23-5	Carbon Tetrachloride	**0.21**	0.043	0.0043	**0.034**	0.0068	0.00068	
78-87-5	1,2-Dichloropropane	0.043	0.043	0.0043	0.0093	0.0093	0.00093	**U**
79-01-6	Trichloroethene	**0.016**	0.017	0.0043	**0.0030**	0.0032	0.00080	**J, B**
10061-01-5	cis-1,3-Dichloropropene	0.043	0.043	0.0043	0.0095	0.0095	0.00095	**U**
79-00-5	1,1,2-Trichloroethane	0.043	0.043	0.0043	0.0079	0.0079	0.00079	**U**
106-93-4	1,2-Dibromoethane	0.043	0.043	0.0043	0.0056	0.0056	0.00056	**U**
127-18-4	Tetrachloroethene	**0.21**	0.043	0.0043	**0.031**	0.0063	0.00063	
79-34-5	1,1,2,2-Tetrachloroethane	0.043	0.043	0.0043	0.0063	0.0063	0.00063	**U**
106-46-7	1,4-Dichlorobenzene	**0.084**	0.043	0.0043	**0.014**	0.0072	0.00072	

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: RC Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P070622-MB

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 6/22/07
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
75-01-4	Vinyl Chloride	0.025	0.025	0.0025	0.0098	0.0098	0.00098	U
67-66-3	Chloroform	**0.024**	0.10	0.013	**0.0050**	0.020	0.0027	J
107-06-2	1,2-Dichloroethane	0.025	0.025	0.0025	0.0062	0.0062	0.00062	U
71-43-2	Benzene	**0.045**	0.10	0.014	**0.014**	0.031	0.0044	J
56-23-5	Carbon Tetrachloride	0.025	0.025	0.0025	0.0040	0.0040	0.00040	U
78-87-5	1,2-Dichloropropane	0.025	0.025	0.0025	0.0054	0.0054	0.00054	U
79-01-6	Trichloroethene	**0.0034**	0.010	0.0025	**0.00063**	0.0019	0.00047	J
10061-01-5	cis-1,3-Dichloropropene	0.025	0.025	0.0025	0.0055	0.0055	0.00055	U
79-00-5	1,1,2-Trichloroethane	0.025	0.025	0.0025	0.0046	0.0046	0.00046	U
106-93-4	1,2-Dibromoethane	0.025	0.025	0.0025	0.0033	0.0033	0.00033	U
127-18-4	Tetrachloroethene	0.025	0.025	0.0025	0.0037	0.0037	0.00037	U
79-34-5	1,1,2,2-Tetrachloroethane	**0.0056**	0.025	0.0025	**0.00081**	0.0036	0.00036	J
106-46-7	1,4-Dichlorobenzene	0.025	0.025	0.0025	0.0042	0.0042	0.00042	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: Rc. Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809

Surrogate Spike Recovery Results

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister(s)
Test Notes:

Date Collected: 6/18/07
Date Received: 6/20/07
Date Analyzed: 6/22/07

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	P070622-MB	**84**	70-130	**95**	70-130	**92**	70-130	
Lab Control Sample	P070622-LCS	**87**	70-130	**95**	70-130	**94**	70-130	
ELE-VLT-06-CL_061807	P2701809-001	**86**	70-130	**96**	70-130	**94**	70-130	
ELE-VLT-06-CL_061807	P2701809-001DUP	**85**	70-130	**97**	70-130	**94**	70-130	
ELE-VLT-11-CL_061807	P2701809-002	**79**	70-130	**94**	70-130	**125**	70-130	
ELE-VLT-12-CL_061807	P2701809-003	**84**	70-130	**97**	70-130	**95**	70-130	
ELE-VLT-17-CL_061807	P2701809-004	**83**	70-130	**96**	70-130	**94**	70-130	
HH-FN4-5-CL_061807	P2701809-005	**84**	70-130	**96**	70-130	**94**	70-130	
Ambient-05_061807	P2701809-006	**82**	70-130	**96**	70-130	**93**	70-130	
Ambient-06_061807	P2701809-007	**82**	70-130	**95**	70-130	**95**	70-130	
Vault-D01_061807	P2701809-008	**83**	70-130	**95**	70-130	**95**	70-130	

Verified By: Rc Date: 6-28-07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P070622-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 6/22/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked pg	Amount Recovered pg	% Recovery	Acceptance Limits	Data Qualifier
75-01-4	Vinyl Chloride	495	415	**84**	70-130	
67-66-3	Chloroform	600	540	**90**	70-130	
107-06-2	1,2-Dichloroethane	520	444	**85**	70-130	
71-43-2	Benzene	525	450	**86**	70-130	
56-23-5	Carbon Tetrachloride	515	456	**89**	70-130	
78-87-5	1,2-Dichloropropane	520	484	**93**	70-130	
79-01-6	Trichloroethene	545	534	**98**	70-130	
10061-01-5	cis-1,3-Dichloropropene	520	468	**90**	70-130	
79-00-5	1,1,2-Trichloroethane	515	498	**97**	70-130	
106-93-4	1,2-Dibromoethane	520	522	**100**	70-130	
127-18-4	Tetrachloroethene	515	514	**100**	70-130	
79-34-5	1,1,2,2-Tetrachloroethane	585	679	**116**	70-130	
106-46-7	1,4-Dichlorobenzene	520	627	**121**	70-130	

Verified By: RC Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809

Method Blank Summary

Test Code: EPA TO-15 SIM
Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS7
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Lab File ID: 06220704.D
Date Analyzed: 6/22/07
Time Analyzed: 10:33

Client Sample ID	CAS Sample ID	Lab File ID	Time Analyzed
Lab Control Sample	P070622-LCS	06220708.D	13:21
ELE-VLT-06-CL_061807	P2701809-001	06220710.D	14:40
ELE-VLT-11-CL_061807	P2701809-002	06220711.D	15:22
ELE-VLT-06-CL_061807 (Lab Duplicate)	P2701809-001DUP	06220712.D	16:02
ELE-VLT-12-CL_061807	P2701809-003	06220713.D	17:03
ELE-VLT-17-CL_061807	P2701809-004	06220714.D	17:34
HH-FN4-5-CL_061807	P2701809-005	06220715.D	18:04
Ambient-05_061807	P2701809-006	06220716.D	18:35
Ambient-06_061807	P2701809-007	06220717.D	19:06
Vault-D01_061807	P2701809-008	06220718.D	19:36

Verified by: RC Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-06-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01448

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.5 Pf 1 = 3.5

Can D.F. = 1.78

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)	**2.7**	0.89	0.089	**0.55**	0.18	0.018	
74-87-3	Chloromethane	0.89	0.89	0.17	0.43	0.43	0.084	**U**
75-01-4	Vinyl Chloride	**1.3**	0.89	0.21	**0.51**	0.35	0.084	
74-83-9	Bromomethane	0.89	0.89	0.25	0.23	0.23	0.064	**U**
75-00-3	Chloroethane	**0.26**	0.89	0.12	**0.10**	0.34	0.045	**J**
107-02-8	Acrolein	**4.7**	0.89	0.18	**2.0**	0.39	0.078	
67-64-1	Acetone	**36**	8.9	0.16	**15**	3.7	0.067	**B**
75-69-4	Trichlorofluoromethane	**7.7**	0.89	0.14	**1.4**	0.16	0.025	
107-13-1	Acrylonitrile	**0.13**	0.89	0.089	**0.058**	0.41	0.041	**J**
75-35-4	1,1-Dichloroethene	**23**	0.89	0.089	**5.9**	0.22	0.022	
75-09-2	Methylene chloride	**0.30**	0.89	0.12	**0.088**	0.26	0.034	**J, B**
76-13-1	Trichlorotrifluoroethane	**18**	0.89	0.18	**2.3**	0.12	0.023	
75-15-0	Carbon Disulfide	**0.73**	0.89	0.089	**0.24**	0.29	0.029	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.89	0.89	0.091	0.22	0.22	0.023	**U**
75-34-3	1,1-Dichloroethane	**18**	0.89	0.089	**4.5**	0.22	0.022	
1634-04-4	Methyl tert-Butyl Ether	0.89	0.89	0.089	0.25	0.25	0.025	**U**
108-05-4	Vinyl Acetate	**8.3**	1.8	0.45	**2.4**	0.51	0.13	
78-93-3	2-Butanone (MEK)	**6.3**	0.89	0.21	**2.1**	0.30	0.072	
156-59-2	cis-1,2-Dichloroethene	**0.37**	0.89	0.089	**0.094**	0.22	0.022	**J**

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: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-06-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01448

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.5 Pf 1 = 3.5

Can D.F. = 1.78

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**4.2**	0.89	0.089	**0.86**	0.18	0.018	
107-06-2	1,2-Dichloroethane	0.89	0.89	0.12	0.22	0.22	0.029	U
71-55-6	1,1,1-Trichloroethane	**0.53**	0.89	0.089	**0.097**	0.16	0.016	J
71-43-2	Benzene	**0.49**	0.89	0.28	**0.15**	0.28	0.089	J
56-23-5	Carbon Tetrachloride	**0.36**	0.89	0.18	**0.057**	0.14	0.028	J
78-87-5	1,2-Dichloropropane	0.89	0.89	0.10	0.19	0.19	0.022	U
75-27-4	Bromodichloromethane	0.89	0.89	0.14	0.13	0.13	0.022	U
79-01-6	Trichloroethene	**31**	0.89	0.13	**5.7**	0.17	0.025	
10061-01-5	cis-1,3-Dichloropropene	0.89	0.89	0.089	0.20	0.20	0.020	U
108-10-1	4-Methyl-2-pentanone	**0.57**	0.89	0.10	**0.14**	0.22	0.024	J
10061-02-6	trans-1,3-Dichloropropene	0.89	0.89	0.12	0.20	0.20	0.027	U
79-00-5	1,1,2-Trichloroethane	0.89	0.89	0.20	0.16	0.16	0.036	U
108-88-3	Toluene	**1.2**	0.89	0.089	**0.32**	0.24	0.024	
591-78-6	2-Hexanone	**1.2**	0.89	0.089	**0.28**	0.22	0.022	
124-48-1	Dibromochloromethane	0.89	0.89	0.093	0.10	0.10	0.011	U
106-93-4	1,2-Dibromoethane	0.89	0.89	0.10	0.12	0.12	0.013	U
127-18-4	Tetrachloroethene	**14**	0.89	0.12	**2.0**	0.13	0.017	
108-90-7	Chlorobenzene	0.89	0.89	0.089	0.19	0.19	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.

Verified By: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-06-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01448

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.5 Pf 1 = 3.5

Can D.F. = 1.78

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.25**	0.89	0.089	**0.057**	0.20	0.020	**J**
179601-23-1	*m,p*-Xylenes	**0.94**	1.8	0.18	**0.22**	0.41	0.041	**J**
75-25-2	Bromoform	0.89	0.89	0.18	0.086	0.086	0.017	**U**
100-42-5	Styrene	**2.6**	0.89	0.089	**0.61**	0.21	0.021	
95-47-6	o-Xylene	**0.38**	0.89	0.089	**0.087**	0.20	0.020	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.89	0.89	0.11	0.13	0.13	0.016	**U**
98-82-8	Cumene	**0.14**	0.89	0.089	**0.028**	0.18	0.018	**J**
103-65-1	n-Propylbenzene	**0.18**	0.89	0.089	**0.037**	0.18	0.018	**J**
108-67-8	1,3,5-Trimethylbenzene	0.89	0.89	0.34	0.18	0.18	0.069	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.60**	0.89	0.43	**0.12**	0.18	0.087	**J**
541-73-1	1,3-Dichlorobenzene	0.89	0.89	0.12	0.15	0.15	0.020	**U**
106-46-7	1,4-Dichlorobenzene	**0.24**	0.89	0.12	**0.041**	0.15	0.021	**J**
135-98-8	sec-Butylbenzene	0.89	0.89	0.12	0.16	0.16	0.023	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.89	0.89	0.21	0.16	0.16	0.039	**U**
95-50-1	1,2-Dichlorobenzene	0.89	0.89	0.21	0.15	0.15	0.036	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.89	0.89	0.18	0.092	0.092	0.018	**U**
120-82-1	1,2,4-Trichlorobenzene	0.89	0.89	0.39	0.12	0.12	0.053	**U**
91-20-3	Naphthalene	**0.62**	0.89	0.43	**0.12**	0.17	0.082	**J**
87-68-3	Hexachlorobutadiene	0.89	0.89	0.18	0.083	0.083	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.

Verified By: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-11-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00023

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.3 Pf 1 = 3.5

Can D.F. = 1.60

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)	**2.3**	0.80	0.080	**0.47**	0.16	0.016	
74-87-3	Chloromethane	**0.30**	0.80	0.16	**0.14**	0.39	0.075	**J**
75-01-4	Vinyl Chloride	0.80	0.80	0.19	0.31	0.31	0.075	**U**
74-83-9	Bromomethane	0.80	0.80	0.22	0.21	0.21	0.058	**U**
75-00-3	Chloroethane	**0.38**	0.80	0.11	**0.14**	0.30	0.040	**J**
107-02-8	Acrolein	**4.0**	0.80	0.16	**1.8**	0.35	0.070	
67-64-1	Acetone	**43**	8.0	0.14	**18**	3.4	0.061	**B**
75-69-4	Trichlorofluoromethane	**1.3**	0.80	0.13	**0.24**	0.14	0.023	
107-13-1	Acrylonitrile	**0.12**	0.80	0.080	**0.058**	0.37	0.037	**J**
75-35-4	1,1-Dichloroethene	0.80	0.80	0.080	0.20	0.20	0.020	**U**
75-09-2	Methylene chloride	**0.34**	0.80	0.11	**0.098**	0.23	0.030	**J, B**
76-13-1	Trichlorotrifluoroethane	**4.7**	0.80	0.16	**0.62**	0.10	0.021	
75-15-0	Carbon Disulfide	**3.7**	0.80	0.080	**1.2**	0.26	0.026	**B**
156-60-5	trans-1,2-Dichloroethene	0.80	0.80	0.082	0.20	0.20	0.021	**U**
75-34-3	1,1-Dichloroethane	0.80	0.80	0.080	0.20	0.20	0.020	**U**
1634-04-4	Methyl tert-Butyl Ether	0.80	0.80	0.080	0.22	0.22	0.022	**U**
108-05-4	Vinyl Acetate	**8.5**	1.6	0.40	**2.4**	0.45	0.11	
78-93-3	2-Butanone (MEK)	**13**	0.80	0.19	**4.5**	0.27	0.065	
156-59-2	cis-1,2-Dichloroethene	0.80	0.80	0.080	0.20	0.20	0.020	**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: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-11-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00023

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.3 Pf 1 = 3.5

Can D.F. = 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.36**	0.80	0.080	**0.074**	0.16	0.016	**J**
107-06-2	1,2-Dichloroethane	0.80	0.80	0.11	0.20	0.20	0.026	**U**
71-55-6	1,1,1-Trichloroethane	0.80	0.80	0.080	0.15	0.15	0.015	**U**
71-43-2	Benzene	**0.58**	0.80	0.26	**0.18**	0.25	0.080	**J**
56-23-5	Carbon Tetrachloride	**0.29**	0.80	0.16	**0.046**	0.13	0.025	**J**
78-87-5	1,2-Dichloropropane	0.80	0.80	0.091	0.17	0.17	0.020	**U**
75-27-4	Bromodichloromethane	0.80	0.80	0.13	0.12	0.12	0.019	**U**
79-01-6	Trichloroethene	0.80	0.80	0.12	0.15	0.15	0.022	**U**
10061-01-5	cis-1,3-Dichloropropene	0.80	0.80	0.080	0.18	0.18	0.018	**U**
108-10-1	4-Methyl-2-pentanone	**1.5**	0.80	0.090	**0.37**	0.20	0.022	
10061-02-6	trans-1,3-Dichloropropene	0.80	0.80	0.11	0.18	0.18	0.024	**U**
79-00-5	1,1,2-Trichloroethane	0.80	0.80	0.18	0.15	0.15	0.032	**U**
108-88-3	Toluene	**2.1**	0.80	0.080	**0.55**	0.21	0.021	
591-78-6	2-Hexanone	**1.5**	0.80	0.080	**0.38**	0.20	0.020	
124-48-1	Dibromochloromethane	0.80	0.80	0.083	0.094	0.094	0.0098	**U**
106-93-4	1,2-Dibromoethane	0.80	0.80	0.093	0.10	0.10	0.012	**U**
127-18-4	Tetrachloroethene	**1.2**	0.80	0.10	**0.17**	0.12	0.015	
108-90-7	Chlorobenzene	**0.11**	0.80	0.080	**0.023**	0.17	0.017	**J**

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: Re Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-11-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00023

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.3 Pf 1 = 3.5

Can D.F. = 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.35**	0.80	0.080	**0.080**	0.18	0.018	**J**
179601-23-1	*m,p* -Xylenes	**1.2**	1.6	0.16	**0.28**	0.37	0.037	**J**
75-25-2	Bromoform	0.80	0.80	0.16	0.077	0.077	0.015	**U**
100-42-5	Styrene	**22**	0.80	0.080	**5.1**	0.19	0.019	
95-47-6	o-Xylene	**0.56**	0.80	0.080	**0.13**	0.18	0.018	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.80	0.80	0.098	0.12	0.12	0.014	**U**
98-82-8	Cumene	**0.64**	0.80	0.080	**0.13**	0.16	0.016	**J**
103-65-1	n-Propylbenzene	**0.27**	0.80	0.080	**0.055**	0.16	0.016	**J**
108-67-8	1,3,5-Trimethylbenzene	0.80	0.80	0.30	0.16	0.16	0.062	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.90**	0.80	0.38	**0.18**	0.16	0.078	
541-73-1	1,3-Dichlorobenzene	0.80	0.80	0.11	0.13	0.13	0.018	**U**
106-46-7	1,4-Dichlorobenzene	**0.11**	0.80	0.11	**0.019**	0.13	0.019	**J**
135-98-8	sec-Butylbenzene	0.80	0.80	0.11	0.15	0.15	0.020	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.80	0.80	0.19	0.15	0.15	0.035	**U**
95-50-1	1,2-Dichlorobenzene	0.80	0.80	0.19	0.13	0.13	0.032	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.80	0.80	0.16	0.083	0.083	0.017	**U**
120-82-1	1,2,4-Trichlorobenzene	0.80	0.80	0.35	0.11	0.11	0.047	**U**
91-20-3	Naphthalene	**0.60**	0.80	0.38	**0.11**	0.15	0.073	**J**
87-68-3	Hexachlorobutadiene	0.80	0.80	0.16	0.075	0.075	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: Re Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-12-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00948

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.0 Pf 1 = 3.5

Can D.F. = 1.70

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**	0.85	0.085	**0.48**	0.17	0.017	
74-87-3	Chloromethane	**0.21**	0.85	0.16	**0.10**	0.41	0.080	**J**
75-01-4	Vinyl Chloride	0.85	0.85	0.20	0.33	0.33	0.080	**U**
74-83-9	Bromomethane	0.85	0.85	0.24	0.22	0.22	0.061	**U**
75-00-3	Chloroethane	**0.19**	0.85	0.11	**0.073**	0.32	0.043	**J**
107-02-8	Acrolein	**2.4**	0.85	0.17	**1.1**	0.37	0.074	
67-64-1	Acetone	**32**	8.5	0.15	**13**	3.6	0.064	**B**
75-69-4	Trichlorofluoromethane	**1.6**	0.85	0.14	**0.28**	0.15	0.024	
107-13-1	Acrylonitrile	**0.099**	0.85	0.085	**0.045**	0.39	0.039	**J**
75-35-4	1,1-Dichloroethene	0.85	0.85	0.085	0.21	0.21	0.021	**U**
75-09-2	Methylene chloride	**0.37**	0.85	0.11	**0.11**	0.24	0.032	**J, B**
76-13-1	Trichlorotrifluoroethane	**1.0**	0.85	0.17	**0.13**	0.11	0.022	
75-15-0	Carbon Disulfide	**0.77**	0.85	0.085	**0.25**	0.27	0.027	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.85	0.85	0.087	0.21	0.21	0.022	**U**
75-34-3	1,1-Dichloroethane	0.85	0.85	0.085	0.21	0.21	0.021	**U**
1634-04-4	Methyl tert-Butyl Ether	0.85	0.85	0.085	0.24	0.24	0.024	**U**
108-05-4	Vinyl Acetate	1.7	1.7	0.43	0.48	0.48	0.12	**U**
78-93-3	2-Butanone (MEK)	**9.1**	0.85	0.20	**3.1**	0.29	0.069	
156-59-2	cis-1,2-Dichloroethene	0.85	0.85	0.085	0.21	0.21	0.021	**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: Ro Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-12-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00948

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.0 Pf 1 = 3.5

Can D.F. = 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.33**	0.85	0.085	**0.068**	0.17	0.017	**J**
107-06-2	1,2-Dichloroethane	0.85	0.85	0.11	0.21	0.21	0.028	**U**
71-55-6	1,1,1-Trichloroethane	0.85	0.85	0.085	0.16	0.16	0.016	**U**
71-43-2	Benzene	**0.52**	0.85	0.27	**0.16**	0.27	0.085	**J**
56-23-5	Carbon Tetrachloride	**0.32**	0.85	0.17	**0.050**	0.14	0.027	**J**
78-87-5	1,2-Dichloropropane	0.85	0.85	0.097	0.18	0.18	0.021	**U**
75-27-4	Bromodichloromethane	0.85	0.85	0.14	0.13	0.13	0.021	**U**
79-01-6	Trichloroethene	**0.26**	0.85	0.13	**0.049**	0.16	0.023	**J**
10061-01-5	cis-1,3-Dichloropropene	0.85	0.85	0.085	0.19	0.19	0.019	**U**
108-10-1	4-Methyl-2-pentanone	**0.71**	0.85	0.095	**0.17**	0.21	0.023	**J**
10061-02-6	trans-1,3-Dichloropropene	0.85	0.85	0.12	0.19	0.19	0.025	**U**
79-00-5	1,1,2-Trichloroethane	0.85	0.85	0.19	0.16	0.16	0.034	**U**
108-88-3	Toluene	**2.1**	0.85	0.085	**0.55**	0.23	0.023	
591-78-6	2-Hexanone	**1.2**	0.85	0.085	**0.28**	0.21	0.021	
124-48-1	Dibromochloromethane	0.85	0.85	0.088	0.10	0.10	0.010	**U**
106-93-4	1,2-Dibromoethane	0.85	0.85	0.099	0.11	0.11	0.013	**U**
127-18-4	Tetrachloroethene	**4.9**	0.85	0.11	**0.72**	0.13	0.016	
108-90-7	Chlorobenzene	0.85	0.85	0.085	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.

Verified By: Ro Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-12-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00948

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.0 Pf 1 = 3.5

Can D.F. = 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.39**	0.85	0.085	**0.089**	0.20	0.020	**J**
179601-23-1	*m,p*-Xylenes	**1.3**	1.7	0.17	**0.31**	0.39	0.039	**J**
75-25-2	Bromoform	0.85	0.85	0.17	0.082	0.082	0.016	**U**
100-42-5	Styrene	**1.8**	0.85	0.085	**0.42**	0.20	0.020	
95-47-6	o-Xylene	**0.58**	0.85	0.085	**0.13**	0.20	0.020	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.85	0.85	0.10	0.12	0.12	0.015	**U**
98-82-8	Cumene	**1.7**	0.85	0.085	**0.34**	0.17	0.017	
103-65-1	n-Propylbenzene	**0.81**	0.85	0.085	**0.16**	0.17	0.017	**J**
108-67-8	1,3,5-Trimethylbenzene	**1.6**	0.85	0.32	**0.33**	0.17	0.066	
95-63-6	1,2,4-Trimethylbenzene	**3.8**	0.85	0.41	**0.77**	0.17	0.083	
541-73-1	1,3-Dichlorobenzene	0.85	0.85	0.11	0.14	0.14	0.019	**U**
106-46-7	1,4-Dichlorobenzene	**0.16**	0.85	0.12	**0.026**	0.14	0.020	**J**
135-98-8	sec-Butylbenzene	0.85	0.85	0.12	0.15	0.15	0.022	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	**0.24**	0.85	0.20	**0.044**	0.15	0.037	**J**
95-50-1	1,2-Dichlorobenzene	0.85	0.85	0.20	0.14	0.14	0.034	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.85	0.85	0.17	0.088	0.088	0.018	**U**
120-82-1	1,2,4-Trichlorobenzene	0.85	0.85	0.37	0.11	0.11	0.050	**U**
91-20-3	Naphthalene	0.85	0.85	0.41	0.16	0.16	0.078	**U**
87-68-3	Hexachlorobutadiene	0.85	0.85	0.17	0.080	0.080	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: RG Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-17-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00602

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.5 Pf 1 = 3.5

Can D.F. = 1.78

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)	**2.3**	0.89	0.089	**0.46**	0.18	0.018	
74-87-3	Chloromethane	**0.28**	0.89	0.17	**0.14**	0.43	0.084	**J**
75-01-4	Vinyl Chloride	0.89	0.89	0.21	0.35	0.35	0.084	**U**
74-83-9	Bromomethane	0.89	0.89	0.25	0.23	0.23	0.064	**U**
75-00-3	Chloroethane	0.89	0.89	0.12	0.34	0.34	0.045	**U**
107-02-8	Acrolein	**3.0**	0.89	0.18	**1.3**	0.39	0.078	
67-64-1	Acetone	**16**	8.9	0.16	**6.7**	3.7	0.067	**B**
75-69-4	Trichlorofluoromethane	**1.2**	0.89	0.14	**0.22**	0.16	0.025	
107-13-1	Acrylonitrile	**0.11**	0.89	0.089	**0.048**	0.41	0.041	**J**
75-35-4	1,1-Dichloroethene	0.89	0.89	0.089	0.22	0.22	0.022	**U**
75-09-2	Methylene chloride	**0.33**	0.89	0.12	**0.094**	0.26	0.034	**J, B**
76-13-1	Trichlorotrifluoroethane	**0.74**	0.89	0.18	**0.097**	0.12	0.023	**J**
75-15-0	Carbon Disulfide	**1.7**	0.89	0.089	**0.54**	0.29	0.029	**B**
156-60-5	trans-1,2-Dichloroethene	0.89	0.89	0.091	0.22	0.22	0.023	**U**
75-34-3	1,1-Dichloroethane	0.89	0.89	0.089	0.22	0.22	0.022	**U**
1634-04-4	Methyl tert-Butyl Ether	0.89	0.89	0.089	0.25	0.25	0.025	**U**
108-05-4	Vinyl Acetate	**2.8**	1.8	0.45	**0.78**	0.51	0.13	
78-93-3	2-Butanone (MEK)	**4.8**	0.89	0.21	**1.6**	0.30	0.072	
156-59-2	cis-1,2-Dichloroethene	0.89	0.89	0.089	0.22	0.22	0.022	**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: RC Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-17-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00602

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.5 Pf 1 = 3.5

Can D.F. = 1.78

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.16**	0.89	0.089	**0.032**	0.18	0.018	**J**
107-06-2	1,2-Dichloroethane	0.89	0.89	0.12	0.22	0.22	0.029	**U**
71-55-6	1,1,1-Trichloroethane	**0.16**	0.89	0.089	**0.029**	0.16	0.016	**J**
71-43-2	Benzene	**0.41**	0.89	0.28	**0.13**	0.28	0.089	**J**
56-23-5	Carbon Tetrachloride	**0.35**	0.89	0.18	**0.055**	0.14	0.028	**J**
78-87-5	1,2-Dichloropropane	0.89	0.89	0.10	0.19	0.19	0.022	**U**
75-27-4	Bromodichloromethane	0.89	0.89	0.14	0.13	0.13	0.022	**U**
79-01-6	Trichloroethene	0.89	0.89	0.13	0.17	0.17	0.025	**U**
10061-01-5	cis-1,3-Dichloropropene	0.89	0.89	0.089	0.20	0.20	0.020	**U**
108-10-1	4-Methyl-2-pentanone	**0.74**	0.89	0.10	**0.18**	0.22	0.024	**J**
10061-02-6	trans-1,3-Dichloropropene	0.89	0.89	0.12	0.20	0.20	0.027	**U**
79-00-5	1,1,2-Trichloroethane	0.89	0.89	0.20	0.16	0.16	0.036	**U**
108-88-3	Toluene	**2.8**	0.89	0.089	**0.75**	0.24	0.024	
591-78-6	2-Hexanone	**0.65**	0.89	0.089	**0.16**	0.22	0.022	**J**
124-48-1	Dibromochloromethane	0.89	0.89	0.093	0.10	0.10	0.011	**U**
106-93-4	1,2-Dibromoethane	0.89	0.89	0.10	0.12	0.12	0.013	**U**
127-18-4	Tetrachloroethene	**0.26**	0.89	0.12	**0.038**	0.13	0.017	**J**
108-90-7	Chlorobenzene	**0.16**	0.89	0.089	**0.035**	0.19	0.019	**J**

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: Ec Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **ELE-VLT-17-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00602

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.5 Pf 1 = 3.5

Can D.F. = 1.78

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.20**	0.89	0.089	**0.046**	0.20	0.020	**J**
179601-23-1	*m,p*-Xylenes	**0.70**	1.8	0.18	**0.16**	0.41	0.041	**J**
75-25-2	Bromoform	0.89	0.89	0.18	0.086	0.086	0.017	**U**
100-42-5	Styrene	**0.21**	0.89	0.089	**0.049**	0.21	0.021	**J**
95-47-6	o-Xylene	**0.30**	0.89	0.089	**0.068**	0.20	0.020	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.89	0.89	0.11	0.13	0.13	0.016	**U**
98-82-8	Cumene	**0.21**	0.89	0.089	**0.043**	0.18	0.018	**J**
103-65-1	n-Propylbenzene	**0.093**	0.89	0.089	**0.019**	0.18	0.018	**J**
108-67-8	1,3,5-Trimethylbenzene	0.89	0.89	0.34	0.18	0.18	0.069	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.46**	0.89	0.43	**0.095**	0.18	0.087	**J**
541-73-1	1,3-Dichlorobenzene	0.89	0.89	0.12	0.15	0.15	0.020	**U**
106-46-7	1,4-Dichlorobenzene	0.89	0.89	0.12	0.15	0.15	0.021	**U**
135-98-8	sec-Butylbenzene	0.89	0.89	0.12	0.16	0.16	0.023	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.89	0.89	0.21	0.16	0.16	0.039	**U**
95-50-1	1,2-Dichlorobenzene	0.89	0.89	0.21	0.15	0.15	0.036	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.89	0.89	0.18	0.092	0.092	0.018	**U**
120-82-1	1,2,4-Trichlorobenzene	0.89	0.89	0.39	0.12	0.12	0.053	**U**
91-20-3	Naphthalene	0.89	0.89	0.43	0.17	0.17	0.082	**U**
87-68-3	Hexachlorobutadiene	0.89	0.89	0.18	0.083	0.083	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.

Verified By: Ru Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **HH-FN4-5-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00682

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

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)	**2.3**	0.82	0.082	**0.47**	0.17	0.017	
74-87-3	Chloromethane	**0.28**	0.82	0.16	**0.13**	0.40	0.077	**J**
75-01-4	Vinyl Chloride	0.82	0.82	0.20	0.32	0.32	0.077	**U**
74-83-9	Bromomethane	0.82	0.82	0.23	0.21	0.21	0.059	**U**
75-00-3	Chloroethane	**0.11**	0.82	0.11	**0.043**	0.31	0.041	**J**
107-02-8	Acrolein	**2.9**	0.82	0.16	**1.3**	0.36	0.072	
67-64-1	Acetone	**23**	8.2	0.15	**9.9**	3.5	0.062	**B**
75-69-4	Trichlorofluoromethane	**1.3**	0.82	0.13	**0.23**	0.15	0.023	
107-13-1	Acrylonitrile	0.82	0.82	0.082	0.38	0.38	0.038	**U**
75-35-4	1,1-Dichloroethene	0.82	0.82	0.082	0.21	0.21	0.021	**U**
75-09-2	Methylene chloride	**0.24**	0.82	0.11	**0.068**	0.24	0.031	**J, B**
76-13-1	Trichlorotrifluoroethane	**0.61**	0.82	0.16	**0.079**	0.11	0.021	**J**
75-15-0	Carbon Disulfide	**1.1**	0.82	0.082	**0.36**	0.26	0.026	**B**
156-60-5	trans-1,2-Dichloroethene	0.82	0.82	0.084	0.21	0.21	0.021	**U**
75-34-3	1,1-Dichloroethane	0.82	0.82	0.082	0.20	0.20	0.020	**U**
1634-04-4	Methyl tert-Butyl Ether	0.82	0.82	0.082	0.23	0.23	0.023	**U**
108-05-4	Vinyl Acetate	**3.3**	1.6	0.41	**0.93**	0.47	0.12	
78-93-3	2-Butanone (MEK)	**8.3**	0.82	0.20	**2.8**	0.28	0.067	
156-59-2	cis-1,2-Dichloroethene	0.82	0.82	0.082	0.21	0.21	0.021	**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: RG Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **HH-FN4-5-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00682

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	**0.095**	0.82	0.082	**0.019**	0.17	0.017	**J**
107-06-2	1,2-Dichloroethane	0.82	0.82	0.11	0.20	0.20	0.027	**U**
71-55-6	1,1,1-Trichloroethane	0.82	0.82	0.082	0.15	0.15	0.015	**U**
71-43-2	Benzene	0.82	0.82	0.26	0.26	0.26	0.082	**U**
56-23-5	Carbon Tetrachloride	**0.33**	0.82	0.16	**0.053**	0.13	0.026	**J**
78-87-5	1,2-Dichloropropane	0.82	0.82	0.093	0.18	0.18	0.020	**U**
75-27-4	Bromodichloromethane	0.82	0.82	0.13	0.12	0.12	0.020	**U**
79-01-6	Trichloroethene	0.82	0.82	0.12	0.15	0.15	0.023	**U**
10061-01-5	cis-1,3-Dichloropropene	0.82	0.82	0.082	0.18	0.18	0.018	**U**
108-10-1	4-Methyl-2-pentanone	**0.50**	0.82	0.092	**0.12**	0.20	0.022	**J**
10061-02-6	trans-1,3-Dichloropropene	0.82	0.82	0.11	0.18	0.18	0.025	**U**
79-00-5	1,1,2-Trichloroethane	0.82	0.82	0.18	0.15	0.15	0.033	**U**
108-88-3	Toluene	**0.71**	0.82	0.082	**0.19**	0.22	0.022	**J**
591-78-6	2-Hexanone	**0.66**	0.82	0.082	**0.16**	0.20	0.020	**J**
124-48-1	Dibromochloromethane	0.82	0.82	0.085	0.096	0.096	0.010	**U**
106-93-4	1,2-Dibromoethane	0.82	0.82	0.095	0.11	0.11	0.012	**U**
127-18-4	Tetrachloroethene	**0.57**	0.82	0.11	**0.084**	0.12	0.016	**J**
108-90-7	Chlorobenzene	0.82	0.82	0.082	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.

Verified By: RC Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **HH-FN4-5-CL_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00682

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.30**	0.82	0.082	**0.069**	0.19	0.019	**J**
179601-23-1	*m,p*-Xylenes	**1.1**	1.6	0.16	**0.26**	0.38	0.038	**J**
75-25-2	Bromoform	0.82	0.82	0.16	0.079	0.079	0.016	**U**
100-42-5	Styrene	**2.8**	0.82	0.082	**0.65**	0.19	0.019	
95-47-6	o-Xylene	**0.38**	0.82	0.082	**0.088**	0.19	0.019	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.82	0.82	0.10	0.12	0.12	0.015	**U**
98-82-8	Cumene	**0.30**	0.82	0.082	**0.061**	0.17	0.017	**J**
103-65-1	n-Propylbenzene	**0.14**	0.82	0.082	**0.029**	0.17	0.017	**J**
108-67-8	1,3,5-Trimethylbenzene	0.82	0.82	0.31	0.17	0.17	0.063	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.52**	0.82	0.39	**0.11**	0.17	0.080	**J**
541-73-1	1,3-Dichlorobenzene	0.82	0.82	0.11	0.14	0.14	0.018	**U**
106-46-7	1,4-Dichlorobenzene	**0.12**	0.82	0.11	**0.019**	0.14	0.019	**J**
135-98-8	sec-Butylbenzene	0.82	0.82	0.11	0.15	0.15	0.021	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.82	0.82	0.20	0.15	0.15	0.036	**U**
95-50-1	1,2-Dichlorobenzene	0.82	0.82	0.20	0.14	0.14	0.033	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.82	0.82	0.16	0.085	0.085	0.017	**U**
120-82-1	1,2,4-Trichlorobenzene	0.82	0.82	0.36	0.11	0.11	0.049	**U**
91-20-3	Naphthalene	0.82	0.82	0.39	0.16	0.16	0.075	**U**
87-68-3	Hexachlorobutadiene	0.82	0.82	0.16	0.077	0.077	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: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-05_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00650

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.8 Pf 1 = 3.5

Can D.F. = 1.67

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**	0.84	0.084	**0.45**	0.17	0.017	
74-87-3	Chloromethane	**0.36**	0.84	0.16	**0.17**	0.40	0.078	**J**
75-01-4	Vinyl Chloride	0.84	0.84	0.20	0.33	0.33	0.078	**U**
74-83-9	Bromomethane	0.84	0.84	0.23	0.22	0.22	0.060	**U**
75-00-3	Chloroethane	**0.15**	0.84	0.11	**0.056**	0.32	0.042	**J**
107-02-8	Acrolein	**6.7**	0.84	0.17	**2.9**	0.36	0.073	
67-64-1	Acetone	**17**	8.4	0.15	**7.3**	3.5	0.063	**B**
75-69-4	Trichlorofluoromethane	**1.2**	0.84	0.13	**0.21**	0.15	0.024	
107-13-1	Acrylonitrile	0.84	0.84	0.084	0.38	0.38	0.038	**U**
75-35-4	1,1-Dichloroethene	0.84	0.84	0.084	0.21	0.21	0.021	**U**
75-09-2	Methylene chloride	**0.31**	0.84	0.11	**0.088**	0.24	0.032	**J, B**
76-13-1	Trichlorotrifluoroethane	**0.55**	0.84	0.17	**0.072**	0.11	0.022	**J**
75-15-0	Carbon Disulfide	**0.66**	0.84	0.084	**0.21**	0.27	0.027	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.84	0.84	0.085	0.21	0.21	0.021	**U**
75-34-3	1,1-Dichloroethane	0.84	0.84	0.084	0.21	0.21	0.021	**U**
1634-04-4	Methyl tert-Butyl Ether	0.84	0.84	0.084	0.23	0.23	0.023	**U**
108-05-4	Vinyl Acetate	**3.5**	1.7	0.42	**1.0**	0.47	0.12	
78-93-3	2-Butanone (MEK)	**4.5**	0.84	0.20	**1.5**	0.28	0.068	
156-59-2	cis-1,2-Dichloroethene	0.84	0.84	0.084	0.21	0.21	0.021	**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: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-05_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00650

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.8 Pf 1 = 3.5

Can D.F. = 1.67

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.84	0.84	0.084	0.17	0.17	0.017	U
107-06-2	1,2-Dichloroethane	0.84	0.84	0.11	0.21	0.21	0.027	U
71-55-6	1,1,1-Trichloroethane	0.84	0.84	0.084	0.15	0.15	0.015	U
71-43-2	Benzene	**0.43**	0.84	0.27	**0.13**	0.26	0.084	J
56-23-5	Carbon Tetrachloride	**0.38**	0.84	0.17	**0.061**	0.13	0.027	J
78-87-5	1,2-Dichloropropane	0.84	0.84	0.095	0.18	0.18	0.021	U
75-27-4	Bromodichloromethane	0.84	0.84	0.14	0.12	0.12	0.020	U
79-01-6	Trichloroethene	0.84	0.84	0.12	0.16	0.16	0.023	U
10061-01-5	cis-1,3-Dichloropropene	0.84	0.84	0.084	0.18	0.18	0.018	U
108-10-1	4-Methyl-2-pentanone	**0.24**	0.84	0.094	**0.060**	0.20	0.023	J
10061-02-6	trans-1,3-Dichloropropene	0.84	0.84	0.11	0.18	0.18	0.025	U
79-00-5	1,1,2-Trichloroethane	0.84	0.84	0.18	0.15	0.15	0.034	U
108-88-3	Toluene	**1.7**	0.84	0.084	**0.46**	0.22	0.022	
591-78-6	2-Hexanone	**0.59**	0.84	0.084	**0.14**	0.20	0.020	J
124-48-1	Dibromochloromethane	0.84	0.84	0.087	0.098	0.098	0.010	U
106-93-4	1,2-Dibromoethane	0.84	0.84	0.097	0.11	0.11	0.013	U
127-18-4	Tetrachloroethene	**0.31**	0.84	0.11	**0.045**	0.12	0.016	J
108-90-7	Chlorobenzene	0.84	0.84	0.084	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.

Verified By: RC Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-05_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00650

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/26/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.8 Pf 1 = 3.5

Can D.F. = 1.67

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	**0.27**	0.84	0.084	**0.063**	0.19	0.019	**J**
179601-23-1	*m,p*-Xylenes	**0.86**	1.7	0.17	**0.20**	0.38	0.038	**J**
75-25-2	Bromoform	0.84	0.84	0.17	0.081	0.081	0.016	**U**
100-42-5	Styrene	0.84	0.84	0.084	0.20	0.20	0.020	**U**
95-47-6	o-Xylene	**0.29**	0.84	0.084	**0.067**	0.19	0.019	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.84	0.84	0.10	0.12	0.12	0.015	**U**
98-82-8	Cumene	**0.21**	0.84	0.084	**0.043**	0.17	0.017	**J**
103-65-1	n-Propylbenzene	**0.15**	0.84	0.084	**0.030**	0.17	0.017	**J**
108-67-8	1,3,5-Trimethylbenzene	0.84	0.84	0.32	0.17	0.17	0.065	**U**
95-63-6	1,2,4-Trimethylbenzene	**0.46**	0.84	0.40	**0.093**	0.17	0.082	**J**
541-73-1	1,3-Dichlorobenzene	0.84	0.84	0.11	0.14	0.14	0.018	**U**
106-46-7	1,4-Dichlorobenzene	**0.62**	0.84	0.12	**0.10**	0.14	0.019	**J**
135-98-8	sec-Butylbenzene	0.84	0.84	0.12	0.15	0.15	0.021	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.84	0.84	0.20	0.15	0.15	0.037	**U**
95-50-1	1,2-Dichlorobenzene	0.84	0.84	0.20	0.14	0.14	0.033	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.84	0.84	0.17	0.086	0.086	0.017	**U**
120-82-1	1,2,4-Trichlorobenzene	0.84	0.84	0.37	0.11	0.11	0.050	**U**
91-20-3	Naphthalene	0.84	0.84	0.40	0.16	0.16	0.076	**U**
87-68-3	Hexachlorobutadiene	0.84	0.84	0.17	0.078	0.078	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: RC Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-06_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01140

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/27/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.2 Pf 1 = 3.5

Can D.F. = 1.58

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)	**2.3**	0.79	0.079	**0.47**	0.16	0.016	
74-87-3	Chloromethane	**0.33**	0.79	0.15	**0.16**	0.38	0.074	**J**
75-01-4	Vinyl Chloride	0.79	0.79	0.19	0.31	0.31	0.074	**U**
74-83-9	Bromomethane	0.79	0.79	0.22	0.20	0.20	0.057	**U**
75-00-3	Chloroethane	**0.18**	0.79	0.10	**0.070**	0.30	0.040	**J**
107-02-8	Acrolein	**1.0**	0.79	0.16	**0.45**	0.34	0.069	
67-64-1	Acetone	**9.5**	7.9	0.14	**4.0**	3.3	0.060	**B**
75-69-4	Trichlorofluoromethane	**1.2**	0.79	0.13	**0.22**	0.14	0.023	
107-13-1	Acrylonitrile	0.79	0.79	0.079	0.36	0.36	0.036	**U**
75-35-4	1,1-Dichloroethene	0.79	0.79	0.079	0.20	0.20	0.020	**U**
75-09-2	Methylene chloride	**0.23**	0.79	0.10	**0.066**	0.23	0.030	**J, B**
76-13-1	Trichlorotrifluoroethane	**0.56**	0.79	0.16	**0.073**	0.10	0.021	**J**
75-15-0	Carbon Disulfide	**0.40**	0.79	0.079	**0.13**	0.25	0.025	**J, B**
156-60-5	trans-1,2-Dichloroethene	0.79	0.79	0.081	0.20	0.20	0.020	**U**
75-34-3	1,1-Dichloroethane	0.79	0.79	0.079	0.20	0.20	0.020	**U**
1634-04-4	Methyl tert-Butyl Ether	0.79	0.79	0.079	0.22	0.22	0.022	**U**
108-05-4	Vinyl Acetate	1.6	1.6	0.40	0.45	0.45	0.11	**U**
78-93-3	2-Butanone (MEK)	**2.3**	0.79	0.19	**0.78**	0.27	0.064	
156-59-2	cis-1,2-Dichloroethene	0.79	0.79	0.079	0.20	0.20	0.020	**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: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-06_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01140

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/27/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.2 Pf 1 = 3.5

Can D.F. = 1.58

CAS #	Compound	**Result µg/m³**	MRL µg/m³	MDL µg/m³	**Result ppbV**	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.79	0.79	0.079	0.16	0.16	0.016	U
107-06-2	1,2-Dichloroethane	0.79	0.79	0.10	0.20	0.20	0.026	U
71-55-6	1,1,1-Trichloroethane	0.79	0.79	0.079	0.14	0.14	0.014	U
71-43-2	Benzene	**0.27**	0.79	0.25	**0.085**	0.25	0.079	J
56-23-5	Carbon Tetrachloride	**0.37**	0.79	0.16	**0.059**	0.13	0.025	J
78-87-5	1,2-Dichloropropane	0.79	0.79	0.090	0.17	0.17	0.019	U
75-27-4	Bromodichloromethane	0.79	0.79	0.13	0.12	0.12	0.019	U
79-01-6	Trichloroethene	0.79	0.79	0.12	0.15	0.15	0.022	U
10061-01-5	cis-1,3-Dichloropropene	0.79	0.79	0.079	0.17	0.17	0.017	U
108-10-1	4-Methyl-2-pentanone	**0.11**	0.79	0.088	**0.027**	0.19	0.022	J
10061-02-6	trans-1,3-Dichloropropene	0.79	0.79	0.11	0.17	0.17	0.024	U
79-00-5	1,1,2-Trichloroethane	0.79	0.79	0.17	0.14	0.14	0.032	U
108-88-3	Toluene	**0.37**	0.79	0.079	**0.099**	0.21	0.021	J
591-78-6	2-Hexanone	**0.46**	0.79	0.079	**0.11**	0.19	0.019	J
124-48-1	Dibromochloromethane	0.79	0.79	0.082	0.093	0.093	0.0096	U
106-93-4	1,2-Dibromoethane	0.79	0.79	0.092	0.10	0.10	0.012	U
127-18-4	Tetrachloroethene	**0.18**	0.79	0.10	**0.027**	0.12	0.015	J
108-90-7	Chlorobenzene	0.79	0.79	0.079	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.

Verified By: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Ambient-06_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01140

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/27/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.2 Pf 1 = 3.5

Can D.F. = 1.58

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
100-41-4	Ethylbenzene	0.79	0.79	0.079	0.18	0.18	0.018	U
179601-23-1	*m,p*-Xylenes	**0.35**	1.6	0.16	**0.080**	0.36	0.036	J
75-25-2	Bromoform	0.79	0.79	0.16	0.076	0.076	0.015	U
100-42-5	Styrene	0.79	0.79	0.079	0.19	0.19	0.019	U
95-47-6	o-Xylene	**0.098**	0.79	0.079	**0.023**	0.18	0.018	J
79-34-5	1,1,2,2-Tetrachloroethane	0.79	0.79	0.096	0.12	0.12	0.014	U
98-82-8	Cumene	0.79	0.79	0.079	0.16	0.16	0.016	U
103-65-1	n-Propylbenzene	0.79	0.79	0.079	0.16	0.16	0.016	U
108-67-8	1,3,5-Trimethylbenzene	0.79	0.79	0.30	0.16	0.16	0.061	U
95-63-6	1,2,4-Trimethylbenzene	0.79	0.79	0.38	0.16	0.16	0.077	U
541-73-1	1,3-Dichlorobenzene	0.79	0.79	0.10	0.13	0.13	0.017	U
106-46-7	1,4-Dichlorobenzene	0.79	0.79	0.11	0.13	0.13	0.018	U
135-98-8	sec-Butylbenzene	0.79	0.79	0.11	0.14	0.14	0.020	U
99-87-6	4-Isopropyltoluene (p-Cymene)	0.79	0.79	0.19	0.14	0.14	0.035	U
95-50-1	1,2-Dichlorobenzene	0.79	0.79	0.19	0.13	0.13	0.032	U
96-12-8	1,2-Dibromo-3-chloropropane	0.79	0.79	0.16	0.082	0.082	0.016	U
120-82-1	1,2,4-Trichlorobenzene	0.79	0.79	0.35	0.11	0.11	0.047	U
91-20-3	Naphthalene	0.79	0.79	0.38	0.15	0.15	0.072	U
87-68-3	Hexachlorobutadiene	0.79	0.79	0.16	0.074	0.074	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: Ke Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D01_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00311

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/27/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.1 Pf 1 = 3.5

Can D.F. = 1.72

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**	0.86	0.086	**0.49**	0.17	0.017	
74-87-3	Chloromethane	**0.28**	0.86	0.17	**0.13**	0.42	0.081	**J**
75-01-4	Vinyl Chloride	0.86	0.86	0.21	0.34	0.34	0.081	**U**
74-83-9	Bromomethane	0.86	0.86	0.24	0.22	0.22	0.062	**U**
75-00-3	Chloroethane	0.86	0.86	0.11	0.33	0.33	0.043	**U**
107-02-8	Acrolein	**3.8**	0.86	0.17	**1.6**	0.38	0.075	
67-64-1	Acetone	**19**	8.6	0.15	**7.9**	3.6	0.065	**B**
75-69-4	Trichlorofluoromethane	**1.3**	0.86	0.14	**0.22**	0.15	0.024	
107-13-1	Acrylonitrile	0.86	0.86	0.086	0.40	0.40	0.040	**U**
75-35-4	1,1-Dichloroethene	0.86	0.86	0.086	0.22	0.22	0.022	**U**
75-09-2	Methylene chloride	**0.26**	0.86	0.11	**0.074**	0.25	0.033	**J, B**
76-13-1	Trichlorotrifluoroethane	**0.72**	0.86	0.17	**0.094**	0.11	0.022	**J**
75-15-0	Carbon Disulfide	**1.4**	0.86	0.086	**0.44**	0.28	0.028	**B**
156-60-5	trans-1,2-Dichloroethene	0.86	0.86	0.088	0.22	0.22	0.022	**U**
75-34-3	1,1-Dichloroethane	0.86	0.86	0.086	0.21	0.21	0.021	**U**
1634-04-4	Methyl tert-Butyl Ether	0.86	0.86	0.086	0.24	0.24	0.024	**U**
108-05-4	Vinyl Acetate	**6.7**	1.7	0.43	**1.9**	0.49	0.12	**M**
78-93-3	2-Butanone (MEK)	**4.9**	0.86	0.21	**1.7**	0.29	0.070	
156-59-2	cis-1,2-Dichloroethene	0.86	0.86	0.086	0.22	0.22	0.022	**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.
M = Matrix interference; results may be biased high.

Verified By: RC Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D01_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00311

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/27/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.1 Pf 1 = 3.5

Can D.F. = 1.72

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.86	0.86	0.086	0.18	0.18	0.018	U
107-06-2	1,2-Dichloroethane	0.86	0.86	0.11	0.21	0.21	0.028	U
71-55-6	1,1,1-Trichloroethane	0.86	0.86	0.086	0.16	0.16	0.016	U
71-43-2	Benzene	0.86	0.86	0.28	0.27	0.27	0.086	U
56-23-5	Carbon Tetrachloride	**0.34**	0.86	0.17	**0.054**	0.14	0.027	J
78-87-5	1,2-Dichloropropane	0.86	0.86	0.098	0.19	0.19	0.021	U
75-27-4	Bromodichloromethane	0.86	0.86	0.14	0.13	0.13	0.021	U
79-01-6	Trichloroethene	0.86	0.86	0.13	0.16	0.16	0.024	U
10061-01-5	cis-1,3-Dichloropropene	0.86	0.86	0.086	0.19	0.19	0.019	U
108-10-1	4-Methyl-2-pentanone	**0.83**	0.86	0.096	**0.20**	0.21	0.024	J
10061-02-6	trans-1,3-Dichloropropene	0.86	0.86	0.12	0.19	0.19	0.026	U
79-00-5	1,1,2-Trichloroethane	0.86	0.86	0.19	0.16	0.16	0.035	U
108-88-3	Toluene	**0.79**	0.86	0.086	**0.21**	0.23	0.023	J
591-78-6	2-Hexanone	**0.56**	0.86	0.086	**0.14**	0.21	0.021	J
124-48-1	Dibromochloromethane	0.86	0.86	0.089	0.10	0.10	0.011	U
106-93-4	1,2-Dibromoethane	0.86	0.86	0.10	0.11	0.11	0.013	U
127-18-4	Tetrachloroethene	**0.23**	0.86	0.11	**0.034**	0.13	0.016	J
108-90-7	Chlorobenzene	**0.095**	0.86	0.086	**0.021**	0.19	0.019	J

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: Re. Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D01_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00311

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/27/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.1 Pf 1 = 3.5

Can D.F. = 1.72

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**	0.86	0.086	**0.028**	0.20	0.020	**J**
179601-23-1	*m,p*-Xylenes	**0.39**	1.7	0.17	**0.089**	0.40	0.040	**J**
75-25-2	Bromoform	0.86	0.86	0.17	0.083	0.083	0.017	**U**
100-42-5	Styrene	**0.11**	0.86	0.086	**0.027**	0.20	0.020	**J**
95-47-6	o-Xylene	**0.15**	0.86	0.086	**0.036**	0.20	0.020	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.86	0.86	0.10	0.13	0.13	0.015	**U**
98-82-8	Cumene	**0.17**	0.86	0.086	**0.035**	0.18	0.018	**J**
103-65-1	n-Propylbenzene	0.86	0.86	0.086	0.18	0.18	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.86	0.86	0.33	0.18	0.18	0.067	**U**
95-63-6	1,2,4-Trimethylbenzene	0.86	0.86	0.41	0.18	0.18	0.084	**U**
541-73-1	1,3-Dichlorobenzene	0.86	0.86	0.11	0.14	0.14	0.019	**U**
106-46-7	1,4-Dichlorobenzene	0.86	0.86	0.12	0.14	0.14	0.020	**U**
135-98-8	sec-Butylbenzene	0.86	0.86	0.12	0.16	0.16	0.022	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.86	0.86	0.21	0.16	0.16	0.038	**U**
95-50-1	1,2-Dichlorobenzene	0.86	0.86	0.21	0.14	0.14	0.034	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.86	0.86	0.17	0.089	0.089	0.018	**U**
120-82-1	1,2,4-Trichlorobenzene	0.86	0.86	0.38	0.12	0.12	0.051	**U**
91-20-3	Naphthalene	0.86	0.86	0.41	0.16	0.16	0.079	**U**
87-68-3	Hexachlorobutadiene	0.86	0.86	0.17	0.081	0.081	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: RC Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D01_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-008DUP

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00311

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/27/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.1 Pf 1 = 3.5

Can D.F. = 1.72

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**	0.86	0.086	**0.48**	0.17	0.017	
74-87-3	Chloromethane	**0.24**	0.86	0.17	**0.11**	0.42	0.081	**J**
75-01-4	Vinyl Chloride	0.86	0.86	0.21	0.34	0.34	0.081	**U**
74-83-9	Bromomethane	0.86	0.86	0.24	0.22	0.22	0.062	**U**
75-00-3	Chloroethane	0.86	0.86	0.11	0.33	0.33	0.043	**U**
107-02-8	Acrolein	**3.7**	0.86	0.17	**1.6**	0.38	0.075	
67-64-1	Acetone	**18**	8.6	0.15	**7.6**	3.6	0.065	**B**
75-69-4	Trichlorofluoromethane	**1.2**	0.86	0.14	**0.22**	0.15	0.024	
107-13-1	Acrylonitrile	0.86	0.86	0.086	0.40	0.40	0.040	**U**
75-35-4	1,1-Dichloroethene	0.86	0.86	0.086	0.22	0.22	0.022	**U**
75-09-2	Methylene chloride	**0.24**	0.86	0.11	**0.070**	0.25	0.033	**J, B**
76-13-1	Trichlorotrifluoroethane	**0.76**	0.86	0.17	**0.099**	0.11	0.022	**J**
75-15-0	Carbon Disulfide	**1.4**	0.86	0.086	**0.44**	0.28	0.028	**B**
156-60-5	trans-1,2-Dichloroethene	0.86	0.86	0.088	0.22	0.22	0.022	**U**
75-34-3	1,1-Dichloroethane	0.86	0.86	0.086	0.21	0.21	0.021	**U**
1634-04-4	Methyl tert-Butyl Ether	0.86	0.86	0.086	0.24	0.24	0.024	**U**
108-05-4	Vinyl Acetate	**6.1**	1.7	0.43	**1.7**	0.49	0.12	**M**
78-93-3	2-Butanone (MEK)	**4.7**	0.86	0.21	**1.6**	0.29	0.070	
156-59-2	cis-1,2-Dichloroethene	0.86	0.86	0.086	0.22	0.22	0.022	**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.
M = Matrix interference; results may be biased high.

Verified By: RG Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D01_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-008DUP

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00311

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/27/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.1 Pf 1 = 3.5

Can D.F. = 1.72

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
67-66-3	Chloroform	0.86	0.86	0.086	0.18	0.18	0.018	U
107-06-2	1,2-Dichloroethane	0.86	0.86	0.11	0.21	0.21	0.028	U
71-55-6	1,1,1-Trichloroethane	0.86	0.86	0.086	0.16	0.16	0.016	U
71-43-2	Benzene	0.86	0.86	0.28	0.27	0.27	0.086	U
56-23-5	Carbon Tetrachloride	**0.32**	0.86	0.17	**0.050**	0.14	0.027	J
78-87-5	1,2-Dichloropropane	0.86	0.86	0.098	0.19	0.19	0.021	U
75-27-4	Bromodichloromethane	0.86	0.86	0.14	0.13	0.13	0.021	U
79-01-6	Trichloroethene	0.86	0.86	0.13	0.16	0.16	0.024	U
10061-01-5	cis-1,3-Dichloropropene	0.86	0.86	0.086	0.19	0.19	0.019	U
108-10-1	4-Methyl-2-pentanone	**0.76**	0.86	0.096	**0.18**	0.21	0.024	J
10061-02-6	trans-1,3-Dichloropropene	0.86	0.86	0.12	0.19	0.19	0.026	U
79-00-5	1,1,2-Trichloroethane	0.86	0.86	0.19	0.16	0.16	0.035	U
108-88-3	Toluene	**0.80**	0.86	0.086	**0.21**	0.23	0.023	J
591-78-6	2-Hexanone	**0.56**	0.86	0.086	**0.14**	0.21	0.021	J
124-48-1	Dibromochloromethane	0.86	0.86	0.089	0.10	0.10	0.011	U
106-93-4	1,2-Dibromoethane	0.86	0.86	0.10	0.11	0.11	0.013	U
127-18-4	Tetrachloroethene	**0.24**	0.86	0.11	**0.035**	0.13	0.016	J
108-90-7	Chlorobenzene	**0.10**	0.86	0.086	**0.022**	0.19	0.019	J

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: RG Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Vault-D01_061807**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P2701809-008DUP

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00311

Date Collected: 6/18/07
Date Received: 6/20/07
Date(s) Analyzed: 6/27/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.1 3.5

Can D.F. = 1.72

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**	0.86	0.086	**0.025**	0.20	0.020	**J**
179601-23-1	*m,p*-Xylenes	**0.38**	1.7	0.17	**0.088**	0.40	0.040	**J**
75-25-2	Bromoform	0.86	0.86	0.17	0.083	0.083	0.017	**U**
100-42-5	Styrene	**0.11**	0.86	0.086	**0.025**	0.20	0.020	**J**
95-47-6	o-Xylene	**0.15**	0.86	0.086	**0.036**	0.20	0.020	**J**
79-34-5	1,1,2,2-Tetrachloroethane	0.86	0.86	0.10	0.13	0.13	0.015	**U**
98-82-8	Cumene	**0.18**	0.86	0.086	**0.036**	0.18	0.018	**J**
103-65-1	n-Propylbenzene	0.86	0.86	0.086	0.18	0.18	0.018	**U**
108-67-8	1,3,5-Trimethylbenzene	0.86	0.86	0.33	0.18	0.18	0.067	**U**
95-63-6	1,2,4-Trimethylbenzene	0.86	0.86	0.41	0.18	0.18	0.084	**U**
541-73-1	1,3-Dichlorobenzene	0.86	0.86	0.11	0.14	0.14	0.019	**U**
106-46-7	1,4-Dichlorobenzene	0.86	0.86	0.12	0.14	0.14	0.020	**U**
135-98-8	sec-Butylbenzene	0.86	0.86	0.12	0.16	0.16	0.022	**U**
99-87-6	4-Isopropyltoluene (p-Cymene)	0.86	0.86	0.21	0.16	0.16	0.038	**U**
95-50-1	1,2-Dichlorobenzene	0.86	0.86	0.21	0.14	0.14	0.034	**U**
96-12-8	1,2-Dibromo-3-chloropropane	0.86	0.86	0.17	0.089	0.089	0.018	**U**
120-82-1	1,2,4-Trichlorobenzene	0.86	0.86	0.38	0.12	0.12	0.051	**U**
91-20-3	Naphthalene	0.86	0.86	0.41	0.16	0.16	0.079	**U**
87-68-3	Hexachlorobutadiene	0.86	0.86	0.17	0.081	0.081	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: Ru Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P070626-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 6/26/07
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	0.010	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	0.036	U
75-00-3	Chloroethane	0.50	0.50	0.066	0.19	0.19	0.025	U
107-02-8	Acrolein	0.50	0.50	0.10	0.22	0.22	0.044	U
67-64-1	Acetone	**0.11**	5.0	0.090	**0.045**	2.1	0.038	J
75-69-4	Trichlorofluoromethane	0.50	0.50	0.080	0.089	0.089	0.014	U
107-13-1	Acrylonitrile	0.50	0.50	0.050	0.23	0.23	0.023	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	**0.077**	0.50	0.066	**0.022**	0.14	0.019	J
76-13-1	Trichlorotrifluoroethane	0.50	0.50	0.10	0.065	0.065	0.013	U
75-15-0	Carbon Disulfide	**0.29**	0.50	0.050	**0.093**	0.16	0.016	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	0.012	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	0.071	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: RC Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P070626-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 6/26/07
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	0.010	U
107-06-2	1,2-Dichloroethane	0.50	0.50	0.066	0.12	0.12	0.016	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	0.050	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	0.012	U
75-27-4	Bromodichloromethane	0.50	0.50	0.081	0.075	0.075	0.012	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	0.011	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	0.020	U
108-88-3	Toluene	0.50	0.50	0.050	0.13	0.13	0.013	U
591-78-6	2-Hexanone	0.50	0.50	0.050	0.12	0.12	0.012	U
124-48-1	Dibromochloromethane	0.50	0.50	0.052	0.059	0.059	0.0061	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: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Method Blank**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P070626-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 6/26/07
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	0.023	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	0.010	U
103-65-1	n-Propylbenzene	0.50	0.50	0.050	0.10	0.10	0.010	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	0.010	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: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809

Surrogate Spike Recovery Results

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister(s)
Test Notes:

Date Collected: 6/18/07
Date Received: 6/20/07
Date Analyzed: 6/26 - 6/27/07

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	P070626-MB	**92**	70-130	**101**	70-130	**109**	70-130	
Lab Control Sample	P070626-LCS	**96**	70-130	**100**	70-130	**108**	70-130	
ELE-VLT-06-CL_061807	P2701809-001	**90**	70-130	**101**	70-130	**109**	70-130	
ELE-VLT-11-CL_061807	P2701809-002	**92**	70-130	**100**	70-130	**107**	70-130	
ELE-VLT-12-CL_061807	P2701809-003	**89**	70-130	**100**	70-130	**108**	70-130	
ELE-VLT-17-CL_061807	P2701809-004	**89**	70-130	**102**	70-130	**109**	70-130	
HH-FN4-5-CL_061807	P2701809-005	**88**	70-130	**101**	70-130	**109**	70-130	
Ambient-05_061807	P2701809-006	**90**	70-130	**101**	70-130	**110**	70-130	
Ambient-06_061807	P2701809-007	**90**	70-130	**100**	70-130	**109**	70-130	
Vault-D01_061807	P2701809-008	**91**	70-130	**100**	70-130	**109**	70-130	
Vault-D01_061807	P2701809-008DUP	**91**	70-130	**100**	70-130	**108**	70-130	

Verified By: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P070626-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 6/26/07
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	27.5	**108**	70-130	
74-87-3	Chloromethane	24.3	25.8	**106**	70-130	
75-01-4	Vinyl Chloride	24.8	29.8	**120**	70-130	
74-83-9	Bromomethane	25.0	27.7	**111**	70-130	
75-00-3	Chloroethane	25.0	29.5	**118**	70-130	
107-02-8	Acrolein	23.3	29.5	**127**	70-130	
67-64-1	Acetone	26.5	21.3	**80**	70-130	
75-69-4	Trichlorofluoromethane	24.3	27.3	**112**	70-130	
107-13-1	Acrylonitrile	25.5	31.1	**122**	70-130	
75-35-4	1,1-Dichloroethene	27.3	29.5	**108**	70-130	
75-09-2	Methylene chloride	26.8	26.8	**100**	70-130	
76-13-1	Trichlorotrifluoroethane	27.0	30.0	**111**	70-130	
75-15-0	Carbon Disulfide	25.0	24.3	**97**	70-130	
156-60-5	trans-1,2-Dichloroethene	26.3	28.6	**109**	70-130	
75-34-3	1,1-Dichloroethane	26.3	27.8	**106**	70-130	
1634-04-4	Methyl tert-Butyl Ether	26.3	27.6	**105**	70-130	
108-05-4	Vinyl Acetate	24.3	21.8	**90**	70-130	
78-93-3	2-Butanone (MEK)	26.8	24.7	**92**	70-130	
156-59-2	cis-1,2-Dichloroethene	26.5	29.1	**110**	70-130	

Verified By: RG Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P070626-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 6/26/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	Acceptance Limits	Data Qualifier
67-66-3	Chloroform	30.0	31.2	**104**	70-130	
107-06-2	1,2-Dichloroethane	26.0	28.0	**108**	70-130	
71-55-6	1,1,1-Trichloroethane	26.3	29.6	**113**	70-130	
71-43-2	Benzene	26.3	27.9	**106**	70-130	
56-23-5	Carbon Tetrachloride	25.8	30.2	**117**	70-130	
78-87-5	1,2-Dichloropropane	26.0	29.8	**115**	70-130	
75-27-4	Bromodichloromethane	27.5	30.7	**112**	70-130	
79-01-6	Trichloroethene	27.3	31.2	**114**	70-130	
10061-01-5	cis-1,3-Dichloropropene	26.0	27.0	**104**	70-130	
108-10-1	4-Methyl-2-pentanone	26.5	29.6	**112**	70-130	
10061-02-6	trans-1,3-Dichloropropene	27.8	30.6	**110**	70-130	
79-00-5	1,1,2-Trichloroethane	25.8	29.2	**113**	70-130	
108-88-3	Toluene	26.0	28.4	**109**	70-130	
591-78-6	2-Hexanone	26.0	25.0	**96**	70-130	
124-48-1	Dibromochloromethane	26.5	31.3	**118**	70-130	
106-93-4	1,2-Dibromoethane	26.0	29.4	**113**	70-130	
127-18-4	Tetrachloroethene	25.8	30.1	**117**	70-130	
108-90-7	Chlorobenzene	26.0	29.2	**112**	70-130	

Verified By: RG Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809
CAS Sample ID: P070626-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 6/26/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	Acceptance Limits	Data Qualifier
100-41-4	Ethylbenzene	25.8	28.8	**112**	70-130	
179601-23-1	m,p-Xylenes	61.5	69.7	**113**	70-130	
75-25-2	Bromoform	31.3	37.9	**121**	70-130	
100-42-5	Styrene	25.8	29.4	**114**	70-130	
95-47-6	o-Xylene	29.0	32.7	**113**	70-130	
79-34-5	1,1,2,2-Tetrachloroethane	29.3	32.9	**112**	70-130	
98-82-8	Cumene	26.0	29.5	**113**	70-130	
103-65-1	n-Propylbenzene	25.0	28.8	**115**	70-130	
108-67-8	1,3,5-Trimethylbenzene	25.5	28.8	**113**	70-130	
95-63-6	1,2,4-Trimethylbenzene	26.0	29.5	**113**	70-130	
541-73-1	1,3-Dichlorobenzene	25.3	29.5	**117**	70-130	
106-46-7	1,4-Dichlorobenzene	26.0	30.6	**118**	70-130	
135-98-8	sec-Butylbenzene	25.5	29.3	**115**	70-130	
99-87-6	4-Isopropyltoluene (p-Cymene)	28.0	32.3	**115**	70-130	
95-50-1	1,2-Dichlorobenzene	25.5	29.9	**117**	70-130	
96-12-8	1,2-Dibromo-3-chloropropane	24.8	32.1	**129**	70-130	
120-82-1	1,2,4-Trichlorobenzene	26.8	32.7	**122**	70-130	
91-20-3	Naphthalene	26.0	31.9	**123**	70-130	
87-68-3	Hexachlorobutadiene	26.5	31.8	**120**	70-130	

Verified By: Rc Date: 6/28/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **CH2M Hill**
Client Project ID: **Sky Harbor**

CAS Project ID: P2701809

Method Blank Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:

Lab File ID: 06260702.D
Date Analyzed: 6/26/07
Time Analyzed: 09:57

Client Sample ID	CAS Sample ID	Lab File ID	Time Analyzed
Lab Control Sample	P070626-LCS	06260704.D	11:45
ELE-VLT-06-CL_061807	P2701809-001	06260716.D	20:32
ELE-VLT-11-CL_061807	P2701809-002	06260717.D	21:12
ELE-VLT-12-CL_061807	P2701809-003	06260718.D	21:53
ELE-VLT-17-CL_061807	P2701809-004	06260719.D	22:34
HH-FN4-5-CL_061807	P2701809-005	06260720.D	23:15
Ambient-05_061807	P2701809-006	06260721.D	23:56
Ambient-06_061807	P2701809-007	06260722.D	00:37
Vault-D01_061807	P2701809-008	06260723.D	01:17
Vault-D01_061807	P2701809-008DUP	06260724.D	01:58

Verified by: Rc Date: 6/28/07

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: CH2M Hill Work order: P2701809

Project: Sky Harbor

Sample(s) received on: 6/20/07 Date opened: 6/20/07 by: LK

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
P2701809-001			NA	
P2701809-002			NA	
P2701809-003			NA	
P2701809-004			NA	
P2701809-005			NA	
P2701809-006			NA	
P2701809-007			NA	
P2701809-008			NA	

Explain any discrepancies: (include lab sample ID numbers):

P2701809

CAS Simi Valley
2665 Park Center Drive
Simi Valley, CA 93065
805-526-7161

Honeywell — Chain Of Custody / Analysis Request

AESI Ref:	39247.56307
COC#	37380_070618
Lab Proj # (SDG):	
Lab ID	CAS-SIMI
Site ID	SKYHARBOR
Lab Job #	
Authorized User:	Honeywell
Text & Excel File Drive	Excel & Text File Order

Privileged & Confidential

Site Name: Sky Harbor — Phase:
Location of Site: Phoenix, AZ — Sampling Program: Airport Utility Vault

Sampling Co.: CH2MHILL
EDD To: Jennifer Holland, jennifer.holland@ch2m.com
Sampler: L. Peterson & R. Randall
PO #: 2959482
Analysis Turnaround Time (TAT): 28
Consultant
Full Report TAT: 28

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: Honeywell/ copy to Jennifer Holland

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	Sample Identification				Sample Date	Sample Time	Sample Type	Sample Matrix	Sample Purpose	# of Cont.	Composite/Grab	Field Filtered Sample ?	TO-15 / TO-15SIM	Canister Serial Number	Sampling Method (code)	Lab Sample Numbers
	Location ID	Start Depth (ft)	End Depth (ft)	Field Sample ID							Units					
1	ELE-VLT-06			ELE-VLT-06-CL_061807	6/18/2007	1319	AIR	AIR	REG	1	comp	N	X	003784		
2	ELE-VLT-11			ELE-VLT-11-CL_061807	6/18/2007	1501	AIR	AIR	REG	1	comp	N	X	01149		
3	ELE-VLT-12			ELE-VLT-12-CL_061807	6/18/2007	1416	AIR	AIR	REG	1	comp	N	X	002705		
4	ELE-VLT-17			ELE-VLT-17-CL_061807	6/18/2007	1557	AIR	AIR	REG	1	comp	N	X	02008		
5	HH-FN4-5			HH-FN4-5-CL_061807	6/18/2007	1653	AIR	AIR	REG	1	comp	N	X	02231		
6	Ambient-05			Ambient-05_061807	6/18/2007	1138	AIR	AIR	REG	1	comp	N	X	02195		
7	Ambient-06			Ambient-06_061807	6/18/2007	1655	AIR	AIR	REG	1	comp	N	X	002932		
8				Vault-D01_061807	6/18/2007	0800	AIR	AIR	REG	1	comp	N	X	01455		
9																
10																
11																
12																

Relinquished by: Sam Peterson	Company: CH2M Hill	Received by: FEDEX	Company:	Condition:		Custody Seals Intact:	
	Date/Time: 6/19/07 1400		Date/Time:	Cooler Temp.:			
Relinquished by: FEDEX	Company:	Received by: [signature]	Company: CAS	Condition:	OK	Custody Seals Intact:	
	Date/Time:		Date/Time: 6/20/07 0910	Cooler Temp.:	NA		

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)

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