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DRAFT Remedial Investigation Report

Silvercroft Wash Release Site,
Tucson, Arizona

Site Code: 506251-00

October 2, 2015

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Kinder Morgan, Inc.

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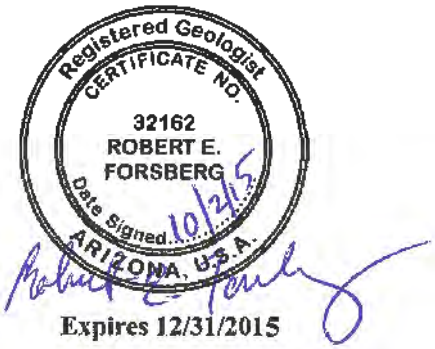
CERTIFICATION

All hydrogeologic and geologic information, conclusions, and recommendations in this document have been prepared under the supervision of and reviewed by an ARCADIS Arizona Registered Geologist.



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ACRONYMS

A.A.C	Arizona Administrative Code
ac-ft	acre-feet
ADEQ	Arizona Department of Environmental Quality
ADHS	Arizona Department of Health Services
ADWR	Arizona Department of Water Resources
AMA	Active Management Area
amsl	above mean sea level
APCD	Air Pollution Control Device
APRWP	Addendum to Proposed Remediation Work Plan
ARSSVS	Analytical Results for Shallow-Soil Vapor Sampling and Results of a Human Health Risk Screening Evaluation
ATC	ATC Associates Inc.
AWQS	Aquifer Water Quality Standards
bgs	below ground surface
BTEX	Benzene, Toluene, Ethylbenzene, Total Xylenes
°C	degrees Centigrade
Canister	Summa™ Canister
CD	compact disc
cis-1,2-DCE	cis-1,2-dichloroethene
cm	centimeters
COC	contaminant of concern
COO	Certificate of Occupancy
COT	City of Tucson
COT-ES	City of Tucson – Environmental Services
CTI	Chemical Transportation Incorporated
CUPRWP	Consolidated and Updated Proposed Remediation Work Plan
CVOC	chlorinated volatile organic compound
DO	dissolved oxygen
DRE	destruction and removal efficiency

FD	Fire Department
feet/day	feet per day
FS	Feasibility Study
FSP	Field Sampling Plan
ft/ft	feet per foot
GPLs	Groundwater Protection Levels
gpm	gallons per minute
GSI	Geomechanics Southwest Inc.
HASP	Health and Safety Plan
HCl	hydrochloric acid
HHRA	Human Health Risk Assessment
HNO_3	nitric acid
KM	Kinder Morgan, Inc.
LSCM	LUST Site Characterization Manual
LUST	Leaking Underground Storage Tank
MCL	Maximum Contaminant Level
mg/kg	milligrams per kilogram
ml	milliliters
ml/min	milliliters per minute
MNA	monitored natural attenuation
MRL	Method Reporting Limit
MTBE	Methyl tertiary-butyl ether
MVS	Mining Visualization System
ND	non-detect
NFA	Request for No Further Action Determination for Soil from the Surface to Groundwater for the NFA Area
ORP	oxidation-reduction potential
PAH	polycyclic aromatic hydrocarbon
PCDEQ	Pima County Department of Environmental Quality
PCDTFC	Pima County Department of Transportation and Flood Control
PCE	tetrachloroethylene

PID	photoionization detector
PLC	programmable logic controller
ppbv	parts per billion by volume
ppm	parts per million
PRWP	Proposed Remediation Work Plan
PSH	phase-separated hydrocarbon
PVC	polyvinyl chloride
QAPP	Quality Assurance Project Plan
QA/QC	quality assurance/quality control
RAP	Remedial Action Plan
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
RRWWTP	Roger Road Wastewater Treatment Plant
SAP	Sampling and Analysis Plan
SARP	Site Assessment and Remediation Plan
scfm	standard cubic feet per minute
SCR	Site Characterization Report
SFPP	Santa Fe Pacific Pipeline, L.P.
SO_4	sulfate
SRF	Sweetwater Recharge Facility
SRL	Soil Remediation Level
SVE	soil vapor extraction
SVEPT	Soil Vapor Extraction Pilot Test
SVETS	Soil Vapor Extraction Treatment System
SVEU	Soil Vapor Extraction Unit
SVM	soil vapor monitoring
TAME	tert-amyl methyl ether
TBA	tert-butyl alcohol
TCE	trichloroethene
TDS	total dissolved solids
TPH	total petroleum hydrocarbon

TRC	Tracer Research Corporation
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VOA	volatile organic analysis
VOC	volatile organic compound
VRP	Voluntary Remediation Program
WQARF	Water Quality Assurance Revolving Fund
µg/kg	micrograms per kilogram
µg/L	micrograms per liter

1.0 INTRODUCTION

Arcadis Inc. (Arcadis), on behalf of Santa Fe Pacific Pipeline, L.P. (SFPP), an operating partnership of Kinder Morgan, Inc. (KM), is pleased to submit this Remedial Investigation (RI) report for the SFPP Silvercroft Wash Release Site ("the Site") in Tucson, Arizona. The location of the Site is shown on Figure 1. The Site is located adjacent, south, of the City of Tucson (COT) Silverbell Landfill Water Quality Assurance Revolving Fund (WQARF) Site in Tucson, Arizona (Figure 2). The Silverbell Landfill WQARF Site (Landfill) was placed on the WQARF Registry in 1999 and has been identified as a source of groundwater contamination by volatile organic compounds (VOCs), primarily tetrachloroethene (PCE) and trichloroethene (TCE). The Silvercroft Wash Release Site has been operating under the Arizona Department of Environmental Quality (ADEQ) Voluntary Remediation Program (VRP) and has been identified as a benzene, toluene, ethylbenzene, total xylenes (BTEX), and methyl tertiary-butyl ether (MTBE) contaminant source in groundwater, resultant from a fuel pipeline release.

An original draft RI document was prepared in response to a letter from Mr. Thomas DiDomizio of ADEQ to Mr. Paul Salcido of SFPP dated February 23, 2011 (Appendix A). Following submittal of the original draft RI to ADEQ on May 7, 2012, ADEQ provided comments in a letter dated May 21, 2013. ARCADIS submitted a revised draft RI report dated February 6, 2015.

In the interim period since the submittal of the February 6, 2015 RI, ARCADIS was notified of updates to the groundwater model by Clear Creek using revised groundwater extraction well locations, and evaluation of TBA concentrations in addition to MTBE (Clear Creek, 2012). In addition, Arcadis received a technical memorandum of recommended conceptual design modifications to the Silverbell Landfill WQARF site pump and treat system (SCS Engineers, 2012). These documents and the current state of COT plans were discussed at a meeting held at ADEQ on June 6, 2015. Representatives from COT ENV, COT Water, ADEQ, KM, and Arcadis attended the meeting. This draft RI report has been prepared to address these developments and to meet SFPP's requirements to follow WQARF Remedy Selection Rule process for the establishment of a final remedy for the Site.

1.1 Purpose and Objectives

The investigative activities summarized in this RI report were performed to delineate free product and dissolved-phase BTEX concentrations present at concentrations higher than the Arizona Water Quality Standards (AWQS) in groundwater, delineate

the extent of petroleum-impacted soil in the vadose zone below the Site, and establish the appropriate steps to mitigate any identified impacted areas. Additionally, the RI provides information to assess the risks to human health and the environment.

Contaminants of concern (COCs) for the Silvercroft fuel pipeline release area related to petroleum products include the following:

- Benzene
- Toluene
- Ethylbenzene
- Total Xylenes
- MTBE
- Total petroleum hydrocarbons (TPHs)

While tert-butyl alcohol (TBA) and tert-amyl methyl ether (TAME) are being monitored in groundwater at the site, they are not considered COCs. Neither TBA or TAME have AWQSs or established Arizona guidance levels assigned to them. Monitoring of TBA is helpful in the evaluation of MTBE degradation in groundwater, and the TBA data is used for this purpose. This report does however discuss the fate and transport of TBA and TAME with regard to the potential risk these constituents may pose to the COT's proposed Silverbell Landfill remediation system.

In accordance with the VRP, Site documents, including 1) a Work Plan to Assess Effectiveness of Evacuation of Excavation Following Demolition of 5 houses, dated September 10, 2003 (LFR 2003e); 2) a Quality Assurance Project Plan (QAPP), dated October 28, 2003 (LFR 2003o); 3) a Work Plan to Advance 3 Borings, dated November 18, 2003 (LFR 2003g); 4) a Site Assessment and Remediation Plan (SARP), dated October 28, 2003 (LFR 2003n); 5) a Request for No Further Action Determination for Soil from the Surface to Groundwater for the NFA Area (NFA), dated January 19, 2004 (LFR 2004e); 6) Proposed Remediation Work Plan (LFR 2004f); 7) Site Characterization Report (SCR), dated April 4, 2004 (LFR 2004w); and 8) a FINAL Consolidated and Updated Proposed Remediation Work Plan (CUPRWP), dated January 6, 2005 (LFR 2005a), were prepared for the Site prior to and/or during RI field work activities. Each of these scoping documents has been previously approved by ADEQ.

The SARP provided the objectives, rationale, and procedures to be followed while investigating the Site, which combines the elements of the Site Characterization Work Plan, Field Sampling Plan (FSP), and a Remediation Plan. A Sampling and Analysis Plan (SAP) is also included as Appendix B to the SARP. A Site-Specific Health and Safety Plan (HASP), which provided health and safety guidance for Site-related activities, was also prepared.

Although the Site is not an underground storage tank (UST) site, the substances released were petroleum hydrocarbons. Accordingly, the SARP incorporates material elements of ADEQ's Underground Storage Tank Division's Leaking Underground Storage Tank (LUST) Site Characterization Manual (LSCM; ADEQ 1999). The LSCM was developed by ADEQ to provide a clear and uniform direction to the site characterization process and to clarify requirements set forth in law and regulation for released petroleum hydrocarbons.

To investigate and delineate potentially impacted areas, the objectives pursuant to this RI included the following:

- Evaluate soil conditions beneath the Site to determine the extent of impacted soil and confirm the early response actions to remove shallow soil at the Site impacted by the release.
- Evaluate groundwater conditions beneath the Site to determine the extent of groundwater contamination and free product due to the fuel pipeline release.
- Provide data necessary to conduct a Human Health Risk Assessment to evaluate the potential current and future risks and hazards to human health and the environment associated with COCs, if detected in soil, soil gas, and groundwater.

1.2 Site History

On July 30, 2003, at approximately 1:00 p.m., a rupture occurred in a portion of the SFPP pipeline that was transporting gasoline between Tucson and Phoenix, Arizona. This rupture was detected by a series of pressure monitoring sensors within the pipeline system. By 1:11 p.m., the pumps at the SFPP Tucson Terminal were shut down. Evidence identifying the source of petroleum hydrocarbons included: SFPP's operational data, metallurgy analysis of the affected portion of the pipeline, soil sample analyses, analyses of phase-separated hydrocarbons (PSH or free product) samples from groundwater wells, and groundwater sample analyses. All of these data indicate that the source of petroleum hydrocarbons was the July 30, 2003 rupture of the SFPP

pipeline at the Site. There was no evidence of leakage prior to the July 30, 2003 rupture.

2.0 BACKGROUND

The Site background information includes a description of the physical setting, geologic and hydrogeologic conditions, and summary of emergency and early responses conducted at the Site. The physical setting includes a description of the geographical location and surrounding property use, as well as site-specific information. Geologic and hydrogeologic conditions include a description of regional and local geology, as well as hydrogeological information.

2.1 Physical Setting

The Site is located west of the I-10 Freeway, north of Grant Road, along Silvercroft Wash, in the City of Tucson, Pima County, Arizona. The Site lies in the NW $^1/_4$ of the SW $^1/_4$ of the NW $^1/_4$ of Section 34, Township 13 South, Range 13 East, as shown on the Jaynes, Arizona 7.5 Minute United States Geological Survey Topographic Quadrangle (Figure 1). The Site lies at an elevation of approximately 2,290 feet above mean sea level (amsl).

The Site is located on the western side of the Silver Creek II Subdivision (Figure 2). The Site is bounded on the west by Silvercroft Wash, which was impacted by the release. The pipeline release location is in the utility easement on the western side of the Silver Creek II Subdivision, a residential development which was under construction when the release occurred. The surface and near-surface area impacted by the release ("Impacted Area") included portions of the Silver Creek II Subdivision (lots 321, 328, 352, 353, 354, 355, and 356; portions of the utility easement west of these lots; the storm drain channel between lots 352 and 353; and limited areas of soil beneath Silver Island Way and Silverbell Tree Drive) and portions of Silvercroft Wash. The remaining lots and streets in the Silver Creek II Subdivision were not impacted by the release based on visual observations during emergency response activities, analysis results for surface and near-surface soil samples collected at the margins of the impacted area and on nearby lots, and analysis results of soil samples collected from groundwater monitoring well borings located in streets.

2.2 Geologic and Hydrogeologic Conditions

Geologic and hydrogeologic conditions associated with the Site area, correlations with local Tucson area groundwater conditions, and specific conditions beneath the Site are described in this section. The initial groundwater monitoring well network consisted of

wells located within the Silver Creek I and Silver Creek Subdivisions, with some wells located in the buffers between the subdivisions and Silvercroft Wash. Over time the groundwater monitoring well network has expanded to include additional wells located within the Silverbell Landfill WQARF Site in order to maintain delineation of dissolved-phase COCs.

2.2.1 Regional Geology

The Site is located along the northeastern margin of the Tucson Basin, a broad northwest-trending alluvial valley encompassing approximately 1,000 square miles. The Tucson Basin is defined as the portion of the upper Santa Cruz drainage system bounded on the north and northeast by the Tortolita and Santa Catalina Mountains; on the east by the Rincon and Empire Mountains; and on the west by the Black, Tucson, and Sierrita Mountains (Tucson Water 1988). The central portion of the Tucson area is filled by a large fluvial/alluvial deposit representing two coalescing deposits originating from the Santa Cruz River, located approximately 600 feet east of the Site, and the Rillito Creek, located approximately 3 miles north of the Site (Davidson 1973). Both of these streams are ephemeral and only contain water during heavy rainfall. The total thickness of the alluvial deposits is estimated to be more than 20,000 feet (Tucson Water 1988).

Quaternary alluvium deposits originating from the coalescing streams underlie the Site to an approximate depth of 35 to 50 feet below ground surface (bgs). The Fort Lowell formation is composed of gravel near the basin margins and grades to silt near the center. The formation ranges in thickness from 300 to 400 feet, thinning toward the basin margins (Davidson 1973). The Fort Lowell Formation is estimated to be 35 feet thick in the vicinity of the Site (Tucson Water 1988). The tertiary Tinaja beds rest unconformably (deposited over a weathered surface, or after a period of non-deposition) below the Fort Lowell Formation and are composed of gravel and sand grading to a very thick sequence of gypsiferous clayey silt and mudstone toward the center of the basin (Davidson 1973). These beds were deposited in an internally draining basin and are estimated to be several thousand feet thick near the center (Davidson 1973). The Upper Tinaja Subunit of the Tinaja Formation underlies the Fort Lowell Formation, and is believed to be 300 to 400 feet thick in the Site vicinity (Tucson Water 1988). The Upper Tinaja beds are composed of moderate to well consolidated sandy, gravelly silt and clays, and overly volcanic bedrock (Davidson 1973).

2.2.2 Local Geology

Lithology encountered during drilling of all wells associated with the SFPP release have consisted of coarse sands and gravels to 175 feet bgs. Groundwater was initially encountered at approximately 140 feet bgs in borings that were installed in 2003. No perched groundwater was detected in the borings. Silt or clay lenses were not encountered between the surface and the groundwater table, with soil samples logged at 5-foot intervals in wells at and near the release point, and at 10-foot intervals in wells away from the release point (LFR 2004e).

2.2.3 Hydrogeology

The Regional Aquifer underlying the Tucson Basin consists of three primary water-bearing units. These units, in descending stratigraphic order, are the Quaternary age Fort Lowell Formation, the Tertiary Tinaja beds, and the Tertiary Pantano Formation. The Fort Lowell Formation is the most productive part of the aquifer. Recent Quaternary surficial deposits overlie these formations. These surficial deposits are typically gravel and gravelly sand with local sand and sandy silt, and range in thickness from a thin veneer to tens of feet (Davidson 1973).

Based upon observations during initial drilling activities conducted at the Site in 2003, the depth to groundwater in the vicinity of the Site was approximately 140 feet bgs. More recent measurements indicate that the depth to groundwater has increased to approximately 155 feet bgs at the Site release area (Figure 3). The regional groundwater flow direction is toward the north to northwest (Tucson Water 1996). Groundwater elevation in the regional aquifer in the Site vicinity has declined nearly 90 feet since the 1940s. The local groundwater flow is towards the north-northwest in the immediate vicinity of the Site release area. Groundwater flow on the west side of Silvercroft Wash has consistently been towards the northwest (Figure 6).

2.3 Emergency and Early Response

Immediately following the discovery of the pipeline rupture, SFPP dispatched emergency response crews to the Site, contacted the City of Tucson Fire Department (FD), and shut off valves along the pipeline to cease flow of gasoline through the pipeline. Emergency response activities were conducted to contain and minimize further impact of the release. The following sections provide a brief summary of the emergency response activities immediately following the pipeline release.

2.3.1 Tucson Fire Department

The FD was contacted the day of the release and immediately dispatched a response crew to the Site. The FD barricaded several houses in the development that were affected by the release. The FD applied approximately 1,000 gallons of suppression foam and water on the gasoline.

2.3.2 Vacuum Trucks

SFPP initially used vacuum trucks to recover released gasoline from the Silvercroft Wash, from the excavation at the release point, and from various other areas at the Site where gasoline had ponded on the ground surface. This recovery included water that was ponded in the Silvercroft Wash and water and fire-retardant foam applied to the area by the FD during their response. Approximately seven truckloads of waste water and foam were routed under appropriate manifest to the Tucson terminal and offloaded into an isolated storage tank to allow the gasoline/water mixture to separate (LFR 2004w).

2.3.3 Soil Removal

Immediately following the pipeline release, soil excavation and removal activities were conducted. Soil excavation and removal identified impacted areas such as the Silvercroft Wash, pipeline release area, storm-water channel, Southwest Gas pipeline right-of-way, along the access road on the eastern side of Silvercroft Wash, along the curbs at the intersection directly east of the storm-water channel, and the water line junction valve. The subsections below provide a brief summary of each excavation.

2.3.3.1 Silvercroft Wash

On July 31, 2003, the Silvercroft Wash was excavated, removing the top 6 to 12 inches of soil (Figure 4 of the NFA; Appendix B [CD]). Approximately 250 tons of soil were removed using thirty-two roll-off bins. The soil was immediately transported and disposed of at the Sonas Soil Recycling Facility (Sonas) in Vicksburg, Arizona. The excavated area was then backfilled with clean fill and graded to the original elevation contours for proper drainage.

Following the grading of the Silvercroft Wash, eight soil samples were collected from multiple locations within the approximate center of the wash (Figure 4 and Table 2 of

the NFA). A hand auger was used to drill through the clean backfill material and into native soil. Total depth of the borings ranged between 1 and 2 feet bgs.

On August 4, 2003, an additional excavation was conducted in the wash along the southeastern corner of the bridge (Figure 4 of the NFA). An area approximately 8 feet wide by 12.5 feet long and approximately 6 feet below grade was excavated. Using the excavator bucket and a shovel, two soil samples were collected from the bottom and side wall of the excavated area at depths of 6.5 feet and 4.5 feet bgs, respectively. Using a hand auger, one soil sample (three total) was collected in native soil at each remaining corner of the bridge and wash at depths between 1 and 1.5 feet bgs (Figure 4 of the NFA). On August 7, 2003, two samples were collected in the wash, north of the bridge (Figure 4 of the NFA).

Soil samples were analyzed in accordance with United States Environmental Protection Agency (USEPA) Method 8260 for BTEX and MTBE, and in accordance with USEPA Method 8015M for TPH. Analytical results demonstrated that COC concentrations in the native soils beneath the excavated areas are lower than ADEQ residential soil remediation levels (SRLs) and groundwater protection levels (GPLs). A summary of the soil sample analytical results is presented in Table 2 of the NFA.

On August 20, 2003, URS collected two soil samples in the native soil below the former location of the 250 tons of stockpiled soil (Figure 5 of the NFA). Soil samples were collected from 1 to 3 inches bgs. Both soil samples were analyzed in accordance with USEPA Method 8260 for BTEX and MTBE. Analytical results demonstrated that COC concentrations in the native soils beneath the former stockpile area were all non-detect (ND), at, or below their respective method reporting limits (MRLs). A summary of the soil sample analytical results is presented in Table 3 of the NFA.

2.3.3.2 Pipeline Release Area

On August 1, 2003, SFPP excavated an area approximately 100 feet long by 20 feet wide, with a minimum depth of approximately 10 feet, in the vicinity beneath the pipe release location (Figure 4 of the NFA).

2.3.3.3 Storm-Water Channel

On August 5, 2003, the limits of the storm-water channel between lot 352 and lot 353 was excavated to a depth of approximately 2 feet bgs (Figure 4 of the NFA). Four soil samples were collected using a hand auger at depths of 1.5 feet and 2 feet bgs. All samples were analyzed in accordance with USEPA Method 8260 for BTEX and MTBE,

and in accordance with USEPA Method 8015M for TPH. Analytical results demonstrated that COC concentrations in the native soils beneath the excavated areas were below ADEQ residential SRLs and GPLs. A summary of the soil sample analytical results is presented in Table 2 of the NFA.

On October 6, 2003, additional soil was excavated along the entire reach of the storm drain channel between lots 352 and 353. Soil was excavated to depths of up to 15 feet, and an additional 3 feet of soil was removed laterally from the channel banks (Figure 8 of the NFA). Twenty-two confirmation soil samples were collected from the excavation bottom and sidewalls. All samples were analyzed in accordance with USEPA Method 8260 for BTEX and MTBE, and in accordance with USEPA Method 8015M for TPH. Analytical results demonstrated that benzene and TPH were not detected in any of the soil samples, and toluene, ethylbenzene, and total xylenes were only detected in one soil sample. MTBE was detected in five samples, with the highest concentration at 6.4 milligrams per kilogram (mg/kg). All detected concentrations were well below ADEQ residential SRLs and GPLs. A summary of the analytical results is presented in Table 6 of the NFA.

On October 9, 2003, an additional excavation was performed at the west end of the storm drain channel (Figure 8 of the NFA). Eight confirmation soil samples were collected and analyzed in accordance with USEPA Method 8260 for BTEX and MTBE, and in accordance with USEPA Method 8015M for TPH. Analytical results demonstrated no detectable concentrations of benzene and TPH. Toluene, ethylbenzene, and total xylenes were detected in only one sample but well below ADEQ SRLs and GPLs. MTBE was detected in five samples, with a maximum detected concentration of 1.5 mg/kg. A summary of the analytical results is presented in Table 6 of the NFA.

Excavated soil from October 6 and 9, 2003 was transported and disposed of offsite, under proper manifest, at the Sonas Facility. Ninety 20-ton truckloads (approximately 1,400 cubic yards) of soil were removed from the Site between October 6 and 9, 2003.

During reconstruction of the western end of the storm-water channel, odors emanating from the soil were reported. On November 24, 2003, ATC Associates Inc. (ATC) directed excavations, performed by Borderland Construction, from eight locations in and adjacent to the western end of the storm-water channel (Figure 12 of the NFA). Using a backhoe, the areas were excavated to depths between 3.5 and 5 feet bgs. One soil sample and a split sample for ATC were collected from each excavation area. The excavations were backfilled after the soil sample collection.

Eight soil samples were analyzed in accordance with USEPA Method 8260 for BTEX and MTBE, and in accordance with USEPA Method 8015M for TPH. BTEX and MTBE were not detected in six of the eight soil samples. MTBE, toluene, ethylbenzene, and total xylenes were detected in the other two soil samples at concentrations lower than the residential SRLs. A summary of the analytical results is presented in Table 11 of the NFA.

2.3.3.4 Southwest Gas (Natural Gas) Pipeline Right-Of-Way

During the release, gasoline flowed along the ground surface above the natural gas pipeline right-of-way, approximately 120 feet north of the release point, along (parallel and adjacent to) the top of the concrete embankment of the wash. On August 5, 2003, an area approximately 9 feet wide by 17 feet long and approximately 6 feet deep was excavated, exposing the natural gas line (Figure 4 of the NFA). The excavation continued until the photoionization detector (PID) reading indicated that all significantly impacted soil was removed. Southwest Gas personnel inspected the natural gas pipeline to determine if the protective coating was compromised. Only a 4-foot section was found to be compromised, and this coating was subsequently repaired.

Using the excavator bucket and a shovel, four soil samples were collected at depths ranging from 4 to 6.5 feet bgs. The four soil samples were collected with one from the eastern sidewall, one from the western sidewall, and two at the bottom of the excavation (Figure 4 of the NFA). Upon completing the soil sampling, the excavation area was immediately backfilled with clean fill. All samples were analyzed in accordance with USEPA Method 8260 for BTEX and MTBE, and in accordance with USEPA Method 8015M for TPH. Analytical results demonstrated that COC concentrations in the native soils beneath the excavated areas were below ADEQ residential SRLs and GPLs. A summary of the Silvercroft soil sample analytical results is presented in Table 2 of the NFA.

On August 7, 2003, excavation along the top of the natural gas pipeline resumed. A 2-foot-wide excavation trench continued north until the slope of the ground surface began tilting upward toward the bridge (approximately 55 feet long) and south to within 2 feet of the release point (approximately 115 feet long; Figure 4 of the NFA). The trench was excavated down to approximately 7 feet bgs at its deepest point. A PID was used during the trench excavation to help confirm that all impacted soil was removed.

Using the excavator bucket and a shovel, ten soil samples were collected at regular intervals throughout the bottom and eastern sidewall of the trench at depths ranging from 0 to 7 feet bgs (Figure 4 of the NFA). All samples were analyzed in accordance with USEPA Method 8260 for BTEX and MTBE, and in accordance with USEPA Method 8015M for TPH. Analytical results demonstrated that COC concentrations in the native soils beneath the excavated areas were below ADEQ residential SRLs and GPLs. A summary of the Silvercroft soil sample analytical results is presented in Table 2 of the NFA.

Along the southern end of the excavation trench (nearly flush with the storm-water drainage channel and release point), the Southwest Gas pipeline was exposed for inspection. The excavated area was approximately 16 feet by 13 feet, with a depth of approximately 6 feet in the western half and approximately 3 feet in the eastern half (Figure 4 of the NFA). The sides of the excavation were benched. Minor repairs to the pipeline were made by Southwest Gas personnel.

Five soil samples were collected from within the excavated area (four sidewalls and one bottom; Figure 4 of the NFA). All samples were analyzed in accordance with USEPA Method 8260 for BTEX and MTBE, and in accordance with USEPA Method 8015M for TPH. Analytical results demonstrated that COC concentrations in the native soils beneath the excavated areas were below ADEQ residential SRLs and GPLs. A summary of the soil sample analytical results is presented in Table 2 of the NFA.

2.3.3.5 Access Road along Top of the Eastern Side of Silvercroft Wash

Gasoline from the release was identified running along an existing silt fence located at the top of the eastern side of Silvercroft Wash. On August 8, 2003, the silt fence was removed and a trench approximately 2 feet wide, 2 feet deep, and approximately 100 feet long was excavated (Figure 4 of the NFA). After screening the soil with a PID, four soil samples were collected from the trench: two from the bottom and two from the sidewalls. All samples were analyzed in accordance with USEPA Method 8260 for BTEX and MTBE, and in accordance with USEPA Method 8015M for TPH. Analytical results demonstrated that COC concentrations in the native soils beneath the excavated areas were below ADEQ residential SRLs and GPLs. A summary of the Silvercroft soil sample analytical results is presented in Table 2 of the NFA.

2.3.3.6 Curbs at the Intersection Directly East of the Strom-Water Channel

On August 8, 2003, SFPP excavated the areas around the curbs on the northeastern and southeastern corners of the road intersection directly east of the storm-water

channel (Figure 4 of the NFA). The excavation on the southeast corner was approximately 90 square feet in size and approximately 1 foot below grade. Two soil samples were collected from this excavation area at approximately 1 foot bgs.

The excavation on the northeastern corner of the intersection was approximately 130 square feet in size with varying depths up to 4 feet below grade. Three soil samples were collected from the southeastern, bottom, and northwestern areas of the excavation. PID readings indicated that the eastern and southern portions of the excavation were devoid of significantly affected soil.

All samples were analyzed in accordance with USEPA Method 8260 for BTEX and MTBE, and in accordance with USEPA Method 8015M for TPH. Analytical results demonstrated that COC concentrations in the native soils beneath the excavated areas were below ADEQ residential SRLs and GPLs, with the exception of benzene in soil sample NE Curb-N.Bot-82-4'. Benzene was detected at a concentration of 0.76 mg/kg, just exceeding the residential SRL for benzene of 0.62 mg/kg. Excavation at the time was limited by the possible presence of utilities. A summary of the southeastern and northeastern curb soil sample analytical results is presented in Table 2 of the NFA.

On September 3, 2003, an additional 60 cubic yards of potentially impacted soil was excavated from the northeastern curb of intersection of Silver Island Way and Silver Meadow Place in response to the elevated benzene concentration (Figure 7 of the NFA).

After screening the excavation with a PID, ten confirmation soil samples were collected from the bottom and sidewalls of the excavation. All soil samples were analyzed for BTEX and MTBE in accordance with USEPA Method 8260 and TPH (C_6-C_{32}) in accordance with USEPA Method 8015M. All ten soil samples showed no detectable concentrations of BTEX or TPH (Table 5 of the NFA). MTBE was detected in eight of the ten soil samples, with concentrations ranging from 0.056 mg/kg to 0.320 mg/kg (Table 5 of the NFA).

2.3.3.7 Temporary Water Line

A temporary water line was installed so that a source of water would be available to the FD while the existing water line beneath the street was being replaced. On August 19, 2003, a trench approximately 2 feet wide, 3 feet deep, and 400 feet long was excavated (Figure 5 of the NFA). SFPP screened the soil as the trench excavation proceeded using a PID and visually inspecting. Approximately 20 cubic yards of

potentially impacted soil was segregated, place in a roll-off bin, and transported and disposed of offsite at the Sonas Facility. The remaining excavated soil was used as backfill along with clean imported fill. . Confirmation soil samples were collected from this area as part of the water line replacement activities during the week ending August 29, 2003. The results are discussed below in Section 2.3.3.9.

2.3.3.8 Water Valve Junction

On the day of the release, product had collected on the surface area near the location of a buried water valve junction approximately 5 feet bgs. SFPP was concerned that product may have traveled down a riser pipe leading to the valve junction. During the week of August 23, 2003, SFPP excavated an area approximately 23 feet by 15.5 feet and approximately 16 feet bgs (approximately 100 cubic yards) around the valve and replaced the valve and associated piping (Figure 5 of the NFA). The soil was screened with a PID during the excavation for potentially impacted soil, which was concentrated around the valve junction. Potentially impacted soil was segregated and placed in 20-cubic-yard roll-off bins, which were disposed of offsite at the Sonas Facility.

Upon removal of the potentially impacted soil, two soil samples were collected at the bottom of the excavation and the west wall (Figure 5 of the NFA). Both were submitted to an on-site mobile laboratory and analyzed for BTEX in accordance with USEPA Method 8260 and TPH (C_6-C_{10}) in accordance with USEPA Method 8015M. Both samples showed no detectable concentrations of BTEX or TPH (Table 3 of the NFA).

An additional 12 soil samples were collected from the area surrounding the valve junction at depths ranging from 3 to 16 feet bgs (Figure 5 of the NFA). All soil samples were analyzed for BTEX and MTBE in accordance with USEPA Method 8260 and TPH (C_6-C_{32}) in accordance with USEPA Method 8015M. All 12 soil samples showed no detectable concentrations of BTEX or TPH (Table 3 of the NFA). MTBE was detected in four soil samples, with the highest concentration detected at 0.680 mg/kg (Table 3 of the NFA).

2.3.3.9 Water Line Replacement

In conjunction with the water valve junction replacement, approximately 300 feet of 8-inch water main running north-south was replaced. In addition to the water main, approximately 15 feet of 4-inch water line that will service houses east of the junction was also replaced. During the week ending August 29, 2003, an excavation trench 2 feet wide, 4 to 5 feet deep, and approximately 300 feet long was completed (Figure 5

of the NFA). Throughout the excavation of the trench, LFR screened the soil with a PID.

Twenty-three soil samples were collected from the bottom and sidewalls of the trench at depths ranging from 2 to 8 feet bgs. All soil samples were analyzed for BTEX and MTBE in accordance with USEPA Method 8260 and TPH (C_6-C_{32}) in accordance with USEPA Method 8015M. All 23 soil samples showed no detectable concentrations of BTEX, MTBE, or TPH (Table 3 and 4 of the NFA).

2.3.3.10 Sanitary Sewer Manhole #3

On the day of the release, product collected on the ground surface within 50 feet of a buried sewer line junction. The sewer line junction is accessible via manhole (manhole #3, as identified by the Pima County Department of Transportation & Flood Control District [PCDTFD]) (Figure 7 of the NFA). On September 2, 2003, approximately 33 cubic yards of potentially impacted soil was excavated around the sanitary sewer manhole #3 (Figure 7 of the NFA). During the excavation, a PID was used to screen the soil. All excavated soil was placed directly into 20-cubic-yard roll-off bins.

The sewer line was located at approximately 4.5 feet bgs. Two sand samples were collected from beneath the sewer line, and an additional four confirmation soil samples were collected from the native soil within the excavation (Figure 7 of the NFA). Both the sand and soil samples were analyzed for BTEX and MTBE in accordance with USEPA Method 8260 and TPH (C_6-C_{32}) in accordance with USEPA Method 8015M. All six samples showed no detectable concentrations of BTEX, MTBE, or TPH (Table 5 of the NFA).

2.3.3.11 Surface Soil in Lots 352 through 356

On October 1, 2003, following complete removal of all slab material and house debris, Chemical Transportation Incorporated (CTI) began removing the top 1 foot of soil on Lots 352 through 356 (Figure 10 of the NFA). On October 2, 2003, CTI continued to excavate along the eastern side of the lots to remove potentially impacted soil. CTI excavated approximately 680 tons of soil from the excavation and the top 1 foot of soil. Soil was removed and transported to the Sonas Facility, under proper manifest, on October 3, 2003.

2.3.3.12 Storm Drain Curb along Silver Island Way and Silverbell Tree Drive

On October 13, 2003, Borderland removed the curb and some asphalt along Silver Island Way adjacent to lots 352 through 356. Between October 14 through 16, 2003, Borderland excavated approximately 40 cubic yards of soil at the east end of the storm channel and excavated the soil below the storm drain curb along Silver Island Way and Silverbell Tree Drive. In addition, two areas on the west side of the intersection were excavated where product was suspected to have flowed. All excavated soil was place in roll-off bins. During the excavation, 45 confirmation soil samples were collected from the sidewalls and bottom. The excavation areas were backfilled during the week ending October 24, 2003. The excavation areas and sample locations are depicted on Figure 9 of the NFA.

Soil samples were submitted and analyzed for BTEX and MTBE in accordance with USEPA Method 8260 and TPH (C_6-C_{32}) in accordance with USEPA Method 8015M. The majority of the soil samples showed no detectable concentrations of BTEX, MTBE or TPH, and all other samples yielded concentrations well below ADEQ residential SRLs (Table 7 of the NFA).

2.3.4 Surface Water Sampling

2.3.4.1 Standing Water

On August 1, 2003, five water samples were collected of standing water present at various locations around the release area (Figure 24 of the SCR). No water was present in the wash north of the bridge to the confluence of the west fork at the time of sample collection. All samples were analyzed in accordance with USEPA Method 8260 for BTEX and MTBE. Only toluene, ethylbenzene, total xylenes, and MTBE were detected, but at concentrations below AWQS. A summary of the surface water sample analytical results is presented in Table 2 of the SCR (Appendix C [CD]).

2.3.4.2 Storm-Water Runoff

On August 14, 2003, URS collected four storm-water runoff samples from four locations approximately 600 to 1,100 feet north (downstream) of the release area in the Silvercroft Wash, upstream and downstream of the confluence with the west fork, in the west fork itself, and in the Santa Cruz River (Figure 24 of the SCR). On August 18, 2003, URS collected another four water samples from the same four locations. All samples were analyzed in accordance with USEPA Method 8260 for BTEX and MTBE. All storm-water samples showed no detectable concentrations of BTEX. MTBE was

detected in three of the four samples, with the highest concentration of 1.3 micrograms per liter (µg/L) detected in the sample closest to the release area (Figure 24 of the SCR). A summary of the surface water sample analytical results is presented in Table 2 of the SCR.

2.3.4.3 Pressure Test

On August 19, 2003, SFPP performed a hydrostatic pressure test on a 12-mile-long section of the 8-inch-diameter fuel pipeline. An 8-mile-long portion passed the test, but the remaining 4-mile-long portion failed, with a rupture occurring approximately 35 feet north of the original July 30, 2003 release (Figure 3 of Weekly report 8-29-2003). Approximately 1,000 gallons of water was released, with most of it ponded in the immediate vicinity of the pipe. A smaller portion of the water released ponded in the Silvercroft Wash. None of the released water traveled past the bridge located approximately 170 feet north (and downstream) of the August 19, 2003 release. URS collected three water samples from the released water and four soil samples from beneath the pipeline where the water flowed from the pressure test. Sample locations are shown on Figure 3 of the Weekly Report 8-29-2003 (Appendix D).

All soil and water samples were analyzed in accordance with USEPA Method 8260 for BTEX and MTBE. BTEX and MTBE were detected in each of the water samples. All constituents were non-detect below laboratory reporting limits in the soil samples except for total xylenes (two samples at 0.58 mg/kg and 0.37 mg/kg) and MTBE (two samples at 0.170 mg/kg and 0.057 mg/kg) and all were well below the ADEQ residential SRLs (Table 3 of the NFA). A summary of the pressure test water sample analytical results is presented in Table 3 of Weekly Report 8-29-2003 (Appendix D) and summary of the soil sample analytical results is presented in Table 3 of the NFA (Appendix B).

2.3.5 Soil Borings

2.3.5.1 Housing Foundations

On behalf of Monterrey Homes, ATC advanced 16 soil borings adjacent to house foundations in lots 321, 328, 350, 351, 353, 354, 355, and 356 on August 27 and 28, 2003 (Figure 6 of the NFA). Soil borings were advanced using hand augers and post-hole diggers to depths of approximately 5 feet. ATC submitted up to three soil samples from each boring to an on-site mobile laboratory. Twenty-six soil samples were collected from the 16 borings and submitted for BTEX and MTBE analysis in accordance with USEPA Method 8260 and TPH (C_6-C_{32}) in accordance with USEPA

Method 8015M. Twenty-four of the 26 soil samples showed no detectable concentrations of BTEX, MTBE, or TPH (Table 4 of the NFA). The surface sample from lot 353 yielded detectable concentrations of total xylenes (4.4 mg/kg) and MTBE (2.4 mg/kg). A grab sample at 1 foot bgs from lot 353 yielded detectable concentrations of toluene (3.4 mg/kg), ethylbenzene (4.9 mg/kg), total xylenes (130 mg/kg), MTBE (7.5 mg/kg), TPH C6-C10 (1,500 mg/kg), and TPH C10-C32 (460 mg/kg). All detected concentrations were lower than their respected Arizona residential SRL.

2.3.5.2 Release Point

On September 23, 2003, Geomechanics Southwest Inc. (GSI) advanced three boreholes, L352-B1, L353-B1, and RP, under the supervision of a geologist in the vicinity of the release point as described in the "Work Plan to Advance 3 Borings" (LFR 2003b; Figure 11 of the NFA). Each borehole was drilled using a track-mounted CME-75 hollow-stem auger drill rig. Soil samples were collected every 5 feet, down to auger refusal, with a split-barrel sampler lined with brass sleeves for analytical analysis. Auger refusal was encountered at 36 feet bgs, 33 feet bgs, and 29 feet bgs in borings L352-B1, L353-B1, and RP, respectively. Four soil samples from borehole L352-B1, three soil samples from borehole L353-B1, and two soil samples from borehole RP were analyzed. All nine soil samples were analyzed for BTEX and MTBE in accordance with USEPA Method 8260. Six of the nine soil samples showed no detectable concentrations of BTEX or MTBE (Tables 8 and 10 of the NFA). Of the detected constituents, only benzene exceeded the residential SRL and GPL in the 15-foot and 25-foot sample from borehole RP at concentration of 86 mg/kg and 21 mg/kg, respectively.

Drill cuttings from borings L352-B1 and L353-B1 were placed in 20-cubic-yard bins. Borehole RP was drilled through a 10-foot-long, 12-inch-diameter polyvinyl chloride (PVC) pipe emplaced while backfilling around the pipelines to be used as a guide tube after the initial release. Therefore, no drill cuttings were generated from borehole RP. Borehole L352-B1 and L353-B1 were backfilled with a cement/bentonite grout mixture. Borehole RP was not grouted so that an air rotary casing hammer drill rig can be advanced within the 12-inch-diameter PVC pipe.

On September 29, 2003, GSI, under the supervision of a geologist, advanced one soil boring (RP2) using an air rotary Tubex system, modified from a CME-75 drill rig. RP2 is located approximately 6 feet north of boring RP between the 6-inch and 12-inch SFPP pipelines (Figure 11 of the NFA). Soil samples were collected at 5-foot intervals

with a split-barrel sampler lined with brass sleeves. The Tubex drill rig was unable to drill deeper than 100 feet bgs. A total of 13 soil samples were submitted for analysis of BTEX and MTBE in accordance with USEPA Method 8260 and TPH in accordance with USEPA Method 8015M. All soil samples yielded detectable concentrations of BTEX, MTBE, and TPH. Based on PID readings and laboratory analytical results, impacted soil containing COC concentrations that exceeded the residential SRL and/or GPL was present down to 100 feet bgs (Table 10 of the NFA). Therefore, a soil vapor extraction well (SVE-1) was installed and constructed of 2-inch-diameter PVC with 0.020-inch slot screened from 60 to 100 feet bgs.

2.3.5.3 Lots 352 through 356 Shallow Borings

Because five houses under construction on lots 252 through 356 were impacted by the July 30, 2003 release, GSI advanced six borings on each of the five lots during October 1 and 2, 2003 to assess COCs in soil (Figure 10 of the NFA). Each boring was advanced using a track-mounted CME-75 hollow-stem auger drill rig to depths ranging from approximately 5 to 16 feet bgs. Two or three soil samples were collected from each boring at 5-foot intervals with a split-spoon sampler lined with brass sleeves. All soil samples were submitted for analysis of BTEX and MTBE in accordance with USEPA Method 8260 and TPH in accordance with USEPA Method 8015M. All soil samples indicated no detections of benzene and TPH. Three of the 69 samples yielded detected concentrations of toluene, ethylbenzene, and total xylenes, and 17 of the 69 samples yielded detected concentrations of MTBE. All detected concentrations of BTEX or MTBE in the soil samples were well below ADEQ residential SRLs (Table 8 of the NFA).

2.3.6 House Demolition

During the July 30, 2003 release, five houses under construction on lots 252 through 356 were impacted and required demolishing and off-site disposal. On September 19, 2003 R.W. Strunk Excavating, under the direction of CTI and SFPP, demolished all five houses using a track-hoe equipped with a bucket and placed the debris in 20-cubic-yard bins. Prior to any demolition activity, URS installed four air monitoring stations around the perimeter of the demolition zone. Each air station monitored for VOCs and particulates on a 24-hour basis. URS also had an air monitoring opacity inspector on site. Spot checks for isolated air pockets of VOCs were also conducted using a PID. No significant VOC concentrations were detected with the PID associated with demolition activities. Debris removal and concrete foundation demolition continued on September 22 and 23, 2003, and removal was completed on October 1, 2003. The

house and pad debris was sampled, profiled, and accepted for disposal at the Waste Management Butterfield Landfill. A total of 69 bins of debris and concrete from the demolished houses were removed.

2.3.7 Initial Groundwater Investigation

Based on the results of previous soil boring analyses, the potential of impact to groundwater from the July 30, 2003 release was a concern, and a groundwater investigation at the Site was conducted. During the initial drilling mobilization, sixteen groundwater monitoring wells were installed on the east side of Silvercroft Wash in October and November, 2003 for the following characterization objectives:

1. Identify the vertical extent of petroleum hydrocarbons in soil at the release point.
2. Identify depth to groundwater at the release point.
3. Determine whether PSH is present beneath the release point.
4. Delineate the lateral extent of PSH.
5. Delineate the lateral extent of dissolved-phase hydrocarbons in groundwater.
6. Evaluate the lateral and vertical extent of hydrocarbons in soil relative to the release point location.
7. Evaluate the groundwater gradient and groundwater flow direction.

The monitoring wells were designated MW-1 through MW-16 (Figure 2). Generally, the borings were each drilled to a total depth of 170 feet bgs. The screened intervals extend from 130 to 170 feet bgs with the exception of MW-1, which is screened from 120 to 170 feet bgs.

Attempts to collect soil samples were made every 5 feet during the installation of the monitoring wells from the near surface down to the water table, which was at approximately 140 feet bgs. A total of 134 soil samples were collected and submitted to an Arizona-certified analytical laboratory for VOC analyses in accordance with USEPA Method 8260 and TPH in accordance with USEPA Method 8015M. No VOCs or TPH were detected in any of the soil samples analyzed from wells MW-5, MW-6, MW-7, MW-9, and MW-11 through MW-16. Well MW-10 yielded one detection of toluene (0.06 mg/kg) in the 85-foot sample. Well MW-8 yielded detected concentrations of TCE and PCE in the 120-foot and 130-foot samples, but no BTEX was detected. Wells MW-1 through MW-4 yielded one or more soil samples with detectable concentrations of BTEX, MTBE, and TPH, with several of them exceeding the SRLs. Benzene concentrations in the deepest soil samples from wells MW-1

through MW-4 all exceed the SRL. A summary of the historical analytical results for BTEX, MTBE, PCE, TCE, and TPH from soil samples is presented in Table 4 of the SCR, and the locations of the monitoring wells are shown on Figure 2.

2.3.7.1 2003 Groundwater Quality Monitoring

In monitoring wells MW-6, MW-7, and MW-11 through MW-16, where no PSH was measured after well development, groundwater samples were collected and analyzed. The following subsections describe groundwater monitoring and sampling events during 2003.

2.3.7.1.1 October 2003

Prior to development of wells MW-6 and MW-7, a groundwater sample was collected by bailer method and used for screening purposes. After the development of well MW-6, the well was purged three well volumes and sampled again. Samples from the groundwater monitoring wells were analyzed in accordance with USEPA Method 8260 for BTEX and MTBE. All three samples yielded detectable concentrations of MTBE, with the samples from MW-6 increasing from 1.35 µg/L (bailed) to 88 µg/L (purged). Benzene was only detected in the MW-6 purged sample, but below AWQS of 5 µg/L. Toluene, ethylbenzene, and total xylenes were detected in one sample or more, but at concentrations well below their current respective AWQS. A summary of the historical groundwater analytical results is presented in Table 1.

2.3.7.1.2 November 2003

Monitoring wells MW-7 and MW-11 through MW-16 were purged and sampled during November 2003. MW-6 was not sampled, as PSH was detected. Samples from the seven groundwater monitoring wells were analyzed in accordance with USEPA Method 8260 for VOCs (full list) and USEPA Method 8310 for polycyclic aromatic hydrocarbons (PAHs). Results from the groundwater samples analyzed indicate no detectable concentrations of BTEX or MTBE. PCE was detected in four of the seven wells, with only one sample just exceeding the AWQS for PCE of 5 µg/L. A summary of the historical groundwater analytical results is presented in Table 1.

TCE and PCE are COCs associated with the Silverbell Landfill WQARF Site. TCE and PCE are not components of gasoline, so any detection of TCE and PCE in the SFPP wells indicate impacts from the Silverbell Landfill WQARF Site. The groundwater

sample collected at that time from a COT well (WR-070A) indicated a PCE concentration of 34 µg/L, higher than the 5 µg/L AWQS for PCE (Table 1).

2.3.7.1.3 December 2003

Monitoring wells MW-7 and MW-11 through MW-16 were purged and sampled during December 2003. Samples from the seven groundwater monitoring wells were analyzed in accordance with USEPA Method 8260 for VOCs (full list). Results from the groundwater samples analyzed indicated no detectable concentration of BTEX or MTBE in any of the samples. PCE was detected in four of the seven wells, with two samples just exceeding the AWQS for PCE of 5 µg/L. A summary of the historical groundwater analytical results is presented in Table 1.

All of the groundwater samples collected from COT well WR-070A during December 2003 yielded detected concentrations of PCE and TCE, with the highest PCE concentration at 55.9 µg/L and TCE at 4.4 µg/L (Table 1). Well WR-070A continued to exhibit PCE concentrations higher than the AWQS in every sample, and detections of TCE at concentrations just below the AWQS in every sample during December 2003. No BTEX or MTBE was detected in any of the WR-070A samples. The source of the PCE and TCE is likely the Silverbell Landfill WQARF Site.

2.3.8 Phase-Separated Hydrocarbons

Boring RP-3, located approximately 37 feet north and 17 feet west of the pipeline release point, was the first boring at the Site advanced to groundwater. Drilling of RP-3 began on October 6, 2003. Groundwater was encountered at approximately 140 feet on October 9, 2003. At the time groundwater was encountered, no PSHs were detected. The boring was advanced to a total depth of 170 feet bgs, and a groundwater monitoring well (later designated MW-2) was installed on October 9 and 10, 2003. Monitoring well MW-2 is depicted on Figure 2. Depth-to-water measurements taken on October 10, 2003 indicated a PSH thickness of 3.63 feet. Mr. Mark Sandon of SFPP telephoned Mr. Michael Traubert of ADEQ on October 10, 2003, to notify him that PSH had been measured in well MW-2. In the weeks that followed, SFPP began an intensive groundwater well installation effort to characterize extent of the PSH plume, and to allow commencement of PSH extraction activities, described in Section 4.2.

2.3.9 Dual-Phase Mobile Soil Vapor Extraction

TRC, Inc. was contracted by SFPP to mobilize their Dual-Phase Mobile Treatment Unit to the Site to begin soil vapor extraction (SVE) from well MW-1 and the 2-inch-diameter SVE well (SVE-1) during the week ending October 31, 2003. Vapor extraction continued with wells MW-1 and SVE-1, with the addition of vapor extraction in wells MW-3 and MW-4, through the week ending November 7, 2003. During the week ending November 14, 2003, wells were added, with soil hydrocarbon vapors being extracted from wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-10, and SVE-1. Hydrocarbon mass destruction calculations from the initiation of the SVE operation through November 17, 2003 indicated that approximately 3,035 pounds of hydrocarbons (approximately 486 gallons) were recovered by the mobile SVE system (LFR 2004e).

3.0 SITE INVESTIGATION ACTIVITIES

The investigation activities conducted as part of the VRP have been completed to 1) provide further definition and/or verify data obtained from previous investigations; and 2) allow an evaluation of all of the data collected at the Site in an iterative manner to determine the nature and extent of COCs, primarily BTEX and MTBE, at the Site. The investigative activities approved by ADEQ conducted for the VRP-driven RI included the following:

- Groundwater Investigation
- Groundwater Elevation and Free Product Data Measurement
- Soil Vapor Investigation

3.1 Groundwater Investigation

Since the emergency response activities, ARCADIS has installed additional monitoring wells and conducted further groundwater monitoring and sampling at the Site under the VRP. All groundwater monitoring and sampling described herein was conducted in accordance with the QAPP (LFR 2003o), Proposed Remediation Work Plan (PRWP, LFR 2004f), and the Addendum to Proposed Remediation Work Plan (APRWP, LFR 2004v).

Monitoring wells MW-1 through MW-16 were installed in October and November, 2003 on the east side of the Silvercroft Wash as part of the emergency response. As part of

the VRP activities, ten additional monitoring wells (MW-17 through MW-26) were installed in January, February, and March 2004 on the west side of the Silvercroft Wash (Figure 2). Six new groundwater monitoring wells (MW-27, MW-28, MW-29S, MW-29M, MW-29D, and MW-30) were drilled, installed, and developed by mid-December, 2013 (Figure 2).

3.1.1 Groundwater Monitoring Well Installation

From January 2004 to March 2004, ten additional groundwater monitoring wells (MW-17 through MW-26) were drilled and installed on the west side of Silvercroft Wash to further characterize the groundwater to the west and northwest of the release location (Figure 2). SFPP installed six groundwater monitoring wells (MW-17, MW-18, MW-19, MW-20, MW-23, and MW-24) in the COT park property on the west side of Silvercroft Wash, and one groundwater monitoring well (MW-26) in COT drainage way property on the south side of Painted Hills Wash. These properties are non-residential. Three groundwater monitoring wells (MW-21, MW-22, and MW-25) were installed in COT streets in the Silver Creek I Subdivision, an occupied residential neighborhood to the west of Silvercroft Wash. All ten wells were drilled to a total depth of 170 feet bgs with screen intervals from 130 to 170 feet bgs. Boring logs for these ten monitoring wells are provided in Appendix B of the SCR (LFR 2003v) and survey data are provided in Appendix F of the SCR (LFR 2003v). The SCR is included as Appendix C for reference.

Six groundwater monitoring wells (MW-27, MW-28, MW-29S, MW-29M, MW-29D, and MW-30) were drilled, installed, and developed by mid-December 2013 in accordance with the Monitoring Well Installation & Sampling Work Plan (Work Plan) dated October 17, 2013. Two groundwater monitoring wells (MW-27 and MW-28) were installed within 500 feet of the west side of the COT Silverbell Landfill WQARF Site; three clustered wells (MW-29S, MW-29M, and MW-29D) were installed within 100 feet of the COT Silverbell Landfill WQARF Site; and one well (MW-30) was installed within 500 feet of the south of the COT Silverbell Landfill WQARF Site. A monitoring well installation report, including boring logs, was completed for these six wells on May 15, 2014 (Appendix E). The six new monitoring wells were added to the existing Site monitoring well network and were incorporated into the quarterly monitoring events beginning with the first quarter of 2014.

Total depths, screen intervals, measuring point elevations, and ADWR numbers for the monitoring wells are provided in Table 2. Monitoring wells were developed in accordance with procedures described in the QAPP and SARP to ensure that

groundwater quality samples collected are representative of the aquifer. Each monitoring well was surveyed for horizontal coordinates and reference elevations.

3.1.2 Groundwater Monitoring and Sampling

A water-level sounder is used to measure depth to water from the surveyed measuring point to the nearest 0.01 foot. Prior to measurement at each well location, the probe and tape on the water level sounder are decontaminated with Alconox (or equivalent) and distilled water and rinsed with distilled water. All water-level measurements were made from the surveyed measuring point or north side of the well casing.

Groundwater samples are collected from all on-site wells that did not contain free product. Wells are sampled in order, from least impacted to most impacted, based on available historical data. Until the third quarter of 2013, the groundwater wells were purged using three-volume purge techniques. A 2-inch-diameter Grundfos® Redi-Flo pump was used to purge each well. The pump's intake was placed at the center of the water column (the midpoint of the well depth and measured depth to water). Each well was purged at approximately 2 to 3 gallons per minute (gpm). All samples were collected directly from the pump discharge. Flow was slowed to less than 0.25 gpm as the groundwater was collected directly into laboratory-supplied sample 40-milliliter (ml) volatile organics analysis vials (VOAs) preserved with hydrochloric acid (HCl).

Due to the declining water table at the Site (Figure 3), starting as early as late 2012, numerous wells would go dry before a three-volume purge could be reached prior to sampling. Discussions during a meeting with ADEQ led to approval by ADEQ that all wells will be sampled by low-flow purging technique.

Since the third quarter 2013, the wells have been sampled using low-flow purging techniques. In addition, several chosen wells were also sample by the three-volume purge for comparison during the third quarter 2013. The newly installed wells (MW-27 through MW-30) were also sampled by the three-volume purge and low-flow purging for comparison purposes in accordance with a request from ADEQ. The new wells, along with the comparison wells from the third quarter 2013, were first sampled by the three-volume purge, as described above, followed by the low-flow purge method.

During low-flow purging, a 2-inch-diameter Bennet™ low-flow sampling pump is used to purge each well. The pump's intake is placed approximately 5 feet below the air-water interface within the screen interval (i.e., 5 feet below the measured depth to water) in

each well. If the air-water interface is not located within the screen interval, such as in the case of wells MW-29M and MW-29D where the air-water interface is located above the screen interval, the pump's intake is placed approximately 5 feet below the top of the saturated screen interval. Each well is purged at approximately 200 to 300 milliliters per minute (ml/min), per the low-flow sampling method, until monitoring parameters (temperature, pH, conductivity, dissolved oxygen [DO], oxidation-reduction potential [ORP], and total dissolved solids [TDS]) stabilize. Water quality parameters are monitored with a flow-through cell or equivalent type of water monitoring equipment. Parameters are recorded approximately every 5 minutes on field data sheets. Upon stabilization of the water quality parameters, the purge flow rate is reduced to approximately 100 ml/min, the flow-through cell is disconnected, and the groundwater sample is collected from the outlet of the dedicated sample tubing. Groundwater samples are collected directly into laboratory-supplied sample bottles. Ferrous iron and sulfite are analyzed in the field immediately after sample collection using a Hach DR820 spectrometer and a Hach Sulfite Test Kit, respectively. Ferrous iron and sulfite readings are recorded on the field data sheets.

Sample bottles are immediately placed into a cooler containing wet ice to maintain the samples at approximately 4 degrees Centigrade (ºC). Samples are picked up from ARCADIS by a representative of contracted Arizona Department of Health Services (ADHS)-certified laboratory for delivery to their facility for analysis under proper chain of custody. The samples are analyzed for VOCs in accordance with USEPA Method 8260. ARCADIS also collects sample bottles for laboratory analysis of the following monitored natural attenuation (MNA) parameters: total iron, nitrate, nitrite, sulfate, TDS, and methane.

Prior to the fourth quarter 2013 event, the samples were also analyzed at the laboratory for ferrous iron (Fe^{+2}) by Spectrophotometer SM 3500-FE B and sulfite by Method 4500-SO_3 B-2011**.** Ferrous iron has a 24-hour holding time; therefore, the samples were always flagged as having been received either past or too close to the holding time. Sulfite generally has a 15-minute or immediate holding time. This would lead to qualifying the data as estimated or, in some instances, the data were rejected. Due to the issues with holding times, ferrous iron and sulfite are now analyzed by field kit methods only.

Samples are given unique identifiers (e.g., MW-15 and MW-7). Field observations and groundwater parameter information are recorded on groundwater sampling forms. All sample information is entered onto chain-of-custody forms as they are collected and/or prior to transport to the laboratory. Field duplicates and equipment blanks are also collected for each sampling event at a rate of approximately 1 per every 10 regular samples. Trip blanks are prepared by the analytical laboratory and kept with the

samples during each sampling event. Samples are temporarily stored in a cooler with ice and transferred by the sampler to an ADHS-certified laboratory under chain of custody.

3.1.3 Monthly Groundwater Monitoring and Sampling

Groundwater sampling at the Site was conducted monthly as part of the VRP from late 2003 until January 2007. Data collected from the monthly sampling events were reported in weekly reports until January 2005, after which quarterly reports were prepared and submitted for the monthly data. Groundwater samples were only collected from wells that did not contain free product during each sampling event. All monthly groundwater monitoring and sampling was conducted in compliance with the QAPP, SARP, and the APRWP.

During the monthly groundwater monitoring and sampling events (late 2003 through December 2006), a total of 359 primary samples were collected and submitted for analysis (Table 1). Field quality assurance (QA) samples were collected in accordance with QA/quality control (QC) procedures described in the QAPP.

3.1.4 Quarterly Groundwater Monitoring and Sampling

Groundwater monitoring and sampling has been conducted quarterly since January 2007. The groundwater monitoring and sampling frequency was reduced from monthly to quarterly as set forth in the CUPRWP. A notification of the sampling frequency change was communicated in a letter submitted to ADEQ dated February 8, 2007 (LFR 2007a). The February 8, 2007 letter to ADEQ is included as Appendix F. Data collected from the sampling events were reported quarterly. Groundwater samples were only collected from wells that did not contain free product during each sampling event. All quarterly groundwater monitoring and sampling was conducted in accordance with the QAPP (LFR 2003o) and the APRWP (LFR 2004v). Each sampling event was documented in a quarterly report in accordance with the CUPRWP (LFR 2005a).

During the quarterly groundwater monitoring and sampling events (January 2007 through October 2014), a total of approximately 1,155 primary samples were collected and submitted for analysis (Table 1). Field QA samples were collected in accordance with QA/QC procedures described in the QAPP.

3.1.5 City of Tucson Groundwater Well Sampling

To delineate the dissolved BTEX and MTBE in downgradient (north to northwest) groundwater, COT Silverbell Landfill WQARF Site groundwater wells are monitored and sampled by the COT. Analytical data received by COT are forwarded to ARCADIS to include in the Site groundwater sampling events. Up to 12 COT groundwater wells may be sampled and analyzed per event. All monitoring and sampling conducted at COT wells are conducted following the COT Sampling and Analysis Work Plan. Table 1 lists the COT wells and analytical results received. Figure 2 shows the locations of COT wells included in the Site groundwater monitoring reports; note that many additional COT wells exist on the Silverbell Landfill WQARF site that are not shown on figures of this document.

3.2 Groundwater Elevation and Free Product Data Collection

Since the installation of groundwater wells at the Site, depth to groundwater and apparent free product thicknesses have been measured and recorded. Extraction of free product from groundwater wells at the Site is described in Section 4.2.

3.2.1 Free Product Apparent Thickness Remaining.

Table 3 contains apparent free product thickness measurements from wells during the fourth quarter of 2014. Historical free product thickness measurements are presented in Appendix G. Figures 4 and 5 illustrate the apparent free product thicknesses vs. time on the east and west sides of Silvercroft Wash, respectively. Both figures indicate that substantial reductions in apparent free product thicknesses have been achieved. Figures 4 and 5 also illustrate fluctuating apparent product thicknesses in individual wells as residual saturation is approached. These fluctuations are likely due to changes in groundwater elevation resulting from precipitation events, and subtle variations in lithology in which the product resides as groundwater levels decrease or increase.

Delineation of the free product plume continues. During the fourth quarter of 2014, free product was not detected in any wells at the Site.

3.2.2 Groundwater Elevation Data

Table 3 displays monthly groundwater elevations collected throughout the fourth quarter of 2014. Groundwater elevations and apparent free product data are tabulated in Appendix G.

Depth-to-groundwater measurements collected during the fourth quarter of 2014 ranged from 152.80 to 171.63 feet bgs. Water levels beneath the Site have steadily declined in response to the regional drought since monitoring began in October 2003 (Table 3 and Figure 3). Following heavy precipitation events, such as in September of 2014, groundwater levels will temporarily rise in response to the recharge from water flowing in the Silvercroft Wash, the Painted Hills Wash, and the Santa Cruz River.

The groundwater elevation contours for the second quarter 2015 event are shown on Figure 6. The contours were produced using data only from wells in which free product was not detected (no free product was detected during the fourth quarter of 2014). The contours on the east side of Silvercroft Wash indicate a flow configuration similar to that of earlier maps prepared for the Site. Flow is towards the northeast near the release area. Groundwater flow on the west side of Silvercroft Wash has consistently been towards the northwest. Historical groundwater level measurements indicate that recharge through the Silvercroft Wash continues to produce an intermittent and localized groundwater flow divide for several months after a significant precipitation event. The intermittent flow divide resulting from Silvercroft Wash recharge, combined with a less pronounced intermittent flow divide caused by recharge from Painted Hills Wash, has influenced free product and dissolved-phase COC distribution immediately down-gradient of the release area. Further evidence of this influence is shown by the persistent dissolved-phase MTBE concentrations in the vicinity of MW-21 and MW-16, which is likely due to COC mass transport being affected by the aforementioned intermittent flow divide(s).

3.3 Soil Vapor Investigation

In response to ADEQ's request (ADEQ, 2004), a soil vapor sampling investigation was conducted during March 2004. The objective of the soil vapor sampling investigation was to characterize the presence or absence of petroleum hydrocarbon soil gas contamination in the soil at the Site. Analytical results from the soil vapor survey were used to assess the potential health risk of residual concentrations of petroleum hydrocarbons beneath the Site associated with the release.

A total of 41 shallow-soil vapor sample locations were sampled throughout the Site, as proposed in the Shallow-Soil Vapor Sampling and Analysis for Silvercroft Wash Release Site, Tucson, Arizona, dated March 9, 2004 (LFR 2004o). All sample locations are shown on Figure 1 of the Analytical Results for Shallow-Soil Vapor Sampling and Results of a Human Health Risk Screen Evaluation (ARSSVS) report dated May 7, 2004 (LFR 2004aa; Appendix H). Vapor samples were collected in

accordance with ADEQ Superfund Programs Section Standard Operating Procedure No. 5 Soil Vapor Sampling for Soil Vapor Surveys (ADEQ 2005).

Soil vapor results are presented in Tables 1, 2, and 3 of the ARSSVS (Appendix H). BTEX concentrations ranged from less than 0.86 parts per billion by volume (ppbv) in sample SSG-20A to 47,000 ppbv benzene, 79,000 ppbv toluene, 3,700 ppbv ethylbenzene, 11,000 ppbv xylenes (m,p), and 5,400 ppbv xylenes (o) in sample SSG-19. Concentrations of TCE ranged from 0.80 ppbv in sample SSG-24 to 2.9 ppbv in sample SSG-38 (lab ID No. 0403418R1-08A). Concentrations of PCE ranged from 0.82 ppbv in sample SSG-9 to 70 ppbv in sample SSG-3B.

The highest concentrations of BTEX, MTBE, and TPH were detected in samples located in the immediate vicinity of the pipeline release point (samples SSG-18 and SSG-19). Low and somewhat uniform concentrations of BTEX, MTBE, and TPH were detected in samples collected from all other sample locations away from the release point with the exception of sample SSG-36. Only trace amounts of toluene, xylenes (m,p), and TPH were detected in sample SSG-36.

3.3.1 Heath Risk Assessment

A health risk assessment of the soil vapor data collected and analyzed was performed to provide information for the risk management decision process only, and did not represent actual exposure conditions, as actual exposure conditions are expected to be significantly lower than those projected by the assessment. Potential human health risk was characterized for a hypothetical residual population in two areas: the area above the immediate vicinity of the release point (source area); and the areas surrounding the release point (non-source area).

Based on the data, residual soil gas located at approximately 5 ft bgs in the non-source area is not anticipated to result in adverse health effects to the residential population. Soil gas concentrations in the source area carry a cumulative cancer risk and non-cancer hazard potential for a residential scenario directly above the source area, slightly exceeding the USEPA target risk level for a hypothetical residential population. The health risk assessment data are provided in Tables 6 and 7 of the ARSSVS (Appendix H). It should be noted that, since the original RI was submitted, the soil gas in the source area has been addressed by the Site SVE system as describe in Section 4.0. Therefore, no adverse health effects are anticipated for the source area.

At the request of ADEQ, the ADHS performed an independent study to evaluate whether soil vapors from VOCs in the subsurface near the Silver Creek Subdivision in Tucson, Arizona were present at levels that may cause adverse health effects. Following the collection and analysis of their own soil vapor data from the Site, ADHS concluded in their report that, “The predicted indoor air concentrations in Silver Creek neighborhood suggest that the subsurface contaminants pose no apparent public health hazard.” (ADHS 2005; Appendix H).

4.0 VOLUNTARY REMEDIAL ACTIVITIES

This section describes the voluntary remedial activities that SFPP has conducted or implemented at the Site.

4.1 Soil Vapor Extraction

4.1.1 Soil Vapor Extraction Pilot Test

TRC performed a soil vapor extraction pilot test (SVEPT) on December 6, 2003 in partial fulfillment of permitting requirements by the Pima County Department of Environmental Quality (PCDEQ). The SVEPT was observed by Mr. James Jones of the PCDEQ as a portion of the requirements for obtaining a general permit for additional vapor extraction. Vapor samples collected during the SVEPT were analyzed using an on-site mobile laboratory by Transwest Geochem, Inc., located in Phoenix, Arizona (LFR 2004f).

4.1.2 Soil Vapor Extraction and Treatment System

The following work was performed prior to the construction of the soil vapor extraction and treatment system (SVETS):

- Four nested SVE wells (SVE-2 through SVE-5) were installed to total depths of 120 feet bgs. All four SVE wells are screened across three zones, shallow (12 to 28 feet bgs), middle (45 to 75 feet bgs), and deep (90 to 120 feet bgs). SVE wells are shown on Figure 2, and well information is provided in Table 2.

- One nested vapor monitoring well (VMW-1) was installed to a total depth of 120 feet bgs. VMW-1 is screened across the three zones as SVE well SVE-2. VMW information is provided in Table 2.

4.1.2.1 Soil Vapor Extraction Unit One

On March 30, 2004, in accordance with Attachment B, §IV.D of the General Air Quality Control Permit for Soil Vapor Extraction Units (SVEUs), SFPP submitted the Notification of Movement of Soil Vapor Extraction Unit to Silvercroft Wash Release Site, Tucson, Arizona (hereafter referred to as the "Move Notice"; LFR 2004s). The purpose of the Move Notice was to provide PCDEQ with the information concerning the move. SVEU-1 was to operate under the General Permit and extract petroleum hydrocarbon vapors from well SVE-1 only, as analytical results of vapor samples collected from this well indicated that no chlorinated volatile organic compounds (CVOCs) were present. As explained in the Move Notice, SFPP recognized that CVOCs, specifically PCE and TCE, had been detected in soil vapor samples previously collected from other wells at the Site, including groundwater monitoring wells with total screen intervals from 130 to 170 ft bgs, and unsaturated screened intervals from 130 to approximately 140 ft bgs (i.e., groundwater table at approximately 140 ft bgs). However, well SVE-1 was specifically chosen as a candidate for vapor extraction under the general permit because no CVOCs had yet been detected in soil vapor samples collected from that well.

Vapor extraction unit SVEU-1, owned and operated by Northstar Environmental Remediation out of Mission Viejo, CA, began operation on April 15, 2004 under the general permit (General Permit Cover #31836, ADEQ Authorization to Operate #110842). Routine monitoring for CVOCs as well as for COCs was performed during the operation of SVEU-1. If CVOCs were detected during routine monitoring, SVEU-1 was to be shut down because treatment of CVOCs under a general permit is not allowed. As explained in the Move Notice, SFPP intended to submit an application for an individual permit under separate cover to allow for other SVEUs at the Site to treat incidental CVOCs during the extraction of petroleum vapors from other wells. Furthermore, it was SFPP's intent that SVEU-1 only operate on an interim basis for petroleum constituents until the full soil vapor extraction remedy for the Site was properly permitted and constructed (LFR 2005a).

Only after starting and stopping the operation and monitoring activities for SVEU-1 several times due to the presence of relatively low concentrations of CVOCs in the influent vapor stream and then conducting a site-wide vapor sampling of wells (on July 26 through 29, 2004) was it demonstrated that the presence of CVOCs at the Site was more widespread than previously estimated (Table 4). The presence of these CVOCs in the subsurface at the Site impeded operation of SVEU-1, eventually required it to be shut down (operation of SVEU-1 ceased on June 10, 2004), and limited the scope of

any future SVE to be conducted under an individual permit. Furthermore, the presence of CVOCs at the Site required a much more complex, lengthy, and costly SVE treatment system design and permitting effort for operation of SVE under an individual permit. The presence of these CVOCs in the subsurface at the Site required modifications to the previously proposed SVE portion of the remedial effort to avoid migration of higher concentrations of vapor-phase CVOCs to the Site. For these reasons, SFPP submitted a Letter Addendum to the PRWP on July 27, 2004 to modify Section 9.2 “Soil Vapor Extraction with Thermal Oxidation” of the January 23, 2004 PRWP to limit the scope of SVE. SVEU-1 operated from April 15, 2004 to June 10, 2004 and recovered approximately 23,900 pounds of petroleum hydrocarbons (equivalent to 3,824 gallons). Laboratory analytical reports for the SVEU-1 are provided in Appendix I.

4.1.2.2 Soil Vapor Extraction Treatment System (SVETS)

The new SVEU construction began in January of 2007 following completion of the structures intended to house the treatment system in December of 2006. The Certificate of Occupancy (COO) was obtained from the COT in November 2007. The SVEU System at the Site operates under PCDEQ General Air Quality Control Permit number 1673 for SVE units. The SVEU up to the inlet of the oxidizer shell consists of a moisture separation system, a particulate air filter, one positive displacement blower, and a silencer. The SVEU is powered by three-phase, 480 volt electricity. The blower, when operated at 5 inches of Mercury vacuum is designed to produce an air flow rate of 500 standard cubic feet per minute (scfm). The SVEU is only operated in conjunction with permitted air pollution control devices (APCDs). The APCDs consist of a thermal oxidizer, heat exchangers, and post-oxidizer carbon treatment system.

Site-wide soil vapor sampling was performed on April 4, 5, and 6, 2007 prior to startup and shakedown of the SVEU to establish baseline petroleum hydrocarbon concentrations in the subsurface. Samples were collected from the five SVE wells (all screened intervals [13 total samples]), one soil vapor monitoring (SVM) well, and 26 groundwater monitoring wells (Figure 2). Samples were analyzed for TPH, BTEX, MTBE, PCE, and TCE in accordance with USEPA Modified Method T0-15. SVE baseline soil vapor sample results are summarized in Table 5, and laboratory analytical reports are provided in Appendix I.

In accordance with the PCDEQ General Air Quality Control Permit, periodic PID measurements and monthly Summa® canister samples were collected from the SVETS influent and effluent as part of routine monitoring activities.

4.1.2.2.1 Hydrocarbon Mass Removal from Soil

Startup and shakedown of the SVETS occurred during May, June, and early July of 2007. The SVETS began routine operation on July 13th, 2007 and continues to be in operation. Historical data for the SVEU during operation is collected and logged by the system programmable logic controller (PLC). Collected data include process flow rate (oxidizer inlet), oxidizer process temperature, oxidizer process exit temperature, system exit temperature, system exit velocity, and approximate mass removed. System exit flow rate (scfm) and system operational time are calculated from these data.

As defined in the general permit application, laboratory analytical samples were collected from influent, post-oxidizer, mid-carbon, and effluent sample ports of the SVETS. Table 6 presents the tabulated laboratory analytical data for the vapor samples collected from those sample ports from startup through second quarter 2015. All vapor samples were submitted to Air Toxics Ltd., an ADHS-certified laboratory, located in Folsom, California, for analysis of TPH, BTEX, MTBE, PCE, and TCE in accordance with USEPA Modified Method TO-15. Laboratory analytical reports are included in Appendix I. In accordance with the CUPRWP, quarterly SVE remediation summary reports have been prepared and submitted to ADEQ as an appendix of the quarterly groundwater reports.

The SVETS was shut down from October 31, 2008, through March 8, 2009 for maintenance and to prepare for stack testing as per the PCDEQ Permit. Stack testing was performed from March 9 through 13, 2009. The stack testing analytical results were submitted to PCDEQ on April 10, 2009. The test results indicated that emission concentrations of dioxins and furans were from 1 to 2 orders of magnitude below regulatory levels; therefore, restarting the system was recommended.

According to PCDEQ, the results from the SVE stack test performed from October 31, 2008 through March 8, 2009 “successfully demonstrated that the levels of dioxins and furans generated and emitted from the SVEU are inconsequential” (PCDEQ 2009). PCDEQ subsequently approved a revision of the air quality permit in September 2009 “to eliminate the need for further EPA Method 23 sampling and to eliminate the triggers for more frequent monitoring” (PCDEQ 2009). The SVETS was restarted in May 2009 following approval from PCDEQ.

Utilization of the SVETS to extract vapors from the SVE wells within the release area continued through 2010, until the hydrocarbon concentrations of the extracted vapor decreased to levels that indicated extraction was no longer necessary. Subsequently,

MW-4 and MW-5 were connected to the SVETS to extract soil vapor from the unsaturated screen intervals of the monitoring wells in order to remediate the hydrocarbon smear zone within the vadose zone from approximately 120 feet bgs to the air-water interface near the release area. Extracting soil vapor from the smear zone in the vicinity of MW-4 and MW-5 was extremely successful in reducing hydrocarbon mass flux to groundwater, as evidenced by the rapid decline in dissolved-phase hydrocarbon concentrations in the vicinity of these wells and the release area following the start of SVE at these wells. Therefore, in the fourth quarter of 2013, wells MW-2, MW-6, MW-17, MW-18, and MW-19 were connected to the SVETS to extract soil vapor from the unsaturated screen intervals of these monitoring wells in order to expedite remediation of the free-product plume and hydrocarbon smear zone within the vadose zone in the vicinity of these wells. Since extraction of soil vapors from these wells began in December 2013, the free-product plume has rapidly decreased in size, volume and mass. During the fourth quarter of 2014, free product was not detected in any wells at the Site, and SVE at these wells continues to reduce the hydrocarbon mass flux to groundwater, as evidenced by the rapid decline in dissolved-phase hydrocarbon concentrations in the vicinity of these wells, since 2013. The SVETS continues to operate routinely with soil vapor extraction now isolated to wells MW-17 and MW-18.

Throughout the system's operation from 2007 through the second quarter of 2014, emissions from the SVETS were within specified permit requirements. Details of emissions monitoring and destruction and removal efficiency (DRE) are provided in separate reports to the PCDEQ Air Quality Division and are also included as an appendix to each quarterly groundwater monitoring report. Through fourth quarter of 2014, the SVETS has removed approximately 312,146 pounds (50,755 gallons) of hydrocarbons.

4.2 Free Product Extraction

Free product was first discovered in well MW-2 following installation on October 10, 2003. SFPP continued delineation of the PSH by installing other groundwater wells on the east side of Silvercroft Wash. Extraction of free product was first initiated on October 29, 2003 from well MW-1 (Figure 2). As the PSH was delineated, wells were added for extraction. Free product extraction from the west side of Silvercroft Wash began during the week ending February 6, 2004. Free product extraction was performed by either a hammerhead submersible pump or Blackhawk pump. The Blackhawk pumps extract virtually pure product, whereas the hammerhead pumps extract a mixture of product and entrained groundwater. The extracted free product and groundwater were stored on site in appropriate containers with secondary and tertiary containment. These liquids were then removed from the Site and appropriately stored and disposed as necessary to maintain sufficient volume

capacity in the on-site tanks. Extracted free product was transported to the Romic, Inc., facility in Chandler, Arizona. Extracted groundwater was transported to Thermo Fluids, Inc., of Phoenix, Arizona.

Product extraction halted after the second week in July 2006, due to the start of construction of the SVETS and associated buildings. No free product extraction was performed during the second quarter of 2007 as a safety measure during ongoing construction of the SVETS.

LFR submitted a letter to ADEQ VRP on February 8, 2007 notifying them of product recovery termination and changing the groundwater monitoring frequency from monthly to quarterly (LFR 2007a). The following information supports the conclusion that free product removal had reached the practicable extent:

- The cumulative total product extracted by the end of the third quarter of 2006 was approximately 48,112 gallons. The recovery curve had become asymptotic during the previous year (Figure 7).
- Product recovery rates had fallen to 10 gallons per week for the week ending July 14, 2006, from a maximum of 1,640 gallons during the week ending December 12, 2003 (Figure 8). The 10-gallon per week rate occurred using a combination of Blackhawk pumps and hand-bailing. Using either method, product that had gathered in the well was removed within minutes, and no further removal could be accomplished until product had migrated back into the well (typically over 24 hours or more). This behavior is typical of wells at residual saturation (the percentage of petroleum saturation at which petroleum will not flow into wells). Figures 7 and 8 illustrate the reduction in the extractable volume of product through time. These dramatic reductions over time result from the hydrocarbon saturation in the formation progressing toward residual saturation resulting from product removal. The asymptotic behavior of both figures illustrates that well over 99 percent of the extractable product has been removed. Additional product removal efforts would not be practicable.
- The free product plume footprint has been stable (i.e., stationary) and gradually shrinking since the installation and operation of the product recovery system throughout periods of rising and falling groundwater levels. As of early 2007, apparent product thicknesses remained similar to those measured when the product removal efforts were discontinued in July 2006, indicating that the product thicknesses were not increasing or rebounding.

LFR's letter also notified ADEQ that the groundwater sampling frequency would be changed from monthly to quarterly, as set forth in the Final Consolidated and Updated Proposed Remediation Work Plan (LFR 2005a):

> *Section 9.4 - In addition, once free product is removed to the extent practicable from the wells identified in Section 9.1, these wells will be added to the groundwater-monitoring network. SFPP proposes to conduct the groundwater sampling monthly until practicable free product recovery is complete throughout the Site, at which time SFPP will switch to quarterly groundwater sampling.*

On February 13, 2007, LFR received an email from ADEQ approving discontinuation of free product extraction and changing the groundwater sampling frequency from monthly to quarterly (Appendix F).

During the second quarter of 2015, free product was not detected in any wells at the Site. No free product has been detected in monitoring wells at the site since the second quarter of 2014.

4.3 Monitored Natural Attenuation

MNA was selected as a remedial approach for dissolved-phase hydrocarbons at the Site based on the results from previous investigations and remedial technology evaluations as stated in the CUPRWP (LFR 2005a). MNA is a remedial approach recognized by the USEPA (1999). Section 9.4 of the CUPRWP presented the remedial approach for MNA monitoring and established criteria and milestones for evaluating MNA performance.

Figure 9 illustrates the general evolution of groundwater quality as bioattenuation progresses (ITRC 2005). Bacteria will preferentially utilize electron acceptors in the general order of the energy that may be obtained. The order of terminal electron accepting processes and the associated changes in constituents are:

1. Aerobic respiration (utilization of oxygen/decrease of dissolved oxygen)
2. Denitrification (utilization of nitrate/decrease in nitrate)
3. Iron (III) reduction (increase in ferrous(II) iron)
4. Sulfate reduction (decrease in sulfate, increase in hydrogen sulfide)
5. Methanogenesis (increase in methane)

4.3.1 MNA Groundwater Monitoring

Monthly collection of ferrous iron, DO, and ORP readings in the field began in April 2005. In addition, groundwater samples were analyzed in a laboratory for nitrates, nitrites, sulfates, sulfites, methane, total iron, ferrous iron, and TDS starting in April 2005, as stated in the CUPRWP. In 2007, MNA monitoring was switched from monthly to quarterly. The MNA analytical data allow evaluation of effectiveness of the mechanisms of denitrification, sulfate reduction, and methanogenesis. Second quarter 2015 MNA analytical results are presented in Table 7, and historical MNA results are presented in Table 8.

During the second quarter 2015, negative ORP readings were measured in 7 of the 23 wells. Positive ORP readings were measured in 16 of the 23 wells. Positive ORP readings indicate an aerobic environment for electron transfer and biodegradation. Negative ORP readings indicate that attenuation by microorganisms is resulting in anaerobic conditions.

A contour plot of DO measurements from the second quarter 2015 event is shown on Figure 10. These data suggest that aerobic degradation of hydrocarbons is indicated in the vicinity of the former free product footprint and at the leading edge of the dissolved-phase MTBE plume to the north and northwest, as evidenced by the reduced DO concentrations in wells MW-16, MW-17, MW-18, MW-21, MW-24, MW-26, and MW-29S. As shown on Figures 11 and 13, nitrate and sulfate concentrations, respectively, are lower in the plume area, indicating that anaerobic degradation in the form of de-nitrification and sulfate reduction is occurring once DO concentrations in groundwater are depleted. As shown on Figures 12, wells in the northern part of the study area exhibit the highest TDS concentrations, supporting the interpretation of landfill impacts to groundwater in this vicinity.

5.0 DATA QUALITY ASSESSMENT

Data quality was assessed in accordance with the procedures outlined in the QAPP (LFR 2003o).

5.1 QA/QC Techniques

QA/QC techniques are detailed in the QAPP. QA/QC included procedures and protocols to ensure that technical data generated during the investigative and remedial activities for the Silvercroft Wash Release Site are accurate, precise, complete, and represent actual field conditions. QA is defined as an integrated

program designed to ensure reliability of monitoring and measurement data. QC is defined as the routine application of procedures for obtaining prescribed performance standards for monitoring and measuring.

QA/QC techniques for sampling include adherence to the procedures outlined in USEPA-approved methodologies, ADEQ Sampling and Guidance Documents, and the project FSP. These procedures apply to soil and groundwater sampling and decontamination procedures, sample numbering, sample handling, and sample documentation.

QC measures were implemented to ensure the accuracy and representativeness of field and analytical data. Such QC measures implemented at the Site included the collection of field quality control samples (field blanks, trip blanks, and field duplicates). The frequency of the collection of these quality control samples was outlined in the QAPP. In addition, performance evaluation samples were submitted to the laboratory to check laboratory QC. The contracted laboratory was required to follow a strict QC program, which included the analysis of blank spikes, laboratory control samples, method blanks, surrogates, matrix spike/matrix spike duplicates, internal standards, duplicate sample analysis, and known value check analysis.

Field equipment was required to be calibrated at the beginning of each field effort and at prescribed intervals (usually every day) and recorded on field sheets or in a field log book. Field measurements, such as water levels, purge parameters, and organic vapor analysis, were recorded in the field book or on daily log sheets.

Field and laboratory activities were evaluated by QA assessment/oversight, which included field audits and corrective action procedures. A field audit involved a site visit by the auditor (e.g., Project Manager, Project Director, ADEQ personnel, or outside contractor) to the field site where field activities are being conducted. Items to be examined included the availability and implementation of approved work procedures; calibration and operation of equipment; the packing, storage, and shipping of samples; documentation of procedures and instructions; and non-conformance documentation.

Two corrective actions, immediate and long-term, were used to minimize the possibility of questionable data or documentation as part of an effective QA program. Immediate corrections include the correction of documentation deficiencies or errors, the repair of inaccurate instrumentation, or the correction of inadequate procedures. Often, the source of the problem is obvious and can be corrected at the time of

observation. Long-term corrective actions are designed to eliminate the sources of problems. Long-term corrective actions may include correction of systematic errors in sampling or analysis, or correction of procedures producing questionable results. Corrections can be made through additional personnel training, instrument replacement, and/or procedural improvements.

All QA problems and corrective actions were documented to provide a complete record of QA activities and help identify needed long-term corrective actions. The corrective action procedures to be followed in the field and laboratory are described in Section 3.1.2.1 of the QAPP.

5.2 Data Validation

Data validation procedures include reviewing, accepting, rejecting, or qualifying data per specified criteria. Data were thoroughly reviewed in accordance with the QA/QC program detailed in the QAPP (LFR 2003o). Procedures used to validate laboratory analytical data followed the "Laboratory Documentation Requirements for Data Validation" (USEPA 2001) and "Laboratory Data Validation Functional Guidelines for Evaluating Organics Analysis" (USEPA 2004). Review of the laboratory deliverables consisted of a completeness check, data verification, and data validation.

When the data were received from the laboratory, a completeness check was performed on 100 percent of the data (see Section 4.2.5.1 of the QAPP). The cursory review consisted of a check with the chain-of-custody form to see that all samples were received and reported, that the analyses requested were performed, and that the results appear to be in the format requested for submittal to ADEQ. Laboratory data collected to characterize waste for disposal purposes were not reviewed by a QA Officer, as discussed in the project QAPP.

Following the completeness check, the data were entered into a preliminary electronic database. Data verification included an evaluation of data provided on the laboratory's typewritten report. Data validation consisted of a review of sample and QC results and the accompanying raw data. Data verification and data validation procedures are described fully in the QAPP.

6.0 NATURE AND EXTENT OF CONTAMINATION

This section discusses the laboratory analytical results for soil, soil vapor, and groundwater samples associated with the investigations as described in Section 2, and

the RI activities as described in Section 3. As presented in Section 1.1 of this report, the COCs consist of the following compounds: BTEX, MTBE, PCE, and TCE. The data for each medium will be compared to the following, in accordance with the criteria outlined in the CUPRWP:

- Soil – ADEQ SRLs for residential or non-residential standards and ADEQ GPLs
- Groundwater – ADEQ AWQS and ADEQ UST Program Interim Policy

6.1 Soil

As described in Section 2, a number of investigations have been conducted at the Site which included soil and/or sediment sampling. These investigations have resulted in the removal of petroleum-impacted soil and a number of organic compounds being detected in soils at depths below the excavations at the Site (see Appendix B, NFA report). Copies of the laboratory analytical data reports are included in Appendix D of the NFA report (Appendix B). Soil investigation resulted in excavation and removal of soil down to approximately 10 feet bgs and soil sampling down to groundwater, which are described in the subsections below.

6.1.1 Shallow Soil

During the period between July 31, 2003 and December 2003, excavation activities and shallow soil sampling were conducted in the following areas:

<u>EXCAVATION AREAS</u>

- In Silvercroft Wash
- In the storm-water channel between lots 352 and 353
- Along the Southwest Gas (natural gas) pipeline right-of-way
- Along the access road that runs along the top of the eastern side of Silvercroft Wash
- Along the curbs at the intersection directly east of the storm-water channel (adjoining lots 321 and 328)
- Around sanitary sewer manhole #3

- Along the northeast curb of intersection of Silver Island Way and Silver Meadow Place
- Adjacent to the western end of the storm drain channel

The water line junction valve in the intersection directly east of the storm-water channel was replaced, and a temporary water line was installed.

SHALLOW SOIL SAMPLING AREAS

- Underneath former location of excavated soil stockpile
- In and near Silvercroft Wash
- Near housing foundations
- Lots 321, 328, 350, and 351
- Northern edge of lot 352, along the storm drain channel
- Lots 352, 353, 354, 355, and 356
- Adjacent to or on lot 353 along the storm drain channel and Silver Island Way

Approximately 4,046 tons of surface and near surface petroleum-impacted soils from the release were excavated, transported, and disposed of offsite. A total of 274 soil samples were collected and analyzed within 10 feet of the surface to confirm that the excavations were successful in removing the petroleum-impacted soil to below applicable ADEQ SRLs and GPLs. Of the 274 samples representative of soil remaining in place, all 274 samples indicated either no detectable concentrations of BTEX, MTBE, and TPH (C_{10}-C_{32}), or detections that are one to four orders of magnitude lower than the SRLs and GPLs. One soil sample collected during excavation activities in the subdivision that exceeded the SRL and GPL for benzene was from an area that was subsequently excavated and backfilled with clean fill.

Based on the data obtained during several stages of investigation at the facility, concentrations of petroleum-impacted soil are not anticipated to have an adverse impact on human health or the environment, and the residual concentrations of contaminants in soil for the Site were addressed in the ARSSVS report dated May 7, 2004 (LFR 2004aa). If residual petroleum-impacted soil remains in the subsurface after the 2003 excavation efforts, the SVE system that was installed and began

operations on July 13, 2007 was anticipated to remediate the soils to concentrations below the applicable regulatory standards.

6.1.2 Deep Soil

Soil samples collected from 10 feet bgs or deeper were considered “deep soil” for purposes of characterization of the Site.

6.1.2.1 East of Silvercroft Wash

Through December 2003, 51 soil borings were advanced and 16 groundwater monitoring wells were installed at the Site. Twenty-six of the soil borings penetrated to depths less than 10 feet bgs, and 25 soil borings were advanced to depths greater than 10 feet bgs. Specifications on the borings to depths greater than 10 feet bgs are summarized in Table 9 of the NFA (Appendix B).

A total of 172 soil samples were collected at depths greater than 10 feet bgs from the 25 deep soil borings (Table 4 of the SCR). Soil analytical results for borings L352 and L353 are summarized in Table 8 of the NFA. Samples from the RP and monitoring well borings are summarized in Table 4 of the SCR. Analytical results from the borings deeper than 10 feet bgs indicate the following:

- BTEX and MTBE analytical results for the L352 and L353 samples, and for wells MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, and MW-16 were either lower than their respective laboratory reporting limits or lower than their respective SRLs and GPLs for soil samples extending from the ground surface to groundwater.
- Borings adjacent to the release point (RP, RP-2, and RP-4) exhibited BTEX and TPH (C_{10}-C_{32}) concentrations exceeding their respective SRLs and GPLs, and MTBE exceeding the SRL, in some samples from below the release point excavation at 15 feet bgs (the base of the release point excavation was 10 feet) to groundwater. The SVE system that was installed and began operations on July 13, 2007 was anticipated to remediate the soils to concentrations below the applicable regulatory standards.
- Boring RP-3 (MW-2), located approximately 40 feet northwest of the release point, yielded only one sample with a benzene value slightly exceeding the GPL (75 feet). Borings MW-3 and MW-4, located approximately 43 feet and 54 feet from the release point, respectively, yielded no samples exceeding the SRLs and GPLs for BTEX and MTBE. These results indicate that the lateral

radius of the vertical cylindrical "column" of impacted soil below the release point excavation is limited to approximately 40 to 50 feet from the release point. The SVE system that was installed and began operations on July 13, 2007 was anticipated to remediate the soils to concentrations below the applicable regulatory standards.

- COC concentrations from all 140 soil samples collected from below 10 feet bgs from borings located away from the impacted column of soil beneath the release point were lower than their respective laboratory reporting limits or their respective SRLs and GPLs.
- Although analytical results for soil samples collected from borings advanced on lots 352 and 353 indicate COC concentrations lower than SRLs and GPLs, the approximate 40-foot radius of the column of affected soil suggests that affected soil likely extends in the subsurface at depths greater than 10 feet bgs below the northwestern corner of lot 352, the southwestern corner of lot 353, and the western end of the storm drain channel. The SVE system that was installed and began operations on July 13, 2007 was anticipated to remediate the soils to concentrations below the applicable regulatory standards.

6.1.2.2 West of Silvercroft Wash

From January 2004 to March 2004, ten additional groundwater monitoring wells (MW-17 through MW-26) were drilled and installed on the west side of Silvercroft Wash (Figure 2). Soil samples were collected at 20-foot intervals during installation of each well. All samples were submitted to an Arizona-certified laboratory for analysis for VOCs in accordance with USEPA Method 8260 and TPH in accordance with USEPA Method 8015M.

Analytical results indicated no detectable concentration of BTEX and MTBE for any of the collected soil samples. TPH was detected in the 100- and 120-foot samples in well MW-20 at concentrations of 320 and 230 parts per million (ppm), respectively. TPH was not detected in any other samples from the borings drilled on the west side of the wash. Analytical results are summarized in Table 4 of the SCR, and copies of the analytical data reports (as available) are presented in Appendix C of the SCR.

6.2 Groundwater

Groundwater surrounding the release area and Site has been extensively investigated as part of the VRP. Data collected from the monitoring well network (monthly and

quarterly) have been used to characterize the groundwater quality at the Site. During the VRP, BTEX and MTBE contaminants were detected in groundwater at concentrations higher than their respected MRLs. These compounds, which comprise the groundwater COCs for the Site, are presented in Table 1.

6.2.1 Groundwater Sampling

Groundwater sampling was conducted monthly at the Site beginning in October 2003, and quarterly starting in January 2007. Monitoring wells MW-1 through MW-16 were installed in October and November, 2003; and monitoring wells MW-17 through MW-26 were installed in January, February, and March 2004. Groundwater samples were collected from these wells monthly until December 2006 unless the wells contained free product. Beginning in January 2007, groundwater samples were collected quarterly from wells MW-1 through MW-26 unless the wells contained free product. Monitoring wells MW-27 through MW-30 were installed by mid-December 2013 and are also sampled quarterly. Further discussion of the groundwater sampling is included in Section 2.3.7. Additionally, the wells and their sampling dates can be found in Table 1.

As discussed in Sections 2.3.7 and 3.1.2, 3.1.3, and 3.1.4, all sampling was conducted in accordance with requirements for groundwater sampling as outlined in the QAPP, the SARP, and the APRWP (LFR 2003a, 2004f, and 2003b). All samples were submitted to an Arizona-certified laboratory for analysis of VOCs in accordance with USEPA Method 8260 and PAHs in accordance with USEPA Method 8310. ARCADIS also collected sample bottles for laboratory analysis of the following monitored natural attenuation (MNA) parameters: total iron, nitrate, nitrite, sulfate, TDS, and methane. Copies of the analytical data reports (as available) are presented in Appendix J.

As of the fourth quarter of 2014, the following upgradient wells have been removed from the monitoring schedule: MW-3, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-15, and MW-23. ARCADIS requested removal of these wells based on several years of analytical results lower than laboratory reporting limits or Arizona AWQS, and ADEQ approved the request in an email dated September 26, 2014 (Appendix K).

6.2.2 Groundwater Monitoring Wells

Based on data from groundwater sampling, the existing groundwater monitoring well network was supplemented with existing wells associated with the Silverbell Landfill WQARF Site (Figure 2). Data were collected from the expanded groundwater

monitoring network quarterly by the COT. All Silverbell Landfill WQARF Site laboratory analytical data were provided to SFPP and are summarized in Table 1. A summary of the groundwater contaminant distribution and trends for key contaminants are described in the section below. The groundwater contaminant distribution discussion is focused on the most current data (second quarter 2015).

6.2.3 Groundwater Analytical Results

Analytical results for the sampled SFPP wells were either non-detect or below aquifer water quality standards (AWQS) for BTEX, with the exception of the following: benzene was detected in well MW-16 at a concentration of 60 micrograms per liter (µg/L) and in well MW-18 at a concentration of 110 µg/L, which are above the AWQS of 5 µg/L for benzene. COT well R-067A exhibited a concentration of 5.1 µg/L for benzene. Benzene was the only petroleum hydrocarbon constituent that exceeded the AWQS in the COT samples. The plume of dissolved-phase BTEX above AWQS remains delineated to the south, southwest, east, and north as indicated by results for wells MW-01, MW-02, MW-04, MW-05, MW-06, MW-14, MW-17, MW-20, MW-21, MW-22, MW-25, MW-26, MW-29S, MW-30, and COT-ES wells R-122A, WR-430A, WR-359A, and WR-242A. Analytical data for the second quarter 2015 are summarized in Table 9, and the benzene isocontour concentration is shown on Figure 6.

There is no AWQS or Maximum Contaminant Level (MCL) for MTBE. The ADEQ UST Program Interim Policy for MTBE in groundwater set forth a threshold for delineation of dissolved-phase MTBE of 20 µg/L. As explained in Section 9.3 of the CUPRWP (LFR 2005a), the mechanism of groundwater flushing due to heavy winter precipitation would be expected to seasonally elevate MTBE concentrations in downgradient wells, with seasonal decreases expected through the summer and fall. Thus, according to the ADEQ-approved CUPRWP, MTBE concentrations in a delineation well must persist above the 20 µg/L level for four consecutive quarters before additional downgradient delineation wells need to be considered. As stated in the CUPRWP, in the event that the above processes result in increases in dissolved-phase concentrations higher than delineation levels in SFPP downgradient wells, SFPP will first coordinate with the COT and/or other well owners to sample wells further downgradient of the point of release. The target MTBE cleanup level agreed upon by ADEQ and SFPP was the 94 µg/L ADEQ Tier 1 value (LFR 2005a).

MTBE was detected above the 20 µg/L level in SFPP wells MW-16 (160 µg/L), MW-17 (20,000 µg/L), MW-18 (6,500 µg/L), MW-19 (150 µg/L), MW-21 (6,600 µg/L), MW-24 (120 µg/L), MW-26 (810 µg/L), MW-29S (4,700 µg/L), and MW-30 (40 µg/L). MTBE was detected above the 20 µg/L level in COT wells R-067A (24,000 µg/L), WR-359A (110,000

µg/L), WR-430A (26,000 µg/L), WR-464A (430 µg/L), and WR-467A (870 µg/L). Analytical data for the second quarter 2015 are summarized in Table 9, and the MTBE isocontour concentration is shown on Figure 6.

Tert-butyl alcohol (TBA) was detected in SFPP wells MW-02 (9.9 µg/L), MW-16 (750 µg/L), MW-17 (10,000 µg/L), MW-18 (5,400 µg/L), MW-21 (14,000 µg/L), MW-24 (930 µg/L), MW-26 (6,400 µg/L), and MW-30 (5,200 µg/L). TBA was detected above laboratory reporting limits in COT wells R-067A (89 µg/L), WR-359A (2,800 µg/L), WR-430A (870 µg/L), and WR-467A (56 µg/L). There is no AWQS established for TBA.

During the second quarter of 2015, tetrachloroethene (PCE) concentrations were detected above the AWQS of 5 µg/L in COT-ES wells A-039A (21 µg/L), R-067A (9.7 µg/L), WR-242A (16 µg/L), and WR-430A (8.1 µg/L). PCE was not detected in any SFPP well above the AWQS this quarter. Trichloroethylene (TCE) was not detected above the AWQS value of 5 µg/L in the SFPP wells or COT-ES wells during the second quarter of 2015. The PCE and TCE are likely from one or more landfills in the vicinity. The SFPP pipelines carry fuels only; therefore, the pipeline release could not have been a source of PCE or TCE.

SFPP has been including dichlorodifluoromethane and cis-1,2-dichloroethene (cis-1,2-DCE) groundwater analytical results (Table 2) to assist COT and ADEQ with their evaluation of nearby landfill source(s) of CVOCs. During the second quarter of 2015, dichlorodifluoromethane and cis-1,2-DCE were not detected in the groundwater samples above laboratory reporting limits from the SFPP wells. Cis-1,2-DCE was detected in only one COT-ES well, R-122A (0.27 µg/L), during the second quarter of 2015. Dichlorodifluoromethane was detected in COT-ES wells A-039A (0.44 µg/L), R-067A (1.1 µg/L), R-122A (0.76 µg/L), WR-430A (1.3 µg/L), and WR-359A (0.28 µg/L).

Since initiation of the groundwater sampling in 2003, COCs detected at concentrations higher than MRLs in groundwater samples include BTEX, MTBE, PCE, and TCE. A summary of the analytical results for the COCs in groundwater is presented in Table 1. Laboratory analytical reports, as available, are presented in Appendix J. Groundwater flow direction and gradient (as of the second quarter 2015) are depicted on Figure 6.

6.2.4 Hydrographs

Hydrographs and concentration curves for benzene and MTBE were created for monitor wells MW-03, MW-16, and MW-26 and are presented in Appendix L as discussed in Section 3.2.2. Water level elevations show a generally decreasing trend in all three wells, with water levels dropping approximately 15 feet from late 2003 to the

fourth quarter of 2014. Benzene and MTBE concentrations show increasing concentrations and eventual peaks at later times with increasing distances from the release point, subsequently followed by decreased concentrations resulting from active remediation efforts (free product removal and vapor extraction) and natural attenuation. Concentration and mass trends through time are detailed in Section 7.0, Fate and Transport.

6.3 Free Product Measurements

Table 3 contains apparent free product thickness measurements from wells during the second quarter of 2015. Free product thickness measurements up to the second quarter of 2015 are presented in Appendix G. Figures 4 and 5 illustrate the apparent free product thicknesses versus time on the east and west sides of Silvercroft Wash, respectively. Both figures indicate that substantial reductions in apparent free product thicknesses have been achieved. No measureable free product was found in any wells during monthly gauging events since the second quarter of 2014. Figures 4 and 5 also illustrate fluctuating apparent product thicknesses in individual wells as residual saturation is approached. These fluctuations are likely due to changes in groundwater elevation resulting from precipitation events and subtle variations in lithology in which the product resides as groundwater levels decrease or increase.

7.0 FATE AND TRANSPORT

This section describes the mechanisms involved in the fate and transport of groundwater contaminants at the Silvercroft Wash Release Site. The COCs at the Site are VOCs, primarily benzene and MTBE. Transport of VOCs is controlled by several different mechanisms, including the type of subsurface medium and geochemical conditions in the material through which the compounds are migrating. Physical and chemical transformations of the contaminants can also affect their fate and transport. The following sections discuss the fate and transport of benzene and MTBE in groundwater.

7.1 MTBE

The evolution of the MTBE plume is illustrated on Figure 14. Each successive picture presents the fourth quarter plume footprint and concentration contours from 2003 through 2014. Each color band indicates an order of magnitude increase in concentration. It is apparent that the plume increased in size progressively from 2003 through 2009. Since 2009, the plume footprint has remained relatively stable, and the mass has actually decreased, as indicated by the shrinking area depicted in red, which

represents concentrations higher than 100,000 µg/L. Mass calculations indicate that this band contains more than 90 percent of the MTBE mass within the dissolved-phase plume.

Figure 15 illustrates the dissolved-phase MTBE mass through time. The mass was calculated using the monthly and quarterly MTBE groundwater monitoring results, then kriging mass values of the plume at 2-week intervals using the Mining Visualization System (MVS) software by C TECH Development Corporation. The mass was calculated at 2-week intervals between the monitoring events to smooth the curve of the mass. The mass was calculated by multiplying the two-dimensional (2D) plume generated from the well data times a thickness of 10 feet. The mass should be considered relative rather than absolute, as the actual thickness of the dissolved-phase plume is not well constrained. The estimated thickness of 10 feet was selected as follows: using the horizontal to vertical anisotropy ratios of 1/100 from the COT RI would yield an impacted thickness of approximately 16 feet. Because the 16-foot depth would reflect the depth at which concentrations would approach 0, using the concentration observed in the well to a depth of 10 feet is a valid figure.

Figure 15 shows that the dissolved-phase MTBE mass was relatively stable until the second quarter of 2006, when it started increasing steadily. From the second quarter of 2007 through the second quarter of 2008, the dissolved-phase MTBE mass increased more quickly. The plume mass decreased significantly from the second quarter of 2008 to the fourth quarter of 2008 due to the extremely heavy precipitation events that caused bank-to-bank flow in the Santa Cruz River in August of 2008. This resulted in significant dilution of the plume and a reduction of mass by a factor of approximately 2. ADEQ noted in specific comment 2 of their March 25, 2015 letter that infiltration from heavy precipitation does not physically remove or transform contaminant mass in the subsurface. However, stormwater infiltration does provide high levels of dissolved oxygen (DO) to the aquifer, which enhances natural attenuation of gasoline constituents in groundwater as time passes. As the groundwater table subsides after a large recharge event, the mass tends to rebound, as indicated by the mass increasing until the second quarter of 2009. Then, in response to degradation resulting from increased DO, mass decreased relatively steadily through the fourth quarter of 2010. The mass increased through the second quarter 2011, and has since decreased back to levels indicated in late 2007. This line of evidence suggests that the plume has stabilized, with the mass loading approximately equal to the attenuation rate on the downgradient edge of the plume.

Figure 17 illustrates the surface area of each concentration band of MTBE shown on Figure 14 through time. For each band, the individual data points are the area in acres of the area calculated at 2-week intervals interpolated at and between the monthly and quarterly sampling data from third quarter 2003 through fourth quarter 2014. The following observations are indicated on Figure 17:

- The area of the 100,000 to 1,000,000 parts per billion (ppb) band was negligible from third quarter 2003 to second quarter 2006. From second quarter 2006 through second quarter 2008, the area increased steadily and rapidly, consistent with the increased mass loading discussed previously. The surface area of this band fluctuated but remained relatively steady until 2012,when it declined significantly to as little as 0 acres. The surface area of this band has remained at approximately 0 acres in the latter half of 2014.
- Although the area of the 100,000 to 1,000,000 ppb band is much smaller than the other bands, approximately 80 to 90 percent of the dissolved-phase mass is within this band. Therefore, the substantial reduction of area of this band is consistent with the reduction of mass of the total MTBE plume illustrated on Figure 15. The shape of the 100,000 to 1,000,000 ppb band shown on Figure 17 is strongly correlated to the shape of the total mass of MTBE plotted on Figure 15. This further demonstrates that the area of the band of highest concentration is the most important indicator of whether the plume is attenuating, rather than the footprint of the lowest concentration band area.
- The lower concentration bands developed earlier than the higher concentration bands, reflecting the early stage of plume evolution when dissolved-phase concentrations were increasing. Since mid-2008, the higher concentration band areas have been decreasing earlier than the lower concentration bands, reflecting the middle stage of plume evolution when the mass loading of the plume near the source area has decreased and the attenuation of the plume is evident. By fourth quarter 2014, the higher concentration bands have decreased or are stable, with only the two lowest concentration bands (20 to 100 and 100 to 1,000 µg/l) increasing in area. The reduction of the mass shown on Figure 15 indicates that natural attenuation is occurring, even as the areas of the lowest bands are continuing to increase.
- Figure 16 shows the center of mass of MTBE in groundwater from 2003 through 2014. This diagram was generated using MVS to calculate the center of mass of the MTBE plume footprint for each quarterly event. The progression of the center of mass shows movement to the northwest from fourth quarter 2003 to first quarter 2004. From first quarter 2004 to second

quarter 2005, the plume center of mass migrated randomly to the east and then back to approximately the same location. The mass center then advanced to the northwest until third quarter 2007. Then the center migrated westerly until fourth quarter 2008, when it advanced to the northwest until it reached its maximum progression to the northwest by third quarter 2010. From the third quarter 2010, the center of mass retreated to the location shown at second quarter 2013. Note that the center of mass location in second quarter 2014 is approximately the same as it was for second quarter 2010. The center of mass did progress downgradient in fourth quarter 2014. The wandering of the center of mass in 2014 is consistent with the general principle that plumes migrate downgradient until they reach a point where the mass loading is approximately equal to the rate of attenuation on the front edge of the plume. The dissolved-phase mass loading has been decreased by the removal of the free product (see Section 4.2) and the operation of the SVE system (see Section 4.1). The free product removal effort removed approximately 48,112 gallons of fuel, and the SVE system had removed approximately 50,755 gallons of fuel as of the end of the fourth quarter 2014.

7.2 Benzene

The evolution of the benzene plume is illustrated on Figure 18. Each successive picture presents the fourth quarter plume footprint and concentration contours from 2003 through 2014. Each color band indicates an order of magnitude increase in concentration. As the mass of benzene is integral to the evaluation of the footprint of the plume, the discussion of the mass within the plume follows in conjunction with the explanation of the plume footprint through time.

Figure 19 shows the dissolved-phase benzene mass through time. Each data point represents the mass calculated at 2-week intervals within the 10-foot impacted aquifer thickness, consistent with the methodology used for the MTBE mass analysis. Thus, the mass shown on Figure 19 is approximate, as the thickness of the dissolved-phase benzene plume is not well constrained. Use of a different thickness of the aquifer in the calculation would change the mass number; however, the shape of the curve would remain the same, as the difference would be a constant.

The monthly and quarterly sampling events are represented on Figure 19, with kriged 2-week intervals included to assist with trend analysis. The benzene mass began increasing rapidly in the second quarter of 2007 and increased until approximately the fourth quarter of 2008. This is shown also by the plumes on Figure18. The benzene

mass continued increasing even after the free product removal had ceased in February 2007, as the mass reflected benzene concentrations that had dissolved in groundwater years before and migrated downgradient from the source area. The benzene concentrations then decreased dramatically and continued decreasing through fourth quarter of 2014. The total mass of the plume has decreased as evidenced by the color bands shown on Figure 18, and the footprints have decreased as well. As the color bands are log intervals, with each color band indicating an increase of a factor of 10, a decrease of two color bands at a given location indicates decreasing concentrations of two orders of magnitude, which in turn results in mass reductions of two orders of magnitude. Thus, as can be seen on Figure 18, the brown color band indicating benzene concentrations higher than 10,000 ppb shrank dramatically through 2009, and then disappeared completely after 2010. Note that the yellow band then decreases in area significantly by the fourth quarter 2011 event. Figures 18 and 19 indicate that, in fourth quarter 2014, the dissolved-phase benzene mass is approximately three orders of magnitude smaller than the benzene mass at its peak in fourth quarter of 2008.

7.3 MTBE and TBA

TBA is a byproduct of the anaerobic microbial reduction of MTBE, and is a key marker for evidence of MTBE degradation. TBA has been monitored at the Site since the second quarter of 2010. In general, observed MTBE concentrations in a well will increase through time, achieve a peak, then decrease as the plume migrates downgradient and/or attenuates in place. TBA concentrations will display similar behavior but lag the MTBE curve, because the TBA is generated by the anaerobic reduction of MTBE. When the dissolved-phase MTBE plume is stable, plots of MTBE and TBA can be used to demonstrate the anaerobic degradation of the MTBE in place. When the dissolved-phase MTBE plume is mobile, plots of MTBE and TBA can be used to demonstrate changes in peak concentrations from an up-gradient well to a down-gradient well to demonstrate the anaerobic degradation of the MTBE as the plume migrates. Plots of MTBE and TBA vs. time in all wells are included in Appendix M. Plots of MTBE and TBA vs. time for wells MW-24 and MW-26 are shown on Figures 20 and 21, respectively. These plots illustrate the lagging TBA trend relative to the MTBE curve described above, and demonstrate that significant anaerobic degradation of the MTBE is occurring as the MTBE and TBA plumes pass through and/or attenuate in place.

7.4 Summary of Contaminant Fate and Transport Evaluation

In summary, the aerial footprint and mass analyses of the dissolved-phase MTBE and benzene plumes indicate the following:

- The dissolved-phase MTBE plume mass has continued to decrease since 2008, and the areas of higher concentration bands have been decreasing as well. These lines of evidence indicate that the MTBE plume is attenuating, even though the footprint of the plume containing concentrations higher than 20 ppb is not yet shrinking.
- The reduction of the MTBE plume mass is consistent with the evolution of the plume growing after the initial release, yet attenuating as it migrates downgradient. Remedial actions including free product removal from 2003 through 2007, vapor extraction performed from 2003 through 2004, and then from 2005 through the present, have greatly decreased the mass loading rate to the groundwater.
- Benzene attenuation is known to take place more rapidly than MTBE attenuation, and the evaluation of the dissolved-phase benzene mass through time indicates that the majority of the benzene mass has already attenuated.

8.0 BASELINE HUMAN HEALTH RISK ASSESSMENT

This section addresses conceptual exposure pathways, summarizes results of previous risk assessments using soil vapor surveys by LFR and ADHS, and presents a risk assessment for the groundwater pathway.

8.1 Conceptual Exposure Pathways

According to the ADHS (2005), five elements are considered in the evaluation of exposure pathways:

- A source of contamination
- Transport trough an environmental medium
- A point of exposure
- Exposure route
- A receptor population

ADHS categorizes an exposure pathway either as "completed" or as a "potential" exposure pathway if the pathway cannot be eliminated. In completed exposure pathways, all five elements exist, and exposure to a contaminant has occurred in the past, is presently occurring, or will occur in the future. In potential exposure pathways, at least one of the five elements is missing but could exist. Potential pathways indicate that exposure to a contaminant could have occurred in the past or may occur in the future. A potential exposure pathway may be eliminated if one of the five elements is missing and is unlikely ever to be present (ADHS 2005).

Given that the surficial impacted soils were remediated (Section 2.3), there are no exposure pathways for dermal contact with, or ingestion of, impacted soil. The potential pathways for evaluation include vapor intrusion and groundwater ingestion.

8.2 Soil Vapor Human Health Risk Assessments

As described in Section 3.3, LFR performed a soil vapor survey in March 2004 (LFR 2004o). LFR performed a Human Health Risk Screen Evaluation using the soil vapor data (LFR 2004aa, Appendix H). Potential human health risk was characterized for a hypothetical residual population in two areas: the area above the immediate vicinity of the release point (source area); and the areas surrounding the release point (non-source area). Based on the data, residual soil gas located at approximately 5 feet bgs in the non-source area was not anticipated to result in adverse health effects to the residential population.

At the request of ADEQ, the ADHS performed an independent study to evaluate whether soil vapors from VOCs in the subsurface near the Silver Creek Subdivision in Tucson, Arizona were present at levels that may cause adverse health effects. ADHS concluded that, “The predicted indoor air concentrations in Silver Creek neighborhood suggest that the subsurface contaminants pose no apparent public health hazard.” (ADHS 2005; Appendix H).

Based on the LFR and ADHS studies, the vapor intrusion pathway for hydrocarbons from the pipeline release is not complete. The groundwater ingestion pathway is addressed below.

8.3 Groundwater Pathway Human Health Risk Assessment

This section presents the baseline Human Health Risk Assessment (HHRA) for the groundwater pathway from the Site (see Figure 2). The purpose of the HHRA is to

evaluate the potential current and future risks and hazards to human health associated with MTBE, TBA, and TAME detected in groundwater.

Because there are currently no drinking water wells or irrigation wells located within 0.5 miles of the Site, there are currently no points of exposure to the COCs in groundwater. Therefore, the groundwater ingestion pathway for hydrocarbons from the pipeline release is not complete, and there is currently no risk of human exposure. However, the following assessment considers the potential human health risks associated with remediation wells that the COT has proposed to be placed down-gradient from the Site.

The location of the Site release and the current interpreted extent of petroleum-affected groundwater associated with the release are shown on Figure 6. The Silverbell Landfill, composed of two inactive and covered landfill cells, is located along the west bank of the Santa Cruz River and downgradient (north to northwest) from the Silvercroft Release Site (Figure 2). Investigation of groundwater in the vicinity of the Silverbell Landfill has revealed the presence of VOCs, including PCE in groundwater at concentrations that exceed AWQS (Clear Creek Associates 2011).

8.3.1 Initial COT Remedial Action Plan (October 2011)

The COT (owner of the Silverbell Landfill) proposed a Remedial Action Plan (RAP; Remedial Action Plan Implementation, Updated Modeling Study for Phase I Implementation Alternatives, Silverbell Landfill WQARF Site, Tucson, Arizona dated October 3, 2011) to address VOC-affected groundwater that includes installation and operation of at least two groundwater extraction wells to be located downgradient of the Silvercroft Release Site. The RAP included plans to treat the extracted groundwater using air-stripping technology and injection of the treated groundwater at locations further to the northwest. The COT has expressed concern regarding the potential for the proposed groundwater extraction wells to capture petroleum-affected groundwater associated with the Silvercroft Release Site. SFPP completed an evaluation of potential impacts to groundwater that might be expected if MTBE-affected groundwater is captured by the COT extraction wells as part of implementation of the COT remedy for the Silverbell Landfill.

8.3.2 Updated COT Model and Remedial Design Modifications

At the meeting held at ADEQ on June 6, 2015, Arcadis and KM were notified that COT had revised their remedy to consist of discharging treated groundwater to the Sweetwater Recharge Facility (SRF), rather than reinject it into the aquifer. The COT

indicated they are under permitted mandate to meet potable water standards in ground water beneath the SRF. Therefore, the SRF is considered a downgradient potable receptor; and as such, MTBE concentrations in water sent to SRF should be 13 µg/L or less.

In the interim period since the submittal of the February 6, 2015 RI, ARCADIS was notified of updates to the groundwater model by Clear Creek using revised groundwater extraction well locations, and evaluation of TBA concentrations in addition to MTBE (Clear Creek, 2012). In addition, Arcadis received a technical memorandum of recommended conceptual design modifications to the Silverbell Landfill WQARF site pump and treat system (SCS Engineers, 2012). These documents and the current state of COT plans were discussed at a meeting held at ADEQ on June 6, 2015. Representatives from COT ENV, COT Water, ADEQ, KM, and Arcadis attended the meeting. This section addresses the impacts of the Clear Creek model revisions, the SCS Engineers recommendations, and the June 6, 2015 meeting action items on the MTBE, TBA, and TAME concentrations resulting from the SFPP Silvercroft release.

The locations of the relocated proposed extraction wells (EXT-N and EXT-S) are shown on Figure 22. Also shown on Figure 22 is the interpreted extent of MTBE-affected groundwater associated with the Silvercroft Release Site in the fourth quarter of 2014.

8.3.3 Discussion of the Clear Creek MTBE and TBA Modeling in Light of Three Additional Years of Monitoring Data.

The most recent modeling by Clear Creek on behalf of COT was performed in 2012. Parameters used in the 2012 model and conclusions are excerpted below:

- *Simulated plume bounded approximately by WR-242A (downgradient) and MW-15 (upgradient); maximum concentration of 200,000 µg/L around Kinder- Morgan monitoring well MW-26. Data sources: City of Tucson (2012a); City of Tucson (2012b); Arcadis (2012).*
- *The contaminant fate and transport model described above demonstrates the potential for MTBE and TBA in groundwater impacted by the Kinder-Morgan pipeline rupture to reach extraction wells that the City of Tucson is planning to install to pump and treat groundwater at the Silverbell Landfill WQARF site. The maximum concentrations of these contaminants when they reach the extraction wells is not known at this time. However, based on reasonable*

assumptions and decay constants of 0.0011 per day for MTBE and 0.0005 per day for TBA, the model predicts maximum concentrations 40 µg/L and 340 µg/L for MTBE and TBA, respectively, in the combined outflow from the extraction wells. MTBE and TBA will reach the extraction wells within 5 years, based on the model results.

- *Although there is significant uncertainty in the choice of a TBA decay rate to use in the model, and despite the fact that some literature suggests that TBA could decay faster than MTBE and thus not accumulate in groundwater impacted by the MTBE plume, Clear Creek believes that the decay rate of 0.0005 per day for TBA is the most appropriate value available at this time, and we believe that TBA will accumulate and impact the proposed extraction wells. This interpretation is supported by data for monitor well MW-16, where the TBA concentration increased to 23,000 µg/L in October 2011 after consistently being below 12,000 µg/L in previous sampling events. It is also supported by January 2012 data for WR- 359A, where the TBA concentration (40,000 µg/L) was nearly as high as the MTBE concentration (43,000 µg/L).*
- *The simulation assumes that there is no continuing source of MTBE. This is likely an optimistic assumption, because the soil vapor extraction system remains in operation at the Silvercroft Wash release site (Arcadis, 2012), which suggests that a source is still present in the vadose zone.*

8.3.4 Discussion of the MTBE Source Area since the 2012 Clear Creek Model

Data collected since 2012 indicates that Clear Creek's model assumption that there is no continuing source of MTBE is now valid, based on the following:

- No free product has been detected in monitoring wells at the site since the second quarter of 2014.
- MTBE concentrations have been nondetectable in well MW-1, closest to the release point, since October 2012. Other wells close to the release point having nondetectable MTBE concentrations for years include MW-3 and MW-4. Since the second quarter of 2014, well MW-2, the closest downgradient well from the release point, has seen MTBE concentrations below the 20 ppb delineation threshold in accordance with the ADEQ

Underground Storage Tank (UST) Program Interim Policy for MTBE in groundwater.

- SVE has been completed in wells in the release location vicinity (wells VMW-1, SVE-2 through SVE-5, MW-2, MW-6, and MW-19).

8.3.5 MTBE Degradation since the 2012 Clear Creek Model and Estimated Concentrations in the COT Extraction Wells

The maximum MTBE concentration as of the Second Quarter of 2015 was 103,000 µg/L in well WR-359A. This demonstrates that the maximum MTBE concentration has been reduced by 49% in the approximately 3-year time frame since the Clear Creek model was run. The reduction in maximum concentration is due to degradation and not dispersion of the plume, as evidenced by the reduction of mass within the plume shown on Figure 15. Figure 15 illustrates that the maximum MTBE plume mass of 2169 kg occurred in August 2008. As of October 2014, the MTBE plume mass had been reduced to 658 kg. This equates to a mass reduction of approximately 70%. Since the time of the Clear Creek model run, the mass has been reduced by approximately 50%.

Based on the maximum MTBE concentration in the Second Quarter of 2015 being reduced by 49% due to degradation since the Clear Creek model was run, and the 50% decrease of the total mass of the plume, running the CC model using the most recent data for system startup conditions would yield an approximate maximum MTBE concentration of 20 µg/L in the combined outflow from the extraction wells.

8.3.6 Discussion of the TBA Degradation Rate

Data from the Second Quarter of 2015 indicate that the TBA concentrations are degrading far more rapidly than Clear Creek's results modeled in 2012. The maximum TBA concentration observed in Q2 2012 was 14,000 µg/l in well MW-21, which is much lower than the maximum value of 40,000 µg/l cited for WR-359 in January 2012. In Q2 2015, WR-359, still had the highest TBA concentrations of all COT wells, but the concentration had declined to 2,800 µg/l, which is a concentration reduction of 93%. The TBA concentration in MW-16 has also decreased significantly to 750 µg/l in Q2 2015, which is a 97% reduction since its historic maximum concentration of 23,000 µg/l in Q4 2011. These concentrations yield k values of 0.0022 and 0.0027 respectively, which are 4.4 and 5.3 times greater than the 0.0005 per day value for the TBA k in the

Clear Creek model. Note also that the k value is an exponent in the decay equation, resulting in actual degradation rates approximately 10 times faster than the Clear Creek model.

The use of the first order decay equation is a simplification as TBA is produced by the degradation of MTBE. However, the production of TBA is implicitly included in the TBA k values, which indicate a faster rate of degradation than indicated by the k value for MTBE (0.0011 per day). As noted previously, 70% of the peak dissolved MTBE mass has been degraded, and there is no significant source for additional MTBE loading to the aquifer. Therefore, once produced, the degradation rate of TBA will be even faster than the TBA k values calculated above. The MTBE plumes and TBA plumes have already moved well past their peak mass time frames, and will continue to attenuate. The data indicate that the TBA mass will not increase moving forward as the remaining MTBE degrades. CC had indicated "…*some literature suggests that TBA could decay faster than MTBE and thus not accumulate in groundwater impacted by the MTBE plume…"*. Data collected since 2012 indicate that this is the case for the Silvercroft site.

8.3.7 TBA Degradation and Calculated Concentrations in the COT Extraction Wells

Using the calculated TBA k values above, the actual maximum TBA value of 14,000 µg/l in MW-21 in Q2 2015 will degrade to 41 to 111 µg/l in the next six years (one year until the system is constructed plus the 5-year travel time to the pump intakes). However, given that the plume footprint is already shrinking and not migrating downgradient, it may be more appropriate to use the 2,800 µg/l value un WR-359, which yields values of 8 to 22 µg/l in the next six years. Even this case is unlikely, as the TBA is degrading even faster than the MTBE plume, and the MTBE source is essentially remediated. Therefore, it appears unlikely that the TBA will ever be detected in the COT extraction wells.

8.3.8. Discussion of TAME

At the time of the release, MTBE was the primary oxygenate added to gasoline according to EPA mandates, consisting of up to 15% of the fuel. Tert-amyl methyl ether (TAME) was an oxygenate byproduct of the MTBE manufacturing process, and therefore present at much lower concentrations in fuel than MTBE. TAME does not have an AWQS or an established state guidance level. This discussion is included in response to comment F in ADEQ's letter dated March 25, 2015.

Quarterly monitoring reports for the Silvercroft site have not included tabulations of TAME. However, the original laboratory electronic submittals contain TAME data as it is measured by the 8260 Method. For the Second Quarter 2015 event, the maximum TAME concentration detected was 19,000 µg/l in well WR-359A. Other COT well TAME concentrations were 3,300 µg/l in WR-430A, 2,300 µg/l in R-067A, 290 mg/l in WR-467A, and 160 µg/l in WR-464A. The maximum concentration observed in a SFPP well was 6,200 µg/l in well MW-17.

In groundwater, TAME is not produced from degradation of MTBE, TBA, or any other gasoline constituents. There is no AWQS or narrative standard for TAME. TAME will attenuate in groundwater due to mechanisms similar to those that degrade other oxygenates such as MTBE. TAME concentrations will continue to decline in the future in a similar manner to MTBE and TBA, as indicated by the significant mass attenuation of MTBE and TBA at the site. It is unlikely that TAME will be detected in the COT extraction wells.

8.3.9 Ability of the COT Treatment System to Treat the Estimated MTBE Concentrations in the COT Extraction Wells

On behalf of COT, SCS Engineers submitted Recommended Conceptual Design Modifications Silverbell Landfill WQARF Site Pump and Treat System Phase 1 and 2 (July 3, 2012). SCS' analysis was based on Clear Creek's conclusion that the maximum MTBE concentration in the COT extraction wells would be 40 µg/l. According to SCS, the proposed initial air stripper system would successfully reduce the 40 µg/l concentration below 13 µg/L:

> *Based on modeling performed by Bisco Environmental Inc. (using recent modeling results provided by Clear Creek), the proposed initial air stripper system (two units operating at 500 gpm each) should be capable of reducing MTBE from 40 ppb to 13 ppb…*

As discussed in Section 8.3.5., application of conditions as of Q2 2015 in the Clear Creek model would yield an estimated maximum concentration of 20 µg/l rather than 40 µg/l. If the initial air stripper system would be capable of reducing 40 µg/l to 13 µg/l, then it will be capable of reducing 20 µg/l to below 13 µg/l.

In regards to TBA and TAME effects on the treatment system, SCS stated the following:

As discussed above, Phase 1 system is intended to remediate PCE at the present time. Phase 2 of the system may include modification(s) of the system to treat the off-site MTBE, TBA, and TAME plume when/if the plume is drawn into the extraction system. The Phase 1 conceptual design is laid out in such as manner as to facilitate addition of components, and this flexibility should be included in the final design and construction of Phase 1.

Any system modifications for MTBE, TBA, and TAME should be based on whether the on-site monitoring well network confirms movement of the off-site plume toward the extraction system. At that time, actual site-specific concentrations of MTBE, TBA, and TAME should be used to confirm whether these assumed system modifications are necessary and appropriate.

As discussed in Section 8.3.6, TBA k values based on current concentrations yield estimated TBA concentrations from 8 to 22 µg/l in six years. Therefore, it appears unlikely that the TBA will ever be detected in the COT extraction wells. TAME will behave similarly. In light of this assessment, SCS' recommendation that actual data be collected after system startup to confirm whether or not system modifications are necessary and appropriate is still valid.

8.4 Conclusion of the Groundwater Pathway Human Health Risk Assessment

SFPP acknowledges COT's concern that influent MTBE, TBA, and TAME concentrations may impact the operation of their planned treatment system for their solvent plume at the Silverbell Landfill WQARF Site. In the event that MTBE, TBA, or TAME concentrations are detected in as-yet-to-be-identified sentinel wells immediately upgradient of COT's proposed intake wells at some time in the future, SFPP will re-evaluate the potential for MTBE to be captured by the proposed COT wells, and will evaluate appropriate remedial actions with ADEQ's and COT's input at that time.

9.0 LAND AND WATER USE

This section has been prepared to meet the requirements established under Arizona Administrative Code (A.A.C.) R18-16-406 (D) for Land and Water Use. The purpose of this section is to gather information regarding current and foreseeable uses of land or waters that have been or are threatened to be affected by a contaminant release. The land and water uses most likely relevant to discussion of remedial objectives are presented below.

9.1 Land Uses

The fuel pipeline, where the release occurred, is located within a utility easement adjacent (east) to the Silvercroft Wash and west of the Silver Creek housing community (Figure 2). The areas encompassing the Site, Silver Creek and Silver Creek II subdivisions, are zoned for low- to medium-density mobile homes (MH-1). Currently, SFPP owns lots 352 through 356, where the land was impacted by the release. A treatment system with building structures occupies the area of those lots. Downgradient (northwest) of the Site is an area zoned for low-density residential (R-1). This R-1 area is occupied by the following:

- Former COT Silverbell Landfill south cell
- Former COT Silverbell Landfill north cell (located approximately 400 feet northwest of the south cell)
- Vacant land, owned by COT, located between the Silverbell Landfill south and north cells and extending west to Silverbell Road
- Housing community west of the Silverbell Landfill south cell
- COT 18-hole golf course west of the Silverbell Landfill north cell
- Housing community west of the COT golf course

Molly Collins from the COT confirmed the current use of the area northwest of the Site in an e-mail communication on January 31. As for future development, a possible solar farm may be built on the COT Landfill area. The possibility of bringing Ft. Lowell Road west across the Santa Cruz River and between the landfill cells to service the two housing communities on the west side of the landfill was also discussed. The zoning pattern in the area has been long established, and there are no foreseeable changes for the future. A copy of the e-mail communication with Molly Collins, zonal map of the area, and zoning classification description are provided in Appendix N.

9.2 Groundwater Uses

The Silvercroft Wash Release Site lies within the Tucson Active Management Area (AMA). The Tucson AMA occupies approximately 3,869 square miles in the Upper Santa Cruz and Avra Basin. In 1984, the USEPA, under the Federal Safe Drinking Water Act, designated the basin's groundwater system as a sole-source aquifer. A map showing the sole-source aquifer designated area for the Upper Santa Cruz and

Avra Basin is provided in Appendix O. It should be noted that, as part of an anti-CAP initiative (Proposition 200), which was passed by Tucson voters and became the Water Consumer Protection Act, water from polluted sources cannot be used in the city system, even if Federal Safe Drinking Water standards are met. Water rights within the vicinity of the pipeline release belong to the COT.

Groundwater under the Site generally flows to the northwest. However, water flowing within the Santa Cruz River and the unlined Silvercroft Wash may locally affect flow direction. Figure 6 shows the groundwater flow direction based on the second quarter 2015 data.

9.2.1 Future COT Needs

The COT Update To Water Plan: 2000-2050 estimates that, by 2050, a total of 255,000 ac-ft (largest projected increase) of water will be needed to service a population of approximately 1,300,000 (COT 2008). The projected water resource used, starting around 2017, will be from Colorado River water, incidental recharge, reclaimed water, and the Central Arizona groundwater replenishment district. As time passes, with increased development and population, an estimated shortfall of approximately 150,000 ac-ft of water is projected by 2050. Potable water demand for the future is expected to be met through decreasing dependency on groundwater pumping and increasing reliance on renewable Colorado River water. Recommended strategies noted in the COT Water Plan: 2000-2050 are listed below. Many of them have already been implemented.

- Emphasize “wet” water management strategies
- Use renewable groundwater
- Preserve City’s groundwater credits for longer term
- Reassess the water-quality target for Colorado River water
- Fully use Colorado River water
- Fully use effluent for future supply
- Acquire additional water supplies
- Manage water demand
- Adjust development fees to shift the cost of growth to new customers
- Continue to expand regional cooperation

9.2.2 Groundwater Wells

Based on the Arizona Department of Water Resources (ADWR) online well registry, there are approximately 231 wells registered within 1 mile of the Site (ADWR 2012). The locations and a list of these wells are included in Appendix O for reference. Within the vicinity of the Site, well use is dominated by monitoring and remediation wells due to impacted groundwater from the Silverbell Landfill and the Silvercroft Wash Release.

On November 2, 2011, a phone call was conducted between Mr. Thomas Vespalec with ARCDIS and Mr. John Kmiec with the City of Tucson - Water Quality & Operations Division. Mr. Kmiec stated that there was no potable water well within 2 miles of the Site. There is no current or foreseeable plan for the installation of municipal water wells within 1 mile of the Site. A copy of the phone log is provided in Appendix O.

9.2.3 Sweetwater Recharge Facility and Roger Road Wastewater Treatment Plan

The SRF, located approximately 2 miles northwest of the Site (downgradient), started in 1989 as an economic and feasible way to offset water demand by recharge and recovery operations (Figure 22). Tertiary-treated water from the Roger Road Wastewater Treatment Plant (RRWWTP) is pumped to 28 acres of recharge basins and constructed wetlands at the SRF to be recharged back into the ground. During low water demand, the water storage increases. Storage decreases during conditions of high water demand when the water is extracted (pumped) out. The effluent water is for non-potable use by the COT Reclaimed Water System. Reclaimed water is used at many facilities, including the COT Silverbell Golf Course located approximately 1 mile northwest of the Site. Built in 1979, all water used at the golf course is from the tertiary treatment plant at the RRWWTP. A map of the COT Reclaimed Water System, a copy of Section Five: Water Delivery Systems from the Water Plan: 2000-2050 report, and a copy of the Sweetwater Recharge Facilities Report are provided in Appendix O for reference.

The SRF is expanding by adding three new recharge basins on the north side of the RRWWTP (Figure 22). Currently, the SRF recharge capacity is approximately 10,000 ac-ft per year and is expected to increase the recharge capacity to 13,000 ac-ft per year. The new recharge basins are expected to be constructed within the next 24 months.

9.3 Surface-Water Uses

Surface waters within the vicinity of the Site are the Silvercroft Wash, Painted Hills Wash, and Santa Cruz River (Figure 22). Both of the washes are unlined, and the Painted Hills Wash merges with the Silvercroft Wash at the west fork approximately 700 feet north of the release location. The Silvercroft Wash connects with the Santa Cruz River approximately 1,500 feet north of the release location. The Santa Cruz River is ephemeral and only flows during precipitation events of sufficient areal extent, magnitude, and duration.

During the release, areas of the Silvercroft Wash were impacted. As described in Section 2.2.2.1, the top 6 to 12 inches of soil were excavated and removed from the Silvercroft Wash. Confirmation soil samples confirmed that all impacted soil was removed from the wash. Additionally, storm-water runoff and standing water samples were also collected at various locations within the washes. Analytical results demonstrated that concentrations for BTEX and MTBE were either non-detect or lower than AWQS. See Sections 2.2.3.1 and 2.2.3.2 for more detail.

10.0 CONCLUSIONS

The purpose of the RI conducted at the Silvercroft Wash Release Site was to determine the nature and extent of contaminants at the Site. The RI also identified present and reasonably foreseeable uses of land and waters of the state that have been or are threatened to be affected by the release.

From the data collected during the RI, the following conclusions can be made:

- No surface water impacts from the release remain.
- No soil impacts from the release remain, with the possible exception of the release point source area, which will be determined by completing confirmatory boring and sampling within the release point area upon completion of SVE.
- No land use impacts from the release remain.
- Groundwater benzene and MTBE impacts at concentrations higher than AWQS remain.
  - The dissolved-phase plume of MTBE is naturally attenuating, as evidenced by the reduction of total mass through time. The MTBE plume

continues to migrate downgradient. However, the rate of migration continues to decrease.

  - The dissolved-phase plume of benzene has nearly completely naturally attenuated.

- SVE has been completed in wells in the release location vicinity. SVE is successfully remediating smear-zone soils from wells on the west side of Silvercroft Wash.
- In regards to the updated modeling of MTBE and TBA performed by Clear Creek, the concern over TAME, and the recommendations regarding COT's groundwater treatment system by SCE Engineers, the following conclusions are stated:
  - Data collected since 2012 validates the Clear Creek 2012 model assumption that there is no continuing source of MTBE to the groundwater.
  - In the approximately 3-year time frame since the Clear Creek model was run, the maximum MTBE concentration has been reduced by 49%, and the total mass of the MTBE plume has been reduced by 50%. The reduction in maximum concentration is due to degradation and not dispersion of the plume.
  - Running the Clear Creek model using the most recent data for system startup conditions would yield an approximate maximum MTBE concentration of 20 µg/L in the combined outflow from the COT's proposed extraction wells.
  - According to SCS Engineers, the COT's initial air stripper system will be capable of reducing 20 µg/l to below 13 µg/l.
  - TBA concentrations are degrading far more rapidly than Clear Creek's results modeled in 2012. Clear Creek had indicated "…some literature suggests that TBA could decay faster than MTBE and thus not accumulate in groundwater impacted by the MTBE plume…". Data collected since 2012 indicate that this is the case for the Silvercroft site. It appears unlikely that the TBA will ever be detected in the COT extraction wells.
  - TAME concentrations will continue to decline in the future in a similar manner to MTBE and TAME, as indicated by the significant mass

attenuation of MTBE and TBA at the site. It is unlikely that TAME will be detected in the COT extraction wells.

- Based on the above estimated values of MTBE, TBA, and TAME in the COT extraction wells, we agree with the recommendations of SCE Engineers (2012) to monitor actual concentrations in the on-site monitoring well network after pumping for the COT system has begun, then modify the system if necessary and as appropriate.

Based on the above conclusions, COT's potential capture, treatment and discharge to SRF of MTBE-, TBA-, and TAME-affected groundwater associated with the Silvercroft Wash Release Site would not pose a significant risk to human health.

11.0 SUMMARY OF ONGOING AND PLANNED REMEDIAL ACTIONS

Based on the analytical data and results of the RI and the HHRA, quarterly monitoring of groundwater quality at the Silvercroft Wash Release Site will continue. All monitoring wells (MW-1 through MW-30) will be used to obtain groundwater level measurements to help calculate groundwater flow direction and gradient data for the ongoing groundwater sampling at the Site.

The SVE system currently in operation at the Site will continue to remediate residual BTEX and MTBE in smear zone soils on the west side of Silvercroft Wash. SVE system influent vapor sample collection will continue to determine the effectiveness of the SVE system, and to confirm when vapor extraction on the West Side of Silvercroft Wash is complete.

Following the establishment of remedial action objectives based on this RI, additional groundwater remedial options will be evaluated during the feasibility study (FS).

12.0 REFERENCES

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LFR. 2003g. Work Plan to Advance 3 Borings, Silvercroft Wash Release Site, Tucson, Arizona. November 18.

LFR. 2003h. Weekly Activity Report 09/19/2003.

LFR. 2003i. Weekly Activity Report 09/26/2003.

LFR. 2003j. Weekly Activity Report 10/03/2003.

LFR. 2003k. Weekly Activity Report 10/10/2003.

LFR. 2003l. Weekly Activity Report 10/17/2003.

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LFR. 2003u. Weekly Activity Report 12/5/2003.

LFR. 2003v. Weekly Activity Report 12/12/2003.

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LFR. 2004c. Weekly Activity Report 1/9/2004.

LFR. 2004d. Weekly Activity Report 1/16/2004.

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LFR. 2004gg. Weekly Activity Report 06/11/2004.

LFR. 2004hh. Weekly Activity Report 06/18/2004.

LFR. 2004ii. Weekly Activity Report 06/25/2004.

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LFR. 2004kk. Weekly Activity Report 07/09/2004.

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LFR. 2004ss. Weekly Activity Report 08/27/2004.

LFR. 2004tt. Weekly Activity Report 09/03/2004.

LFR. 2004uu. Weekly Activity Report 09/10/2004.

LFR. 2004vv. Weekly Activity Report 09/17/2004.

LFR. 2004ww. Weekly Activity Report 09/24/2004.

LFR. 2004xx. Weekly Activity Report 10/01/2004.

LFR. 2004yy. Weekly Activity Report 10/08/2004.

LFR. 2004zz. Weekly Activity Report 10/15/2004.

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LFR. 2004bbb. Weekly Activity Report 10/29/2004.

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LFR. 2004fff. Weekly Activity Report 11/22/2004.

LFR. 2004ggg. Weekly Activity Report 12/03/2004.

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LFR. 2004iii. Weekly Activity Report 12/17/2004.

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LFR. 2006b. First Quarter 2006 Groundwater Monitoring Report, SFPP L.P. – Silvercroft Wash Release Site, Tucson, Arizona. May 15.

LFR. 2006c. Second Quarter 2006 Groundwater Monitoring Report, SFPP L.P. – Silvercroft Wash Release Site, Tucson, Arizona. August 15.

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LFR. 2007c. Second Quarter 2007 Groundwater Monitoring Report, SFPP L.P. – Silvercroft Wash Release Site, Tucson, Arizona. August 15.

LFR. 2007d. Third Quarter 2007 Groundwater Monitoring Report, SFPP L.P. – Silvercroft Wash Release Site, Tucson, Arizona. November 15.

LFR. 2007d. Fourth Quarter 2007 Groundwater Monitoring Report, SFPP L.P. – Silvercroft Wash Release Site, Tucson, Arizona. February 15.

LFR. 2008a. First Quarter 2008 Groundwater Monitoring Report, SFPP L.P. – Silvercroft Wash Release Site, Tucson, Arizona. May 15.

LFR. 2008b. Second Quarter 2008 Groundwater Monitoring Report, SFPP L.P. – Silvercroft Wash Release Site, Tucson, Arizona. August 15.

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LFR. 2009a. Fourth Quarter 2008 Groundwater Monitoring Report, SFPP L.P. – Silvercroft Wash Release Site, Tucson, Arizona. February 13.

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LFR. 2010a. Fourth Quarter 2009 Groundwater Monitoring Report, SFPP L.P. – Silvercroft Wash Release Site, Tucson, Arizona. February 12.

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LFR. 2010c. Second Quarter 2010 Groundwater Monitoring Report, SFPP L.P. – Silvercroft Wash Release Site, Tucson, Arizona. August 13.

LFR. 2010d. Third Quarter 2010 Groundwater Monitoring Report, SFPP L.P. – Silvercroft Wash Release Site, Tucson, Arizona. November 12.

LFR. 2011a. Fourth Quarter 2010 Groundwater Monitoring Report, SFPP L.P. – Silvercroft Wash Release Site, Tucson, Arizona. February 14.

LFR. 2011b. First Quarter 2011 Groundwater Monitoring Report, SFPP L.P. – Silvercroft Wash Release Site, Tucson, Arizona. May 13.

LFR. 2011c. Second Quarter 2011 Groundwater Monitoring Report, SFPP L.P. – Silvercroft Wash Release Site, Tucson, Arizona. August 12.

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13.0 LIMITATIONS

The opinions and recommendations presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by ARCADIS and the party for whom this report was originally prepared. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representation, warranty, or guarantee, express or implied, is intended or given. To the extent that ARCADIS relied upon any information prepared by other parties not under contract to ARCADIS, ARCADIS makes no representation as to the accuracy or completeness of such information. This report is expressly for the sole and exclusive use of the party for whom this report was originally prepared for a particular purpose. Only the party for whom this report was originally prepared and/or other specifically named parties have the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk.

Results of any investigations or testing and any findings presented in this report apply solely to conditions existing at the time when ARCADIS' investigative work was performed. It must be recognized that any such investigative or testing activities are inherently limited and do not represent a conclusive or complete characterization. Conditions in other parts of the project site may vary from those at the locations where data were collected. ARCADIS' ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100% confidence in environmental investigation conclusions cannot reasonably be achieved.

ARCADIS, therefore, does not provide any guarantees, certifications, or warranties regarding any conclusions regarding environmental contamination of any such property. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations, or standards.

Tables

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-01		10/25/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-01		1/24/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-01		4/16/2013	1.0	12	7.6	21	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-01		7/9/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-01		10/8/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-01		1/17/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-01		4/22/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-01	Duplicate	7/16/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-01		7/16/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-01		10/2/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-01		1/20/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-01		4/21/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-02		4/19/2013	**45**	<50	30	78	**490**	**<10**	**<10**	<10	<50	1,000	NA	NA
MW-02		7/11/2013	**21**	<50	25	1,300	**680**	**<10**	**<10**	<10	<50	510	NA	NA
MW-02	Duplicate	7/11/2013	**21**	<50	29	1,400	**680**	**<10**	**<10**	<10	<50	510	NA	NA
MW-02	Duplicate	10/10/2013	**<10**	<50	21	<30	**140**	**<10**	**<10**	<10	<50	540	NA	NA
MW-02		10/10/2013	**<10**	<50	26	31	**160**	**<10**	**<10**	<10	<50	650	NA	NA
MW-02		1/17/2014	1.5	<5.0	<1.0	<3.0	**130**	<1.0	1.0	<1.0	<5.0	1,200	NA	NA
MW-02		4/24/2014	<1.0	<5.0	<1.0	<3.0	30	<1.0	<1.0	<1.0	<5.0	710	NA	NA
MW-02		7/17/2014	<1.0	<5.0	<1.0	<3.0	20	<1.0	<1.0	<1.0	<5.0	19	NA	NA
MW-02		10/2/2014	<1.0	<5.0	<1.0	<3.0	2.4	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-02		1/22/2015	<1.0	<5.0	<1.0	<3.0	8.3	<1.0	<1.0	<1.0	<5.0	37	NA	NA
MW-02		4/21/2015	<1.0	<5.0	<1.0	<3.0	14	1.5	<1.0	<1.0	<5.0	9.9	NA	NA
MW-03		3/31/2005	<1.0	<1.0	<1.0	1.0	76	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0
MW-03	Duplicate	3/31/2005	<1.0	<1.0	<1.0	<2.0	49	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0
MW-03		4/27/2005	<1.0	<1.0	<1.0	<1.0	54	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-03		5/24/2005	**5.8**	<1.0	<1.0	8.8	**490**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		6/28/2005	**6.6**	<1.0	<1.0	5.8	**610**	<1.0	<1.0	<1.0	<1.0	NA	<2.1	NA
MW-03		7/27/2005	3.1	16	4.4	18.2	**180**	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-03		8/30/2005	<1.0	2.9	<1.0	7.9	**710**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		9/28/2005	**8.5**	2.3	<1.0	4.4	**450**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03	Duplicate	10/25/2005	4.7	1.3	<1.0	1.1	**440**	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-03		10/25/2005	**19**	4.7	<1.0	8.0	**1,500**	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-03		11/23/2005	**6.9**	1.9	<1.0	1.5	**230**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		12/28/2005	4.2	1.6	<1.0	1.4	**210**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		1/24/2006	<1.0	<1.0	<1.0	<2.0	61	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-03		2/22/2006	1.0	2.7	1.2	6.4	**150**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		3/29/2006	**12**	2.7	<1.0	4.0	**800**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		4/26/2006	2.6	<1.0	<1.0	1.6	**270**	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-03		5/24/2006	1.4	2.7	1.3	6.4	**340**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03	Duplicate	6/28/2006	2.2	<1.0	<1.0	1.5	74	<1.0	<1.0	<1.0	<1.0	NA	NA	NA

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Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-03		6/28/2006	2.2	<1.0	<1.0	1.5	74	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		8/2/2006	<1.0	<1.0	<1.0	<2.0	91	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-03		8/30/2006	**17**	12	<1.0	9.2	**410**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		9/26/2006	**12**	<5.0	<5.0	<10	**470**	**<5.0**	**<5.0**	<5.0	<5.0	NA	NA	NA
MW-03		10/25/2006	<1.0	<1.0	<1.0	<2.0	**430**	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-03		11/21/2006	<1.0	<1.0	<1.0	<2.0	**340**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		12/28/2006	**6.4**	<5.0	<5.0	<10	**260**	**<5.0**	**<5.0**	<5.0	<5.0	NA	NA	NA
MW-03		1/30/2007	**9.5**	3.5	<1.0	1.2	**230**	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-03		4/26/2007	3.2	<1.0	<1.0	<2.0	53	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		7/25/2007	**12**	2.9	<1.0	<2.0	74	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		10/24/2007	**33**	7.7	<1.0	6.8	**310**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		1/30/2008	**13**	23	1.3	17.9	**270**	<0.5	<0.5	<0.5	<0.5	NA	<5.0	NA
MW-03		4/23/2008	**20**	21	1.2	18.5	**430**	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-03		7/31/2008	1.8	<0.5	<0.5	11.5	**310**	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-03		10/15/2008	**270**	640	70	310	**100**	**<5.0**	**<5.0**	<5.0	<5.0	NA	NA	NA
MW-03		1/28/2009	**24**	<1.0	<1.0	<2.0	33	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		4/30/2009	4.3	<1.0	<1.0	<2.0	18	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03	Duplicate	7/21/2009	<1.0	<1.0	<1.0	<2.0	26	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		7/21/2009	<1.0	<1.0	<1.0	<2.0	26	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		10/7/2009	<1.0	<1.0	<1.0	<1.0	7.1	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		1/21/2010	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-03		4/13/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	NA	NA
MW-03		7/13/2010	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-03		10/19/2010	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-03		1/11/2011	1.2	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-03		4/12/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-03	Duplicate	7/13/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-03		7/13/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-03		10/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-03		1/17/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-03		4/3/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-03		4/3/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-03		7/10/2012	<1.0	7.7	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-03		10/23/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-03		1/22/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-03	Duplicate	4/16/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-03		4/16/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-03		7/9/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-03		10/8/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-03		1/16/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-03		4/22/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-03		7/15/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-04		10/25/2012	<1.0	<5.0	<1.0	24	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-04		1/28/2013	<1.0	<5.0	<1.0	140	24	<1.0	<1.0	<1.0	<5.0	140	NA	NA
MW-04		4/19/2013	4.0	6.9	7.6	20	3.2	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-04		7/11/2013	<1.0	<5.0	<1.0	8.0	8.6	<1.0	<1.0	<1.0	<5.0	40	NA	NA
MW-04	Duplicate	7/11/2013	<1.0	<5.0	<1.0	9.2	9.0	<1.0	<1.0	<1.0	<5.0	40	NA	NA
MW-04	Duplicate	10/9/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-04		10/9/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-04		1/17/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-04		4/22/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-04		7/15/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-04		10/2/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-04		1/20/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-04		4/21/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-05		4/15/2010	**58**	99	15	86	**190**	<1.0	<1.0	<1.0	<1.0	<10	NA	NA
MW-05		1/14/2011	**100**	240	52	2,500	35	<1.0	<1.0	<1.0	<5.0	62	NA	NA
MW-05	Duplicate	7/13/2012	**120**	<100	<20	<60	**220**	**<20**	**<20**	<20	<100	<100	NA	NA
MW-05		7/13/2012	**140**	<100	<20	<60	**260**	**<20**	**<20**	<20	<100	<100	NA	NA
MW-05		10/29/2012	**32**	25	7.6	7.8	12	<2.0	<2.0	<2.0	<10	<10	NA	NA
MW-05		1/28/2013	**52**	<250	<50	750	**7,600**	**<50**	**<50**	<50	<250	3,700	NA	NA
MW-05	Duplicate	4/22/2013	**140**	130	4.6	<1,500	**4,200**	<1.0	<1.0	<1.0	<5.0	5,000	NA	NA
MW-05		4/22/2013	**410**	400	14	1,600	**13,000**	**<5.0**	**<5.0**	<5.0	<25	12,000	NA	NA
MW-05		7/11/2013	**450**	**1,200**	<200	2,600	**14,000**	**<200**	**<200**	**<200**	<1,000	7,000	NA	NA
MW-05	Duplicate	10/9/2013	<1.0	<5.0	<1.0	<3.0	2.1	<1.0	<1.0	<1.0	<5.0	7.7	NA	NA
MW-05		10/9/2013	<1.0	<5.0	<1.0	<3.0	3.2	<1.0	<1.0	<1.0	<5.0	11	NA	NA
MW-05		1/17/2014	4.7	23	8.8	30	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-05		4/24/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	1.7	<1.0	<5.0	<5.0	NA	NA
MW-05	Duplicate	4/24/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-05		7/16/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-05		10/3/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-05		1/20/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-05		4/21/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-06		10/17/2003	ND	ND	ND	ND	1.35	NA	NA	NA	NA	NA	ND	NA
MW-06		10/29/2003	3.2	4.2	<0.5	<1.5	88	NA	NA	NA	NA	NA	ND	NA
MW-06		4/15/2010	**200**	290	33	280	**900**	<3.0	<3.0	<3.0	<3.0	<30	NA	NA
MW-06	Duplicate	4/15/2010	**220**	330	38	330	**1,000**	<3.0	<3.0	<3.0	<3.0	<30	NA	NA
MW-06		10/20/2010	**360**	200	40	140	**2,900**	**<10**	**<10**	<10	<50	<500	NA	NA
MW-06		1/14/2011	**<5.0**	53	22	130	<5.0	**<5.0**	**<5.0**	<5.0	<25	<250	NA	NA
MW-06		4/14/2011	**29**	5.5	2.6	4.6	**240**	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-06		7/15/2011	**43**	5.2	2.7	<3.0	**770**	<1.0	<1.0	<1.0	<5.0	72	NA	NA
MW-06		10/12/2011	2.6	35	15	81	**760**	<1.0	<1.0	<1.0	<5.0	83	NA	NA

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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-06		4/5/2012	**46**	<5.0	4.0	15	**460**	<1.0	<1.0	<1.0	<5.0	100	NA	NA
MW-06		4/5/2012	**46**	<5.0	4.0	15	**460**	<1.0	<1.0	<1.0	<5.0	100	NA	NA
MW-06		7/12/2012	<1.0	7.3	<1.0	<3.0	**170**	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-06		10/29/2012	**65**	33	10	9.4	**390**	<2.0	<2.0	<2.0	<10	190	NA	NA
MW-06		1/28/2013	**6.7**	6.8	<1.0	64	**140**	<1.0	<1.0	<1.0	<5.0	140	NA	NA
MW-06		4/19/2013	1.2	<5.0	2.6	6.1	2.6	<1.0	<1.0	<1.0	<5.0	27	NA	NA
MW-06	Duplicate	7/11/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-06		7/11/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-06		10/9/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-06		1/20/2014	<1.0	<5.0	<1.0	<3.0	3.6	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-06		4/24/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-06		7/18/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-06		10/7/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	8.8	NA	NA
MW-06		1/22/2015	<1.0	<5.0	<1.0	<3.0	1.0	<1.0	<1.0	<1.0	<5.0	82	NA	NA
MW-06		4/21/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-07		10/27/2003	ND	2.0	0.5	2.5	2.0	NA	NA	NA	NA	NA	ND	NA
MW-07		11/6/2003	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NA	NA	NA	<13	NA
MW-07		12/22/2003	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NA	NA	NA	<13	NA
MW-07		1/29/2004	ND	4.8	1.8	9.5	ND	ND	ND	NA	NA	NA	NA	NA
MW-07		2/24/2004	ND	0.7	ND	1.6	ND	0.6	ND	NA	NA	NA	NA	NA
MW-07		3/30/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
MW-07		4/26/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
MW-07		5/24/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		6/30/2004	<1.0	11	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		7/29/2004	<1.0	2.1	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		8/25/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		9/28/2004	**8.3**	5.9	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		10/26/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		11/30/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		12/29/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		2/1/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07	Duplicate	2/23/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		2/23/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		3/30/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0
MW-07		4/25/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-07		5/23/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		6/27/2005	1.6	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		7/25/2005	2.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-07		8/30/2005	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		9/27/2005	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		10/24/2005	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA

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Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-07	Duplicate	11/22/2005	2.3	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		11/22/2005	2.4	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		12/28/2005	**7.6**	3.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		1/24/2006	**8.0**	4.5	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-07		2/21/2006	**5.0**	2.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		3/29/2006	3.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07	Duplicate	4/27/2006	3.7	1.9	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-07		4/27/2006	3.7	2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-07		5/24/2006	**12**	4.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		6/28/2006	4.6	2.3	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		8/2/2006	2.6	1.1	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-07		8/30/2006	4.3	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		9/27/2006	2.6	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		10/25/2006	4.7	1.2	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-07		11/21/2006	4.4	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		12/28/2006	**8.5**	2.2	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		1/31/2007	2.9	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-07		4/26/2007	**12**	1.4	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		7/25/2007	1.6	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		10/23/2007	**22**	1.9	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		1/29/2008	**21**	11	<0.5	4.7	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	NA
MW-07		4/23/2008	**5.4**	0.9	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-07		7/30/2008	3.4	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-07		10/14/2008	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		1/28/2009	**72**	1.6	<1.0	1.3	16	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		4/29/2009	**40**	<1.0	<1.0	<2.0	9.8	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		7/22/2009	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		10/7/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		1/19/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-07		4/13/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	NA	NA
MW-07		7/12/2010	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-07		10/18/2010	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-07	Duplicate	1/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-07		1/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-07		4/12/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-07		7/12/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-07		10/10/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-07		1/17/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-07		4/3/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-07		4/3/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-07		7/10/2012	<1.0	11	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-07		10/23/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-07		1/22/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-07		4/16/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-07		7/8/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-07		10/7/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-07		1/14/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-07		4/22/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-07		7/15/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-08		1/28/2009	**78**	39	11	203	**660**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-08		4/29/2009	**20**	4.9	<1.0	12.4	68	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-08		7/22/2009	**7.8**	<1.0	<1.0	11.1	33	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-08		1/19/2012	<1.0	<5.0	<1.0	<3.0	3.2	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-08		4/4/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-08		4/4/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-08		7/10/2012	<1.0	8.8	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-08	Duplicate	10/24/2012	<1.0	<5.0	<1.0	<3.0	43	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-08		10/24/2012	<1.0	<5.0	<1.0	<3.0	46	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-08		1/23/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-08		4/17/2013	<1.0	12	8.7	29	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-08		7/9/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-08		10/8/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-08	Duplicate	1/16/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-08		1/16/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-08		4/22/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-08		7/16/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-09		4/24/2008	**27**	46	6.0	43	**320**	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-09	Duplicate	1/28/2009	**290**	570	53	390	**1,700**	**<5.0**	**<5.0**	<5.0	<5.0	NA	NA	NA
MW-09		1/28/2009	**300**	580	53	390	**1,800**	**<5.0**	**<5.0**	<5.0	<5.0	NA	NA	NA
MW-09		4/15/2010	**29**	150	36	189	**290**	<2.0	<2.0	<2.0	<2.0	<20	NA	NA
MW-09		4/13/2011	**27**	<5.0	<1.0	<3.0	**120**	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-09		7/14/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-09		10/12/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-09		1/17/2012	**6.8**	<5.0	<1.0	<3.0	**250**	<1.0	<1.0	<1.0	<5.0	5.0	NA	NA
MW-09		4/4/2012	<1.0	<5.0	<1.0	<3.0	1.6	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-09		4/4/2012	<1.0	<5.0	<1.0	<3.0	1.6	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-09		7/11/2012	<1.0	7.6	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-09		10/25/2012	<1.0	<5.0	<1.0	<3.0	2.1	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-09		1/24/2013	<1.0	<5.0	<1.0	<3.0	24	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-09		4/18/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-09		7/10/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-09		10/8/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA

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Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-09		1/14/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-09		4/22/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-09	Duplicate	7/15/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-09		7/15/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-10		1/19/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-10		4/3/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-10		4/3/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-10		7/10/2012	<1.0	16	8.7	15	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-10		10/24/2012	<1.0	<5.0	<1.0	<3.0	2.5	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-10		1/23/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-10		4/17/2013	<1.0	14	10	33	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-10		7/10/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-10		10/8/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-10		1/14/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-10		4/22/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-10		7/16/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-11		11/14/2003	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	ND
MW-11		12/22/2003	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
MW-11		1/28/2004	0.6	8.4	3.1	16.4	ND	ND	ND	NA	NA	NA	NA	NA
MW-11		2/23/2004	ND	0.7	ND	0.6	ND	ND	ND	NA	NA	NA	NA	NA
MW-11	Duplicate	2/23/2004	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
MW-11		3/30/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
MW-11		4/26/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
MW-11		5/24/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		6/30/2004	<1.0	6.1	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		7/29/2004	<1.0	3.2	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		8/24/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		9/27/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		10/25/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		11/29/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		12/28/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		2/1/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		2/22/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		3/29/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0
MW-11		4/25/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	<1.0
MW-11		5/23/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		6/27/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		7/25/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	<1.0
MW-11		8/29/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		9/27/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		10/24/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA

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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-11		11/22/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		12/27/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		1/23/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-11		2/20/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		3/29/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		4/25/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-11		5/23/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		6/27/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		8/1/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-11	Duplicate	8/29/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		8/29/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		9/26/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		10/24/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-11	Duplicate	11/20/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		11/20/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		12/27/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		1/29/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-11		4/24/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		7/23/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		10/22/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		1/28/2008	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<5.0	NA
MW-11		4/22/2008	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-11		7/28/2008	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-11		10/13/2008	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		1/26/2009	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		4/27/2009	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		7/20/2009	<1.0	<1.0	2.0	6.3	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		10/6/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		1/19/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-11		4/12/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	NA	NA
MW-11		7/12/2010	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-11		10/18/2010	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-11		1/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-11		4/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-11		7/12/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-11		10/10/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-11		1/16/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-11		4/2/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-11		4/2/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-11		7/9/2012	<1.0	12	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-11		10/22/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA

Table 1
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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-11		1/21/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-11		4/15/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-11		7/8/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-11		10/7/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-11		1/13/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-11		4/21/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-11		7/14/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-12		11/19/2003	<0.5	<0.5	<0.5	<1.5	<0.5	**6.7**	<0.5	NA	NA	NA	NA	ND
MW-12		12/23/2003	<0.5	<0.5	<0.5	<1.5	<0.5	**6.1**	<0.5	NA	NA	NA	NA	NA
MW-12		1/28/2004	0.8	7.7	2.6	13.8	ND	3.9	ND	NA	NA	NA	NA	NA
MW-12	Duplicate	1/28/2004	0.8	8.0	2.7	14.9	ND	3.9	ND	NA	NA	NA	NA	NA
MW-12		2/23/2004	ND	1.3	0.6	2.7	ND	2.7	ND	NA	NA	NA	NA	NA
MW-12	Duplicate	2/23/2004	ND	2.0	ND	3.9	ND	2.2	ND	NA	NA	NA	NA	NA
MW-12		3/31/2004	<1.0	<1.0	<1.0	<2.0	<1.0	4.2	<1.0	NA	NA	NA	NA	NA
MW-12		4/28/2004	<1.0	<1.0	<1.0	<2.0	<1.0	3.8	<1.0	NA	NA	NA	NA	NA
MW-12		5/25/2004	<1.0	<1.0	<1.0	<2.0	<1.0	**6.4**	<1.0	<1.0	4.4	NA	NA	NA
MW-12		6/28/2004	<1.0	19	<1.0	<2.0	<1.0	**7.0**	<1.0	<1.0	4.5	NA	NA	NA
MW-12		7/29/2004	<1.0	2.3	<1.0	<2.0	<1.0	**7.3**	<1.0	<1.0	4.6	NA	NA	NA
MW-12		8/24/2004	<1.0	<1.0	<1.0	<2.0	<1.0	**7.4**	<1.0	<1.0	3.8	NA	NA	NA
MW-12		9/27/2004	<1.0	<1.0	<1.0	<2.0	<1.0	**13**	<1.0	<1.0	4.2	NA	NA	NA
MW-12		10/26/2004	<1.0	<1.0	<1.0	<2.0	<1.0	**8.9**	<1.0	<1.0	4.2	NA	NA	NA
MW-12		11/29/2004	<1.0	<1.0	<1.0	<2.0	<1.0	**8.8**	<1.0	<1.0	3.6	NA	NA	NA
MW-12		12/29/2004	<1.0	<1.0	<1.0	<2.0	<1.0	**7.2**	<1.0	<1.0	3.0	NA	NA	NA
MW-12		2/1/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**5.4**	<1.0	<1.0	2.7	NA	NA	NA
MW-12		2/22/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**7.7**	<1.0	<1.0	3.0	NA	NA	NA
MW-12		3/30/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**8.0**	<1.0	<1.0	2.9	NA	2.9	<1.0
MW-12		4/26/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**8.8**	<1.0	<1.0	3.1	NA	<2.0	NA
MW-12		5/25/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**9.2**	<1.0	<1.0	2.3	NA	NA	NA
MW-12		6/28/2005	<1.0	<1.0	<1.0	<2.0	<1.0	2.8	<1.0	<1.0	2.6	NA	<2.1	NA
MW-12		7/25/2005	<1.0	<1.0	<1.0	<2.0	<1.0	2.5	<1.0	<1.0	4.0	NA	<2.0	NA
MW-12		8/30/2005	<1.0	<1.0	<1.0	<2.0	<1.0	1.1	<1.0	<1.0	2.8	NA	NA	NA
MW-12		9/28/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**5.8**	<1.0	<1.0	1.7	NA	NA	NA
MW-12		10/24/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**8.0**	<1.0	<1.0	2.1	NA	<2.0	NA
MW-12		11/23/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**5.8**	<1.0	<1.0	2.1	NA	NA	NA
MW-12		12/28/2005	<1.0	<1.0	<1.0	<2.0	<1.0	3.4	<1.0	<1.0	2.1	NA	NA	NA
MW-12		1/24/2006	<1.0	<1.0	<1.0	<2.0	<1.0	2.0	<1.0	<1.0	2.1	NA	<2.0	NA
MW-12		2/21/2006	<1.0	<1.0	<1.0	<2.0	<1.0	1.3	<1.0	<1.0	1.8	NA	NA	NA
MW-12		3/29/2006	<1.0	<1.0	<1.0	<2.0	<1.0	1.2	<1.0	<1.0	3.4	NA	NA	NA
MW-12		4/26/2006	<1.0	<1.0	<1.0	<2.0	<1.0	2.0	<1.0	<1.0	2.1	NA	<2.0	NA
MW-12		5/24/2006	<1.0	<1.0	<1.0	<2.0	<1.0	2.0	<1.0	<1.0	2.3	NA	NA	NA
MW-12		6/28/2006	<1.0	<1.0	<1.0	<2.0	<1.0	2.0	<1.0	<1.0	1.8	NA	NA	NA

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Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-12		8/2/2006	<1.0	<1.0	<1.0	<2.0	<1.0	2.0	<1.0	<1.0	1.7	NA	<2.0	NA
MW-12		8/30/2006	<1.0	<1.0	<1.0	<2.0	<1.0	1.3	<1.0	<1.0	1.6	NA	NA	NA
MW-12		9/27/2006	<1.0	<1.0	<1.0	<2.0	<1.0	**7.7**	<1.0	<1.0	2.0	NA	NA	NA
MW-12		10/25/2006	<1.0	<1.0	<1.0	<2.0	<1.0	**7.8**	<1.0	<1.0	2.0	NA	<2.0	NA
MW-12		11/20/2006	<1.0	<1.0	<1.0	<2.0	<1.0	**5.8**	<1.0	<1.0	1.4	NA	NA	NA
MW-12		12/28/2006	<1.0	<1.0	<1.0	<2.0	<1.0	3.9	<1.0	<1.0	1.4	NA	NA	NA
MW-12		1/30/2007	<1.0	<1.0	<1.0	<2.0	<1.0	3.2	<1.0	<1.0	1.6	NA	<2.0	NA
MW-12		4/25/2007	<1.0	<1.0	<1.0	<2.0	<1.0	3.1	<1.0	<1.0	1.2	NA	NA	NA
MW-12		7/25/2007	<1.0	<1.0	<1.0	<2.0	<1.0	2.2	<1.0	<1.0	1.2	NA	NA	NA
MW-12		10/23/2007	<1.0	<1.0	<1.0	<2.0	<1.0	**6.7**	<1.0	<1.0	1.9	NA	NA	NA
MW-12		1/29/2008	<0.5	<0.5	<0.5	<1.5	<0.5	**5.1**	0.8	<0.5	0.8	NA	<5.0	NA
MW-12		4/22/2008	<0.5	<0.5	<0.5	<1.5	<0.5	**6.4**	2.1	<0.5	0.9	NA	NA	NA
MW-12		7/31/2008	<0.5	<0.5	<0.5	<1.5	<0.5	2.6	1.2	<0.5	0.8	NA	NA	NA
MW-12	Duplicate	10/13/2008	<1.0	<1.0	<1.0	<1.0	<1.0	**26**	1.8	<1.0	3.1	NA	NA	NA
MW-12		10/13/2008	<1.0	<1.0	<1.0	<1.0	<1.0	**27**	1.8	<1.0	3.2	NA	NA	NA
MW-12		1/27/2009	<1.0	<1.0	<1.0	<2.0	<1.0	**5.2**	**8.3**	<1.0	3.9	NA	NA	NA
MW-12		4/28/2009	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	3.7	<1.0	2.2	NA	NA	NA
MW-12		7/20/2009	<1.0	<1.0	<1.0	<2.0	<1.0	2.9	4.5	<1.0	2.4	NA	NA	NA
MW-12		10/6/2009	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	**5.8**	<1.0	2.4	NA	NA	NA
MW-12		1/19/2010	<1.0	<1.0	<1.0	<1.0	<1.0	1.8	**5.7**	<1.0	2.5	NA	NA	NA
MW-12		4/13/2010	<1.0	<1.0	<1.0	<1.0	<1.0	4.7	4.2	<1.0	3.0	21	NA	NA
MW-12		7/13/2010	<1.0	<5.0	<1.0	<3.0	<1.0	2.8	4.9	<1.0	<5.0	<50	NA	NA
MW-12		10/19/2010	<1.0	<5.0	<1.0	<3.0	<1.0	**5.0**	3.2	<1.0	<5.0	<50	NA	NA
MW-12	Duplicate	10/19/2010	<1.0	<5.0	<1.0	<3.0	<1.0	**5.1**	3.2	<1.0	<5.0	<50	NA	NA
MW-12		1/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	2.8	3.4	<1.0	<5.0	<50	NA	NA
MW-12		4/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	2.4	1.6	<1.0	<5.0	<50	NA	NA
MW-12		7/13/2011	<1.0	<5.0	<1.0	<3.0	<1.0	2.8	<1.0	<1.0	<5.0	<50	NA	NA
MW-12		10/10/2011	<1.0	<5.0	<1.0	<3.0	<1.0	1.7	<1.0	<1.0	<5.0	<50	NA	NA
MW-12	Duplicate	1/16/2012	<1.0	<5.0	<1.0	<3.0	<1.0	1.6	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-12		1/16/2012	<1.0	<5.0	<1.0	<3.0	<1.0	1.6	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-12		4/4/2012	<1.0	<5.0	<1.0	<3.0	<1.0	1.7	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-12		4/4/2012	<1.0	<5.0	<1.0	<3.0	<1.0	1.7	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-12		7/11/2012	<1.0	6.9	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-12		10/23/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-12		1/23/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-12		4/17/2013	<1.0	<5.0	2.5	8.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-12		7/10/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-12		10/8/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-12		1/13/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-12		4/21/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-12		7/14/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-13		11/19/2003	<0.5	<0.5	<0.5	<1.5	<0.5	3.7	<0.5	NA	NA	NA	NA	ND
MW-13	Duplicate	12/23/2003	<0.5	<0.5	<0.5	<1.5	<0.5	3.5	<0.5	NA	NA	NA	NA	NA
MW-13		12/23/2003	<0.5	<0.5	<0.5	<1.5	<0.5	4.6	<0.5	NA	NA	NA	NA	NA
MW-13		2/24/2004	ND	1.0	ND	1.7	ND	1.4	ND	NA	NA	NA	NA	NA
MW-13		3/30/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
MW-13		4/27/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13	Duplicate	5/25/2004	<1.0	1.2	<1.0	<2.0	<1.0	2.5	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		5/25/2004	<1.0	1.2	<1.0	<2.0	<1.0	2.6	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		6/30/2004	<1.0	5.6	<1.0	<2.0	7.5	2.6	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		7/29/2004	<1.0	2.6	<1.0	<2.0	18	2.6	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		8/25/2004	<1.0	<1.0	<1.0	<2.0	29	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13	Duplicate	9/28/2004	3.4	3.9	<1.0	<2.0	61	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		9/28/2004	3.7	4.1	<1.0	<2.0	62	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		10/26/2004	1.7	1.8	<1.0	<20	76	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		11/30/2004	1.4	1.5	<1.0	<2.0	**99**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		12/29/2004	1.3	1.3	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	130	NA	NA	NA
MW-13		2/1/2005	<1.0	<1.0	<1.0	<2.0	**140**	<1.0	<1.0	NA	NA	NA	NA	NA
MW-13		2/22/2005	3.1	2.5	<1.0	<2.0	**140**	<1.0	<1.0	NA	NA	NA	NA	NA
MW-13		3/30/2005	1.9	2.3	<1.0	<2.0	88	<1.0	<1.0	NA	NA	NA	<1.0	<1.0
MW-13		4/25/2005	4.0	3.3	<1.0	<2.0	**130**	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-13		5/24/2005	**8.1**	6.2	<1.0	<2.0	**100**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		6/29/2005	**6.7**	4.4	<1.0	<2.0	74	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		7/26/2005	**8.2**	6.2	<1.0	<2.0	63	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-13		8/30/2005	2.5	1.4	<1.0	<2.0	32	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		9/28/2005	**58**	5.1	<1.0	17.2	**160**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		10/26/2005	**25**	1.7	<1.0	2.5	49	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-13		11/28/2005	1.8	<1.0	<1.0	<2.0	6.3	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		12/29/2005	**15**	9.7	<1.0	4.0	6.7	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		1/24/2006	**30**	16	<1.0	7.4	10	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-13		2/21/2006	**200**	330	44	184	19	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		1/27/2009	**7.4**	1.5	7.5	89	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		4/28/2009	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13	Duplicate	10/7/2009	<1.0	<1.0	<1.0	5.9	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		10/7/2009	<1.0	<1.0	<1.0	7.5	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		1/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-13		4/12/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	NA	NA
MW-13		10/18/2010	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-13		1/12/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-13		4/13/2011	**64**	<5.0	<1.0	<3.0	18	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-13	Duplicate	4/13/2011	**69**	<5.0	<1.0	<3.0	18	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-13		7/14/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA

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SFPP, L.P.
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Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-13		10/12/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-13		1/17/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-13		4/3/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-13		4/3/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-13		7/11/2012	<1.0	7.7	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-13		10/24/2012	<1.0	<5.0	<1.0	<3.0	1.4	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-13		1/24/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-13		4/17/2013	<1.0	<5.0	2.1	6.6	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-13		7/10/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-13		10/8/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-13		1/16/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-13		4/21/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-13		7/14/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-13		10/1/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-13		1/20/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-13		4/17/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-14		11/24/2003	<0.5	<0.5	<0.5	<1.5	<0.5	4.9	<0.5	NA	NA	NA	NA	ND
MW-14		12/23/2003	<0.5	<0.5	<0.5	<1.5	<0.5	**6.9**	<0.5	NA	NA	NA	NA	NA
MW-14		1/29/2004	0.7	8.6	3.0	16.3	ND	3.0	ND	NA	NA	NA	NA	NA
MW-14		2/23/2004	ND	1.9	0.9	3.8	ND	2.7	ND	NA	NA	NA	NA	NA
MW-14		3/30/2004	<1.0	<1.0	<1.0	<2.0	<1.0	4.4	<1.0	NA	NA	NA	NA	NA
MW-14		4/28/2004	<1.0	<1.0	<1.0	<2.0	<1.0	3.4	<1.0	NA	NA	NA	NA	NA
MW-14		5/26/2004	<1.0	<1.0	<1.0	<2.0	<1.0	**9.3**	<1.0	<1.0	3.2	NA	NA	NA
MW-14		6/28/2004	<1.0	12	<1.0	<2.0	<1.0	**6.6**	<1.0	<1.0	2.9	NA	NA	NA
MW-14		7/29/2004	<1.0	1.9	<1.0	<2.0	<1.0	3.9	<1.0	<1.0	2.6	NA	NA	NA
MW-14		8/24/2004	<1.0	<1.0	<1.0	<2.0	<1.0	2.4	<1.0	<1.0	2.1	NA	NA	NA
MW-14		9/28/2004	<1.0	<1.0	<1.0	<2.0	<1.0	3.2	<1.0	<1.0	2.3	NA	NA	NA
MW-14		10/26/2004	<1.0	<1.0	<1.0	<2.0	<1.0	2.6	<1.0	<1.0	2.4	NA	NA	NA
MW-14		11/29/2004	<1.0	<1.0	<1.0	<2.0	<1.0	2.3	<1.0	<1.0	2.0	NA	NA	NA
MW-14		12/29/2004	<1.0	<1.0	<1.0	<2.0	<1.0	2.3	<1.0	<1.0	1.9	NA	NA	NA
MW-14	Duplicate	12/29/2004	<1.0	<1.0	<1.0	<2.0	<1.0	2.4	<1.0	<1.0	1.6	NA	NA	NA
MW-14	Duplicate	2/1/2005	<1.0	<1.0	<1.0	<2.0	1.3	1.2	<1.0	<1.0	1.7	NA	NA	NA
MW-14		2/1/2005	<1.0	<1.0	<1.0	<2.0	1.8	1.2	<1.0	<1.0	1.6	NA	NA	NA
MW-14		2/22/2005	<1.0	<1.0	<1.0	<2.0	1.8	1.1	<1.0	NA	NA	NA	NA	NA
MW-14		3/30/2005	<1.0	<1.0	<1.0	<2.0	2.3	3.6	<1.0	NA	NA	NA	<1.0	<1.0
MW-14		4/27/2005	<1.0	<1.0	<1.0	<2.0	1.8	1.5	<1.0	<1.0	1.8	NA	<2.0	NA
MW-14		5/25/2005	<1.0	<1.0	<1.0	<2.0	1.7	2.2	<1.0	<1.0	1.5	NA	<2.0	NA
MW-14		6/28/2005	<1.0	<1.0	<1.0	<2.0	2.3	2.9	<1.0	<1.0	1.5	NA	<2.0	NA
MW-14		7/26/2005	<1.0	<1.0	<1.0	<2.0	4.7	<1.0	<1.0	<1.0	2.5	NA	<2.0	NA
MW-14		8/30/2005	<1.0	<1.0	<1.0	<2.0	9.3	<1.0	<1.0	<1.0	1.5	NA	NA	NA
MW-14		9/28/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**5.8**	<1.0	<1.0	2.3	NA	NA	NA

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Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-14		10/25/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**7.2**	<1.0	<1.0	2.8	NA	<2.0	NA
MW-14		11/23/2005	<1.0	<1.0	<1.0	<2.0	3.2	1.5	<1.0	<1.0	1.8	NA	NA	NA
MW-14		12/28/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-14		1/24/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	1.4	NA	<2.0	NA
MW-14		2/21/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	1.3	NA	NA	NA
MW-14		3/29/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	2.2	NA	NA	NA
MW-14		4/26/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	1.8	NA	<2.0	NA
MW-14		5/24/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	1.8	NA	NA	NA
MW-14	Duplicate	6/27/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	1.2	NA	NA	NA
MW-14		6/27/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	1.4	NA	NA	NA
MW-14		8/3/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	1.2	NA	<2.0	NA
MW-14		8/31/2006	<1.0	<1.0	<1.0	<2.0	3.6	<1.0	<1.0	<1.0	1.8	NA	NA	NA
MW-14		9/27/2006	<1.0	<1.0	<1.0	<2.0	<1.0	4.4	<1.0	<1.0	3.3	NA	NA	NA
MW-14		10/25/2006	<1.0	<1.0	<1.0	<2.0	<1.0	**7.7**	<1.0	<1.0	3.1	NA	<2.0	NA
MW-14		11/21/2006	<1.0	<1.0	<1.0	<2.0	<1.0	**5.6**	<1.0	<1.0	1.8	NA	NA	NA
MW-14		12/28/2006	<1.0	<1.0	<1.0	<2.0	<1.0	1.8	<1.0	<1.0	1.4	NA	NA	NA
MW-14		1/31/2007	<1.0	<1.0	<1.0	<2.0	<1.0	1.8	<1.0	<1.0	1.4	NA	<2.0	NA
MW-14		4/25/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-14	Duplicate	7/24/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-14		7/24/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-14		10/23/2007	**5.8**	<1.0	<1.0	1.4	<1.0	**5.7**	<1.0	<1.0	2.1	NA	NA	NA
MW-14		1/30/2008	1.1	<0.5	<0.5	<1.5	8.0	1.2	<0.5	<0.5	0.7	NA	<5.0	NA
MW-14		4/23/2008	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-14		7/29/2008	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-14		10/14/2008	**11**	<1.0	<1.0	1.1	29	**6.4**	1.8	<1.0	1.7	NA	NA	NA
MW-14		1/27/2009	1.1	<1.0	<1.0	<2.0	2.7	1.2	<1.0	<1.0	<1.0	NA	NA	NA
MW-14	Duplicate	4/28/2009	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-14		4/28/2009	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-14		7/20/2009	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-14		10/6/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-14		1/19/2010	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-14		4/13/2010	3.9	<1.0	<1.0	<1.0	5.1	<1.0	<1.0	<1.0	<1.0	<10	NA	NA
MW-14		7/13/2010	<1.0	<5.0	<1.0	<3.0	1.2	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-14		10/20/2010	**21**	<5.0	<1.0	<3.0	23	2.6	<1.0	<1.0	<5.0	<50	NA	NA
MW-14		1/12/2011	3.4	<5.0	<1.0	<3.0	11	3.1	<1.0	<1.0	<5.0	<50	NA	NA
MW-14	Duplicate	4/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-14		4/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-14		7/13/2011	1.1	<5.0	<1.0	<3.0	4.8	1.6	<1.0	<1.0	<5.0	<50	NA	NA
MW-14		10/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-14		1/19/2012	**22**	<5.0	<1.0	<3.0	4.8	1.9	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-14		4/5/2012	<1.0	<5.0	<1.0	<3.0	<1.0	1.6	<1.0	<1.0	<5.0	<5.0	NA	NA

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-14		4/5/2012	<1.0	<5.0	<1.0	<3.0	<1.0	1.6	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-14		7/11/2012	<1.0	9.6	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-14		10/25/2012	<1.0	<5.0	<1.0	<3.0	<1.0	2.7	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-14		1/25/2013	<1.0	<5.0	<1.0	<3.0	<1.0	2.4	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-14		4/18/2013	<1.0	<5.0	<1.0	<3.0	<1.0	1.2	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-14		7/12/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-14		10/9/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-14		1/13/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-14		4/21/2014	<1.0	<5.0	<1.0	<3.0	<1.0	1.1	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-14		7/18/2014	<1.0	<5.0	<1.0	<3.0	<1.0	1.1	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-14		10/1/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-14		1/19/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-14		4/17/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-15		1/28/2004	1.0	12	4.3	22.2	ND	ND	ND	NA	NA	NA	NA	NA
MW-15		2/24/2004	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
MW-15		3/30/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
MW-15		4/26/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
MW-15		5/24/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		6/29/2004	<1.0	5.1	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		7/28/2004	<1.0	4.6	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		8/24/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		9/28/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		10/26/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		11/30/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		12/28/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		2/1/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		2/22/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		3/29/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0
MW-15		4/26/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-15		5/23/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		6/27/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		7/25/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-15		8/29/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		9/27/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		10/24/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	<1.0
MW-15		11/22/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		12/27/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		1/23/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	<1.0
MW-15		2/20/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		3/28/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		4/25/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	<1.0

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Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-15		5/23/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		6/27/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		8/1/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	<1.0
MW-15		8/29/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		9/26/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		10/24/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-15		11/20/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		12/27/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		1/29/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-15		4/24/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		7/24/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		10/22/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		1/28/2008	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<5.0	NA
MW-15		4/22/2008	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-15		7/28/2008	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-15		10/13/2008	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		1/26/2009	<1.0	1.3	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		4/27/2009	<1.0	1.3	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		7/21/2009	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		10/6/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		1/19/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-15		4/12/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	NA	NA
MW-15		7/12/2010	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-15		10/18/2010	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-15		1/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-15		4/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-15		7/12/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-15		10/10/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-15		1/16/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-15		4/2/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-15		4/2/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-15		7/9/2012	<1.0	11	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-15		10/22/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-15		1/21/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-15		4/15/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-15		7/8/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-15		10/7/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-15		1/13/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-15		4/21/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-15		7/14/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-16	Duplicate	11/24/2003	<0.5	<0.5	<0.5	<1.5	<0.5	2.8	<0.5	NA	NA	NA	NA	ND

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Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-16		11/24/2003	<0.5	<0.5	<0.5	<1.5	<0.5	2.8	<0.5	NA	NA	NA	NA	ND
MW-16		12/23/2003	<0.5	<0.5	<0.5	<1.5	<0.5	3.3	<0.5	NA	NA	NA	NA	NA
MW-16		1/29/2004	ND	5.1	1.9	10.1	ND	2.8	ND	NA	NA	NA	NA	NA
MW-16		2/24/2004	ND	0.7	ND	0.7	ND	2.8	ND	NA	NA	NA	NA	NA
MW-16	Duplicate	2/24/2004	ND	ND	ND	ND	ND	3.0	ND	NA	NA	NA	NA	NA
MW-16		3/31/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
MW-16		4/27/2004	<1.0	<1.0	<1.0	<2.0	<1.0	2.7	<1.0	NA	NA	NA	NA	NA
MW-16		5/25/2004	<1.0	<1.0	<1.0	<2.0	<1.0	4.1	<1.0	<1.0	2.3	NA	NA	NA
MW-16		6/30/2004	<1.0	4.3	<1.0	<2.0	<1.0	**5.0**	<1.0	<1.0	2.7	NA	NA	NA
MW-16		7/30/2004	<1.0	2.2	<1.0	<2.0	1.6	**5.1**	<1.0	<1.0	2.6	NA	NA	NA
MW-16		8/25/2004	<1.0	<1.0	<1.0	<2.0	1.5	**5.3**	<1.0	<1.0	2.3	NA	NA	NA
MW-16		9/28/2004	<1.0	<1.0	<1.0	<2.0	6.5	**6.6**	<1.0	<1.0	2.7	NA	NA	NA
MW-16		10/26/2004	<1.0	<1.0	<1.0	<2.0	21	**6.2**	<1.0	<1.0	2.8	NA	NA	NA
MW-16		11/30/2004	<1.0	<1.0	<1.0	<2.0	79	**6.3**	<1.0	<1.0	2.6	NA	NA	NA
MW-16	Duplicate	11/30/2004	<1.0	<1.0	<1.0	<2.0	88	**6.2**	<1.0	<1.0	2.5	NA	NA	NA
MW-16		12/29/2004	<1.0	<1.0	<1.0	<2.0	**390**	**5.5**	<1.0	<1.0	2.2	NA	NA	NA
MW-16		2/1/2005	<1.0	<1.0	<1.0	<2.0	**470**	3.8	<1.0	<1.0	2.0	NA	NA	NA
MW-16		2/23/2005	<1.0	<1.0	<1.0	<2.0	**1,100**	4.4	<1.0	<1.0	NA	NA	NA	NA
MW-16		3/31/2005	<2.0	<2.0	<2.0	<2.0	**1,200**	4.6	<2.0	NA	NA	NA	<2.0	<1.0
MW-16		4/27/2005	<1.0	<1.0	<1.0	<2.0	**2,000**	4.5	<1.0	<1.0	2.0	NA	<2.0	NA
MW-16		5/25/2005	**15**	<5.0	<5.0	<10	**2,600**	**6.0**	**<5.0**	<5.0	<5.0	NA	NA	NA
MW-16		6/29/2005	**170**	<5.0	<5.0	18	**5,800**	**5.2**	<1.0	<1.0	<5.0	NA	NA	NA
MW-16		7/27/2005	**320**	<10	<10	35	**7,200**	<1.0	**<10**	<1.0	2.0	NA	<2.0	NA
MW-16		8/31/2005	**1,400**	<1.0	<1.0	164	**14,000**	<1.0	<1.0	<1.0	2.0	NA	NA	NA
MW-16		9/29/2005	**260**	24	5.3	74	**7,700**	**8.4**	<1.0	<1.0	1.6	NA	NA	NA
MW-16		10/26/2005	**410**	2.6	<1.0	29.5	**8,400**	**7.6**	<1.0	<1.0	1.7	NA	0.21	NA
MW-16		11/28/2005	**640**	5.3	<1.0	48	**10,000**	**5.4**	<1.0	<1.0	1.6	NA	NA	NA
MW-16		12/29/2005	**480**	<20	<20	20	**20,000**	**<20**	**<40**	<20	<20	NA	NA	NA
MW-16		1/25/2006	**1,700**	<100	<100	<200	**31,000**	**<100**	**<100**	**<100**	<100	NA	NA	NA
MW-16		2/22/2006	**2,200**	<50	<50	<100	**33,000**	**<50**	**<50**	<50	<50	NA	NA	NA
MW-16		3/30/2006	**2,300**	54	<10	264	**36,000**	**<10**	**<10**	<20	<20	NA	NA	NA
MW-16		4/27/2006	**3,700**	82	<20	340	**53,000**	**<20**	**<20**	<20	<20	NA	NA	NA
MW-16		5/25/2006	**6,400**	180	<100	650	**33,000**	**<100**	**<100**	**<100**	<100	NA	NA	NA
MW-16		6/29/2006	**4,200**	<500	<500	<1,000	**80,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-16		8/3/2006	**4,900**	<500	<500	<1,000	**87,000**	**<500**	**<500**	**<500**	<500	NA	<2.0	NA
MW-16		8/31/2006	**5,100**	<500	<500	<1,000	**91,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-16		9/28/2006	**4,200**	<500	<500	<1,000	**79,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-16		10/26/2006	**3,800**	<500	<500	<1,000	**74,000**	**<500**	**<500**	**<500**	<500	NA	<2.0	NA
MW-16		11/22/2006	**3,900**	<500	<500	<1,000	**76,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-16		12/29/2006	**5,300**	<500	<500	<1,000	**95,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-16		1/31/2007	**6,100**	<500	<500	<1,000	**100,000**	**<500**	**<500**	**<500**	<500	NA	<2.0	NA

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-16		4/26/2007	**6,700**	<500	<500	<1,000	**120,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-16		7/26/2007	**8,400**	<500	<500	<1,000	**140,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-16		10/25/2007	**7,800**	45	6.8	47	**120,000**	3.6	1.7	<1.0	<1.0	NA	NA	NA
MW-16		1/31/2008	**9,000**	28	6.5	32	**180,000**	**<5.0**	**<5.0**	<5.0	<5.0	NA	<5.0	NA
MW-16		4/24/2008	**8,900**	18	4.0	17.2	**210,000**	<2.5	<2.5	<2.5	<2.5	NA	NA	NA
MW-16		8/1/2008	**9,000**	80	<50	<150	**160,000**	**<50**	**<50**	<50	<50	NA	NA	NA
MW-16		10/16/2008	**3,700**	140	<25	73	**47,000**	**<50**	**<50**	<50	<50	NA	NA	NA
MW-16		1/29/2009	**4,400**	<100	<100	<200	**100,000**	**<200**	**<200**	**<200**	<200	NA	NA	NA
MW-16		4/30/2009	**2,600**	<100	<100	<200	**100,000**	**<200**	**<200**	**<200**	<200	NA	NA	NA
MW-16		7/23/2009	**4,200**	<100	<100	<200	**91,000**	**<200**	**<200**	**<200**	<200	NA	NA	NA
MW-16		10/8/2009	**2,600**	<250	<250	<250	**71,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-16		1/22/2010	**2,600**	<50	<50	<50	**80,000**	**<100**	**<100**	**<100**	<100	NA	NA	NA
MW-16		4/15/2010	**2,700**	<250	<250	<250	**85,000**	**<500**	**<500**	**<500**	<500	8,000	NA	NA
MW-16		7/14/2010	**1,300**	<500	<100	<300	**64,000**	**<100**	**<100**	**<100**	<500	<5,000	NA	NA
MW-16	Duplicate	7/14/2010	**1,500**	<250	<50	<150	**72,000**	**<50**	**<50**	<50	<250	<2,500	NA	NA
MW-16		10/21/2010	**1,300**	<100	<20	<60	**46,000**	**<20**	**<20**	<20	<100	<25,000	NA	NA
MW-16		1/14/2011	**1,700**	**<2,500**	<500	<1,500	**37,000**	**<500**	**<500**	**<500**	<2,500	<25,000	NA	NA
MW-16		4/14/2011	**760**	<250	<50	<150	**45,000**	**<50**	**<50**	<50	<250	4,800	NA	NA
MW-16		7/15/2011	**840**	**<1,200**	<250	<750	**66,000**	**<250**	**<250**	**<250**	<1,200	<12,000	NA	NA
MW-16	Duplicate	7/15/2011	**850**	**<1,200**	<250	<750	**60,000**	**<250**	**<250**	**<250**	<1,200	<12,000	NA	NA
MW-16		10/13/2011	**870**	<500	<100	<300	**57,000**	**<100**	**<100**	**<100**	<500	23,000	NA	NA
MW-16		1/20/2012	**1,600**	<120	25	<75	**37,000**	**<25**	**<25**	<25	<120	6,000	NA	NA
MW-16		4/5/2012	**2,000**	66	28	38	**50,000**	<1.0	<1.0	<1.0	<5.0	16,000	NA	NA
MW-16		4/5/2012	**2,000**	66	28	38	**50,000**	<1.0	<1.0	<1.0	<5.0	16,000	NA	NA
MW-16		7/13/2012	**150**	<100	<20	<60	**6,200**	**<20**	**<20**	<20	<100	1,900	NA	NA
MW-16		10/29/2012	**1,700**	<250	94	<150	**34,000**	**<50**	**<50**	<50	<250	9,200	NA	NA
MW-16		1/29/2013	**1,600**	140	110	<60	**32,000**	**<20**	**<20**	<20	<100	9,800	NA	NA
MW-16		4/22/2013	<1.0	<5.0	<1.0	<3.0	**610**	3.2	<1.0	<1.0	<5.0	930	NA	NA
MW-16		7/12/2013	**2,300**	<250	96	<150	**28,000**	**<50**	**<50**	<50	<250	12,000	NA	NA
MW-16		10/10/2013	**700**	**<1,200**	<250	<750	**4,900**	**<250**	**<250**	**<250**	<1,200	7,500	NA	NA
MW-16		1/20/2014	**<200**	**<1,000**	<200	<600	**1,300**	**<200**	**<200**	**<200**	<1,000	5,700	NA	NA
MW-16		4/25/2014	**940**	**<1,000**	<200	<600	**4,200**	**<200**	**<200**	**<200**	<1,000	7,700	NA	NA
MW-16		7/22/2014	**1,600**	**<1,000**	<200	<600	**5,200**	**<200**	**<200**	**<200**	<1,000	8,900	NA	NA
MW-16		10/7/2014	**1,100**	**<1,000**	<200	<600	**3,400**	**<200**	**<200**	**<200**	<1,000	6,500	NA	NA
MW-16	Duplicate	1/26/2015	**210**	<5.0	1.3	<3.0	**480**	<1.0	<1.0	<1.0	<5.0	3,400	NA	NA
MW-16		1/26/2015	**280**	<25	<5.0	<15	**630**	**<5.0**	**<5.0**	<5.0	<25	4,800	NA	NA
MW-16		4/23/2015	**41**	<5.0	<1.0	<3.0	**160**	<1.0	<1.0	<1.0	<5.0	730	NA	NA
MW-16	Duplicate	4/23/2015	**60**	<5.0	<1.0	<3.0	**140**	<1.0	<1.0	<1.0	<5.0	750	NA	NA
MW-17		4/28/2014	**190**	<25	180	170	**13,000**	**<5.0**	**<5.0**	<5.0	<25	40,000	NA	NA
MW-17		7/17/2014	**<250**	**<1,200**	280	<750	**23,000**	**<250**	**<250**	**<250**	<1,200	12,000	NA	NA
MW-17		10/8/2014	**<100**	<500	<100	<300	**6,800**	**<100**	**<100**	**<100**	<500	3,200	NA	NA

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Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-17		1/23/2015	<1.0	<5.0	<1.0	<3.0	14	<1.0	<1.0	<1.0	<5.0	64	NA	NA
MW-17		4/23/2015	4.52	<5.0	5.98	17.9	**20,000**	<1.0	2.83	1.28	<5.0	10,000	NA	NA
MW-18		1/30/2004	ND	4.6	1.6	8.6	**180**	4.0	<1.0	**<500**	<500	NA	<2.0	NA
MW-18	Duplicate	2/24/2004	ND	1.4	ND	ND	**930**	3.0	ND	NA	NA	NA	NA	NA
MW-18		2/24/2004	ND	1.6	0.6	2.2	**600**	2.7	ND	NA	NA	NA	NA	NA
MW-18	Duplicate	3/31/2004	<1.0	<1.0	<1.0	<2.0	**2,200**	3.2	<1.0	NA	NA	NA	NA	NA
MW-18		3/31/2004	<1.0	<1.0	<1.0	<2.0	<1.0	3.4	<1.0	NA	NA	NA	NA	NA
MW-18		4/28/2004	1.2	<1.0	<1.0	<2.0	**6,400**	2.7	<1.0	NA	NA	NA	NA	NA
MW-18	Duplicate	4/28/2004	<1.0	<1.0	<1.0	<2.0	**4,800**	2.5	<1.0	NA	NA	NA	NA	NA
MW-18		5/26/2004	**230**	5.2	<1.0	42	**17,000**	4.9	<1.0	<1.0	2.2	NA	NA	NA
MW-18		6/30/2004	**650**	<50	<50	<100	**28,000**	**<50**	**<50**	<1.0	<50	NA	NA	NA
MW-18		7/30/2004	**1,700**	95	<1.0	270	**51,000**	3.5	<1.0	<1.0	<1.0	NA	NA	NA
MW-18	Duplicate	7/30/2004	**1,800**	100	<1.0	290	**46,000**	3.6	<1.0	<1.0	<1.0	NA	NA	NA
MW-18		8/26/2004	**2,200**	95	<500	<500	**51,000**	**<500**	**<500**	<1.0	<500	NA	NA	NA
MW-18		9/29/2004	**3,100**	180	<50	710	**91,000**	**<50**	**<50**	<1.0	<50	NA	NA	NA
MW-18		10/27/2004	**2,900**	180	<100	720	**110,000**	**<100**	**<100**	<1.0	<100	NA	NA	NA
MW-18		12/1/2004	**3,800**	260	1.9	1,030	**120,000**	1.4	<1.0	<1.0	<1.0	NA	NA	NA
MW-18	Duplicate	12/1/2004	**4,500**	290	2.0	1,100	**120,000**	1.5	<1.0	<1.0	<1.0	NA	NA	NA
MW-18		12/30/2004	**3,700**	310	<200	790	**170,000**	**<200**	**<200**	<1.0	<200	NA	NA	NA
MW-18		2/3/2005	**3,300**	420	**930**	1,480	**100,000**	**<200**	**<200**	<1.0	<200	NA	NA	NA
MW-18		2/24/2005	**3,700**	530	<201	2,170	**120,000**	**<200**	**<200**	<1.0	<200	NA	NA	NA
MW-18		7/23/2009	**6,800**	780	370	680	**30,000**	**<100**	**<100**	**<100**	<100	NA	NA	NA
MW-18		4/15/2010	**2,900**	46	150	58	**9,000**	**<30**	**<30**	<30	<30	<300	NA	NA
MW-18		10/21/2010	**6,800**	<120	240	<75	**19,000**	**<25**	**<25**	<25	<120	<12,000	NA	NA
MW-18	Duplicate	10/21/2010	**8,800**	<100	280	<60	**25,000**	**<20**	**<20**	<20	<100	<12,000	NA	NA
MW-18	Duplicate	1/13/2011	**5,300**	**<1,200**	<250	<750	**16,000**	**<250**	**<250**	**<250**	<1,200	<12,000	NA	NA
MW-18		1/13/2011	**5,500**	**<1,000**	210	<600	**17,000**	**<200**	**<200**	**<200**	<1,000	<10,000	NA	NA
MW-18		4/13/2011	**2,100**	<120	52	<75	**10,000**	**<25**	**<25**	41	<120	<1,200	NA	NA
MW-18		1/20/2012	**3,200**	**1,200**	240	490	**14,000**	**<25**	**<25**	<25	<120	2,900	NA	NA
MW-18		4/6/2012	**2,000**	310	100	<150	**13,000**	**<50**	**<50**	<50	<250	3,200	NA	NA
MW-18	Duplicate	4/6/2012	**2,300**	320	110	<150	**15,000**	**<50**	**<50**	<50	<250	3,600	NA	NA
MW-18		7/17/2014	**<50**	<250	<50	580	**5,900**	**<50**	**<50**	<50	<250	2,700	NA	NA
MW-18	Duplicate	10/8/2014	**<25**	<120	<25	650	**3,600**	**<25**	**<25**	<25	<120	880	NA	NA
MW-18		10/8/2014	**<250**	**<1,200**	<250	<750	**3,700**	**<250**	**<250**	**<250**	<1,200	<1,200	NA	NA
MW-18		1/23/2015	**<5.0**	<25	25	280	**1,800**	**<5.0**	**<5.0**	<5.0	<25	760	NA	NA
MW-18	Duplicate	4/22/2015	**96**	310	63	1,100	**5,300**	**<5.0**	**<5.0**	<5.0	<25	2,500	NA	NA
MW-18		4/22/2015	**110**	330	59	1,000	**6,500**	**<5.0**	**<5.0**	<5.0	<25	5,400	NA	NA
MW-19		10/15/2008	**25,000**	**21,000**	**1,400**	6,000	**88,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-19		10/14/2011	**<250**	**<1,200**	<250	<750	**18,000**	**<250**	**<250**	**<250**	<1,200	<12,000	NA	NA
MW-19		1/18/2012	**<200**	**<1,000**	<200	<600	**24,000**	**<200**	**<200**	**<200**	<1,000	<1,000	NA	NA
MW-19		4/5/2012	**45**	<5.0	2.7	24	**22,000**	1.2	<1.0	<1.0	<5.0	2,100	NA	NA

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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-19		4/5/2012	**45**	<5.0	2.7	24	**22,000**	1.2	<1.0	<1.0	<5.0	2,100	NA	NA
MW-19	Duplicate	7/12/2012	1.5	7.5	<1.0	22	**12,000**	1.1	<1.0	<1.0	<5.0	1,400	NA	NA
MW-19		7/12/2012	**<200**	**<1,000**	<200	<600	**10,000**	**<200**	**<200**	**<200**	<1,000	1,100	NA	NA
MW-19		10/24/2012	**<10**	<50	<10	<30	**18,000**	**<10**	**<10**	<10	<50	5,400	NA	NA
MW-19		1/25/2013	**<10**	<50	<10	<30	**11,000**	**<10**	**<10**	<10	<50	5,300	NA	NA
MW-19		4/19/2013	**<250**	**<1,200**	<250	<750	**3,500**	**<250**	**<250**	**<250**	<1,200	4,600	NA	NA
MW-19		7/11/2013	**<25**	<120	<25	<75	**2,200**	**<25**	**<25**	<25	<120	1,000	NA	NA
MW-19		10/10/2013	**<20**	<100	<20	<60	**2,300**	**<20**	**<20**	<20	<100	560	NA	NA
MW-19		1/17/2014	<1.0	<5.0	<1.0	22	**1,300**	1.1	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-19		4/23/2014	<1.0	<5.0	<1.0	<3.0	**160**	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-19		7/17/2014	<1.0	<5.0	<1.0	9.1	9.5	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-19		10/8/2014	<1.0	<5.0	<1.0	12	2.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-19		1/23/2015	<1.0	<5.0	<1.0	<3.0	9.5	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-19		4/23/2015	<1.0	<5.0	<1.0	28	**150**	<1.0	<1.0	<1.0	<5.0	<25	NA	NA
MW-20		9/28/2005	**9,400**	**18,000**	**1,500**	**10,800**	**19,000**	**<100**	**<100**	**<100**	<100	NA	NA	NA
MW-20		10/26/2005	**6,500**	**12,000**	**1,300**	6,500	**9,000**	**<100**	**<100**	**<100**	<100	NA	0.31	NA
MW-20		10/24/2007	**830**	290	120	460	**3,600**	1.4	<1.0	<1.0	<1.0	NA	NA	NA
MW-20		1/31/2008	**370**	280	36	216	**1,100**	**<5.0**	**<5.0**	<5.0	<5.0	NA	<5.0	NA
MW-20		4/23/2008	**460**	140	46	226	**1,500**	<2.5	<2.5	<2.5	<2.5	NA	NA	NA
MW-20		8/1/2008	**110**	6.8	<2.5	16	**180**	<2.5	<2.5	<2.5	<2.5	NA	NA	NA
MW-20		10/15/2008	**650**	380	70	560	**4,000**	**<10**	**<10**	<10	<10	NA	NA	NA
MW-20		1/28/2009	**770**	62	210	242	**3,600**	**<10**	**<10**	<10	<10	NA	NA	NA
MW-20		4/30/2009	**200**	10	52	12.3	**1,200**	2.1	<2.0	<2.0	<2.0	NA	NA	NA
MW-20		7/22/2009	**33**	<1.0	1.9	1.6	**520**	2.2	<2.0	<2.0	<2.0	NA	NA	NA
MW-20		10/8/2009	<1.0	<1.0	<1.0	<1.0	**250**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-20		1/21/2010	3.7	<1.0	1.2	<1.0	**170**	1.2	<1.0	<1.0	<1.0	NA	NA	NA
MW-20		4/14/2010	**85**	<1.0	<1.0	<1.0	59	<2.0	<2.0	<2.0	<2.0	21	NA	NA
MW-20		10/20/2010	<1.0	<5.0	<1.0	<3.0	3.3	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-20		1/13/2011	**64**	<5.0	<1.0	<3.0	14	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-20		4/12/2011	<1.0	<5.0	<1.0	8.4	3.1	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-20		7/13/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-20		10/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-20		1/18/2012	<1.0	<5.0	<1.0	<3.0	1.2	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-20		4/4/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-20		4/4/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-20		7/11/2012	<1.0	6.9	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-20		10/24/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-20		1/23/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-20		4/18/2013	1.3	<5.0	1.9	<3.0	2.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-20	Duplicate	4/18/2013	1.4	<5.0	1.8	<3.0	2.2	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-20		7/9/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA

Table 1
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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-20		10/7/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-20		1/14/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-20	Duplicate	4/23/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-20		4/23/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-20		7/17/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-20		10/3/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	6.1	NA	NA
MW-20		1/20/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-20		4/21/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-21		2/12/2004	**320**	220	14	153	**2,500,000**	NA	NA	NA	NA	NA	NA	NA
MW-21	Duplicate	2/12/2004	**360**	220	ND	13	**19,000**	NA	NA	NA	NA	NA	NA	NA
MW-21		2/25/2004	**1,200**	970	63	209	**21,000**	ND	ND	NA	NA	NA	NA	NA
MW-21	Duplicate	2/25/2004	**1,700**	**1,200**	110	360	**27,000**	ND	ND	NA	NA	NA	NA	NA
MW-21		3/31/2004	**4,800**	**3,600**	200	1,570	**97,000**	<1.0	<1.0	NA	NA	NA	NA	NA
MW-21		10/24/2007	**1,000**	62	2.2	52	**9,800**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-21		1/30/2008	**500**	9.9	<5.0	6.1	**9,100**	**<5.0**	**<5.0**	<5.0	<5.0	NA	<5.0	NA
MW-21		4/24/2008	**450**	5.4	<2.5	<5.0	**8,100**	<2.5	<2.5	<2.5	<2.5	NA	NA	NA
MW-21		7/31/2008	**1,100**	11	<5.0	<15	**14,000**	**<5.0**	**<5.0**	<5.0	<5.0	NA	NA	NA
MW-21	Duplicate	7/31/2008	**1,100**	12	<5.0	<15	**14,000**	**<5.0**	**<5.0**	<5.0	<5.0	NA	NA	NA
MW-21		10/16/2008	**2,100**	200	20	99	**15,000**	**<20**	**<20**	<20	<20	NA	NA	NA
MW-21		1/28/2009	**3,100**	<25	<25	<50	**28,000**	**<50**	**<50**	<50	<50	NA	NA	NA
MW-21		4/29/2009	**2,800**	<20	<20	<40	**25,000**	**<40**	**<40**	<40	<40	NA	NA	NA
MW-21		7/23/2009	**4,500**	<50	<50	<100	**29,000**	**<100**	**<100**	**<100**	<100	NA	NA	NA
MW-21		10/8/2009	**4,900**	<100	<100	<100	**29,000**	**<200**	**<200**	**<200**	<200	NA	NA	NA
MW-21		1/21/2010	**7,300**	<50	<50	<50	**42,000**	**<100**	**<100**	**<100**	<100	NA	NA	NA
MW-21		4/14/2010	**4,300**	<50	<50	<50	**26,000**	**<100**	**<100**	**<100**	<100	<1,000	NA	NA
MW-21		10/21/2010	**1,600**	<120	<25	<75	**22,000**	**<25**	**<25**	<25	<120	<25,000	NA	NA
MW-21		1/13/2011	**2,300**	**<1,000**	<200	<600	**27,000**	**<200**	**<200**	**<200**	<1,000	<10,000	NA	NA
MW-21		4/13/2011	**1,600**	<120	<25	<75	**20,000**	**<25**	**<25**	<25	<120	<1,200	NA	NA
MW-21		7/15/2011	**1,600**	<250	<50	<150	**16,000**	**<50**	**<50**	<50	<250	<2,500	NA	NA
MW-21		10/13/2011	**1,100**	<500	<100	<300	**12,000**	**<100**	**<100**	**<100**	<500	6,200	NA	NA
MW-21		1/19/2012	**15**	<5.0	<1.0	<3.0	**8,900**	<1.0	<1.0	<1.0	<5.0	36	NA	NA
MW-21		4/5/2012	**590**	**<1,200**	<250	<750	**11,000**	**<250**	**<250**	**<250**	<1,200	4,000	NA	NA
MW-21		4/5/2012	**590**	**<1,200**	<250	<750	**11,000**	**<250**	**<250**	**<250**	<1,200	4,000	NA	NA
MW-21		7/12/2012	**120**	<50	<10	<30	**17,000**	**<10**	**<10**	<10	<50	5,600	NA	NA
MW-21		10/26/2012	**<25**	<120	<25	<75	**14,000**	**<25**	**<25**	<25	<120	4,100	NA	NA
MW-21		1/28/2013	**<50**	<250	<50	<150	**13,000**	**<50**	**<50**	<50	<250	5,600	NA	NA
MW-21		4/22/2013	**8.4**	<5.0	1.6	<3.0	**24,000**	<1.0	<1.0	<1.0	<5.0	17,000	NA	NA
MW-21		10/10/2013	**<200**	**<1,000**	<200	<600	**38,000**	**<200**	**<200**	**<200**	<1,000	9,700	NA	NA
MW-21		1/20/2014	**<200**	**<1,000**	<200	<600	**33,000**	**<200**	**<200**	**<200**	<1,000	15,000	NA	NA
MW-21		4/25/2014	**<1,000**	**<5,000**	**<1,000**	<3,000	**42,000**	**<1,000**	**<1,000**	**<1,000**	<5,000	13,000	NA	NA
MW-21	Duplicate	4/25/2014	**<25**	<120	<25	<75	**33,000**	**<25**	**<25**	<25	<120	13,000	NA	NA

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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-21	Duplicate	7/18/2014	**<100**	<500	<100	<300	**32,000**	**<100**	**<100**	**<100**	<500	10,000	NA	NA
MW-21		7/18/2014	**<100**	<500	<100	<300	**36,000**	**<100**	**<100**	**<100**	<500	12,000	NA	NA
MW-21		10/8/2014	**<10**	<50	<10	<30	**40,000**	**<10**	**<10**	<10	<50	9,200	NA	NA
MW-21		1/26/2015	**<5.0**	<25	<5.0	<15	**24,000**	**<5.0**	**<5.0**	<5.0	<25	33,000	NA	NA
MW-21		4/23/2015	1.4	<5.0	<1.0	<3.0	**6,600**	<1.0	<1.0	<1.0	<5.0	14,000	NA	NA
MW-22		2/17/2004	ND	2.0	0.9	3.9	ND	ND	ND	NA	NA	NA	ND	NA
MW-22		2/25/2004	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
MW-22		3/30/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
MW-22		4/27/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
MW-22		5/25/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		6/30/2004	<1.0	5.4	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		7/30/2004	<1.0	1.3	<1.0	<2.0	3.5	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		8/25/2004	<1.0	<1.0	<1.0	<2.0	3.9	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		9/29/2004	<1.0	<1.0	<1.0	<2.0	3.8	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		10/27/2004	<1.0	<1.0	<1.0	<2.0	2.6	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		12/1/2004	<1.0	<1.0	<1.0	<2.0	2.4	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		12/30/2004	<1.0	<1.0	<1.0	<2.0	5.5	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		2/2/2005	<1.0	<1.0	<1.0	<2.0	11	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		2/24/2005	<1.0	<1.0	<1.0	<2.0	15	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22	Duplicate	3/30/2005	<1.0	<1.0	<1.0	<2.0	32	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0
MW-22		3/30/2005	<1.0	<1.0	<1.0	<2.0	33	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0
MW-22		4/27/2005	<1.0	<1.0	<1.0	<2.0	55	<1.0	<1.0	NA	NA	NA	<2.0	NA
MW-22	Duplicate	5/24/2005	<1.0	<1.0	<2.0	<1.0	68	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		5/24/2005	<1.0	<1.0	<2.0	<1.0	70	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		6/28/2005	<1.0	<1.0	<2.0	<1.0	52	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22	Duplicate	7/26/2005	<1.0	<1.0	<2.0	<1.0	35	<1.0	<1.0	<1.0	<1.0	NA	<2.0	<1.0
MW-22		7/26/2005	<1.0	<1.0	<2.0	<1.0	35	<1.0	<1.0	<1.0	<1.0	NA	<2.0	<1.0
MW-22		8/31/2005	<1.0	<1.0	<1.0	<2.0	14	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		9/28/2005	<1.0	<1.0	<1.0	<2.0	8.8	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		10/25/2005	<1.0	<1.0	<1.0	<2.0	23	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-22		11/23/2005	<1.0	<1.0	<1.0	<2.0	22	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22	Duplicate	12/28/2005	<1.0	<1.0	<1.0	<2.0	43	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		12/28/2005	<1.0	<1.0	<1.0	<2.0	49	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		1/24/2006	<1.0	<1.0	<1.0	<2.0	49	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-22		2/21/2006	<1.0	<1.0	<1.0	<2.0	24	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22	Duplicate	2/21/2006	<1.0	<1.0	<1.0	<2.0	26	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		3/29/2006	<1.0	<1.0	<1.0	<2.0	11	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		4/26/2006	<1.0	<1.0	<1.0	<2.0	7.8	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-22		5/24/2006	<1.0	<1.0	<1.0	<2.0	5.6	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		6/28/2006	<1.0	<1.0	<1.0	<2.0	1.9	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		8/2/2006	<1.0	<1.0	<1.0	<2.0	1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA

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Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-22		8/30/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		9/27/2006	<1.0	<1.0	<1.0	<2.0	1.3	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		10/25/2006	<1.0	<1.0	<1.0	<2.0	4.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-22		11/21/2006	<1.0	<1.0	<1.0	<2.0	3.6	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22	Duplicate	12/28/2006	<1.0	<1.0	<1.0	<2.0	3.2	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		12/28/2006	<1.0	<1.0	<1.0	<2.0	3.2	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		1/30/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-22		4/25/2007	<1.0	<1.0	<1.0	<2.0	1.1	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22	Duplicate	4/25/2007	<1.0	<1.0	<1.0	<2.0	1.3	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		7/26/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		10/22/2007	<1.0	<1.0	<1.0	<2.0	1.1	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		1/29/2008	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<5.0	NA
MW-22		4/22/2008	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-22		7/30/2008	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-22		10/14/2008	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		1/26/2009	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		4/27/2009	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		7/21/2009	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		10/7/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22	Duplicate	1/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		1/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-22		4/13/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	NA	NA
MW-22		7/13/2010	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-22		10/19/2010	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-22		1/12/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-22		4/12/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-22		7/12/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-22	Duplicate	10/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-22		10/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-22		1/18/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-22		4/3/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-22		4/3/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-22		7/11/2012	<1.0	8.7	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-22		10/23/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-22	Duplicate	1/22/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-22		1/22/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-22		4/18/2013	<1.0	<5.0	1.1	3.5	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-22		7/10/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-22		10/9/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-22		1/14/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-22		4/23/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-22		7/15/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-22		10/2/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-22	Duplicate	1/19/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-22		1/19/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-22		4/22/2015	<1.0	<5.0	<1.0	<3.0	<1.0	1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-23		2/17/2004	ND	ND	0.6	3.1	ND	ND	ND	<1.0	<1.0	NA	ND	NA
MW-23		2/25/2004	ND	1.0	ND	2.1	ND	ND	ND	NA	NA	NA	NA	NA
MW-23		3/30/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
MW-23		4/27/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
MW-23		5/25/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		6/30/2004	<1.0	6.8	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		7/30/2004	<1.0	1.6	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		8/25/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		9/28/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		10/25/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		11/30/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		12/29/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		2/2/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		2/23/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		3/30/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0
MW-23		4/26/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0
MW-23		5/24/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		6/28/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA
MW-23		7/26/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA
MW-23	Duplicate	8/30/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		8/30/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		9/27/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		10/24/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	NA
MW-23		11/23/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		12/27/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		1/23/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-23		2/20/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23	Duplicate	3/28/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		3/28/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		4/25/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-23		5/23/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		6/28/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		8/2/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-23		8/30/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		9/27/2006	2.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		10/24/2006	1.8	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-23		11/21/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		12/27/2006	3.1	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23	Duplicate	1/30/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		1/30/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-23		4/25/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	1.1	<1.0	<1.0	NA	NA	NA
MW-23		7/24/2007	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	1.1	<1.0	<1.0	NA	NA	NA
MW-23		10/23/2007	<1.0	<1.0	<1.0	<2.0	<1.0	1.3	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		1/28/2008	<0.5	<0.5	<0.5	<1.5	<0.5	1.3	<0.5	<0.5	<0.5	NA	<5.0	NA
MW-23		4/22/2008	<0.5	<0.5	<0.5	<1.5	<0.5	1.6	<0.5	<0.5	<0.5	NA	NA	NA
MW-23		7/30/2008	<0.5	<0.5	<0.5	<1.5	<0.5	1.2	<0.5	<0.5	0.7	NA	NA	NA
MW-23		10/14/2008	<1.0	<1.0	<1.0	<1.0	<1.0	2.4	<1.0	<1.0	1.1	NA	NA	NA
MW-23		1/27/2009	<1.0	<1.0	<1.0	<2.0	<1.0	1.6	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		4/28/2009	<1.0	1.2	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		7/21/2009	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		10/7/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		1/20/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-23		4/13/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	NA	NA
MW-23		7/13/2010	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-23		10/19/2010	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-23		1/12/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-23		4/12/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-23		7/12/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-23		10/11/2011	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-23		1/17/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-23	Duplicate	4/3/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-23		4/3/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-23		4/3/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-23	Duplicate	7/10/2012	<1.0	9.1	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-23		7/10/2012	<1.0	12	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-23		10/23/2012	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-23		1/22/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-23		4/16/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-23		7/9/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-23		10/7/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-23		1/14/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-23		4/23/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-23		7/16/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-24		2/24/2004	ND	0.6	ND	0.6	ND	**18**	ND	NA	NA	NA	NA	NA
MW-24		3/29/2004	<1.0	<1.0	<1.0	<2.0	<1.0	**18**	<1.0	NA	NA	NA	NA	NA
MW-24		4/28/2004	<1.0	<1.0	<1.0	<2.0	<1.0	**15**	<1.0	NA	NA	NA	NA	NA
MW-24		5/26/2004	<1.0	<1.0	<1.0	<2.0	<1.0	**15**	<1.1	<1.0	2.2	NA	NA	NA

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-24	Duplicate	6/29/2004	<1.0	8.2	<1.0	<2.0	<1.0	**13**	<1.0	<1.0	1.8	NA	NA	NA
MW-24		6/29/2004	<1.0	10	<1.0	<2.0	<1.0	**14**	<1.1	<1.0	2.1	NA	NA	NA
MW-24		7/30/2004	<1.0	10	<1.0	<2.0	<1.0	**12**	<1.1	<1.0	2.2	NA	NA	NA
MW-24		8/25/2004	<1.0	<1.0	<1.0	<2.0	<1.0	**10**	<1.1	<1.0	1.9	NA	NA	NA
MW-24		9/29/2004	<1.0	<1.0	<1.0	<2.0	<1.0	**11**	<1.0	<1.0	2.0	NA	NA	NA
MW-24		10/25/2004	<1.0	<1.0	<1.0	<2.0	<1.0	**11**	<1.0	<1.0	2.0	NA	NA	NA
MW-24		12/1/2004	<1.0	<1.0	<1.0	<2.0	<1.0	**9.3**	<1.0	<1.0	1.8	NA	NA	NA
MW-24		12/30/2004	<1.0	<1.0	<1.0	<2.0	<1.0	**9.2**	<1.0	<1.0	1.8	NA	NA	NA
MW-24		2/3/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**8.5**	<1.0	<1.0	1.5	NA	NA	NA
MW-24		2/24/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**8.8**	<1.0	<1.0	1.7	NA	NA	NA
MW-24		3/31/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**7.1**	<1.0	<1.0	1.3	NA	1.3	<1.0
MW-24		4/27/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**7.4**	<1.0	<1.0	1.6	NA	<2.0	NA
MW-24		5/25/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**8.2**	<1.0	<1.0	1.4	NA	NA	NA
MW-24	Duplicate	6/28/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**7.6**	<1.0	<1.0	1.6	NA	NA	NA
MW-24		6/28/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**8.1**	<1.0	<1.0	1.7	NA	<2.1	NA
MW-24		7/27/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**7.1**	<1.0	<1.0	2.6	NA	<2.0	NA
MW-24		8/31/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**7.7**	<1.0	<1.0	1.8	NA	NA	NA
MW-24		9/29/2005	4.6	36	8.1	64	<1.0	**7.2**	<1.0	<1.0	1.5	NA	NA	NA
MW-24		10/25/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**7.1**	<1.0	<1.0	1.4	NA	<2.0	NA
MW-24		11/28/2005	<1.0	<1.0	<1.0	<2.0	5.5	**7.8**	<1.0	<1.0	1.6	NA	NA	NA
MW-24		12/29/2005	<1.0	<1.0	<1.0	<2.0	<1.0	**8.7**	<1.0	<1.0	1.5	NA	NA	NA
MW-24	Duplicate	1/25/2006	<1.0	<1.0	<1.0	<2.0	<1.0	**6.5**	<1.0	<1.0	1.4	NA	NA	NA
MW-24		1/25/2006	<1.0	<1.0	<1.0	<2.0	<1.0	**6.5**	<1.0	<1.0	1.5	NA	<2.0	NA
MW-24		2/21/2006	**10**	34	7.2	33.3	<1.0	**7.8**	<1.0	<1.0	1.6	NA	NA	NA
MW-24		3/30/2006	<1.0	<1.0	<1.0	<2.0	<1.0	**8.1**	<1.0	<1.0	1.6	NA	NA	NA
MW-24		4/27/2006	<1.0	<1.0	<1.0	<2.0	2.4	**7.1**	<1.0	<1.0	2.2	NA	<2.0	NA
MW-24		5/24/2006	**10**	34	7.2	33.3	2.6	**8.5**	<1.0	<1.0	2.0	NA	NA	NA
MW-24	Duplicate	5/24/2006	<1.0	<1.0	<1.0	<2.0	2.1	**8.3**	<1.0	<1.0	2.3	NA	NA	NA
MW-24		6/29/2006	<1.0	<1.0	<1.0	<2.0	3.9	**7.5**	<1.0	<1.0	2.0	NA	NA	NA
MW-24		8/3/2006	<1.0	<1.0	<1.0	<2.0	16	**7.6**	<1.0	<1.0	2.0	NA	<2.0	NA
MW-24		8/31/2006	<1.0	<1.0	<1.0	<2.0	58	**7.0**	<1.0	<1.0	1.8	NA	NA	NA
MW-24		9/28/2006	<1.0	<1.0	<1.0	<2.0	15	**7.5**	<1.0	<1.0	2.2	NA	NA	NA
MW-24		10/26/2006	<1.0	<1.0	<1.0	<2.0	9.5	**8.3**	<1.0	<1.0	1.9	NA	<2.0	NA
MW-24	Duplicate	10/26/2006	<1.0	<1.0	<1.0	<2.0	10	**8.6**	<1.0	<1.0	2.0	NA	<2.0	NA
MW-24		11/22/2006	<1.0	<1.0	<1.0	<2.0	6.7	**7.3**	<1.0	<1.0	1.3	NA	NA	NA
MW-24		12/29/2006	<1.0	<1.0	<1.0	<2.0	9.3	**7.6**	<1.0	<1.0	1.6	NA	NA	NA
MW-24		1/31/2007	<1.0	<1.0	<1.0	<2.0	22	**7.3**	<1.0	<1.0	1.9	NA	<2.0	NA
MW-24		4/26/2007	<1.0	<1.0	<1.0	<2.0	**150**	**8.2**	<1.0	<1.0	2.2	NA	NA	NA
MW-24		7/26/2007	2.3	<1.0	<1.0	<2.0	**760**	**11**	<1.0	<1.0	2.6	NA	NA	NA
MW-24		10/25/2007	**<10**	<10	<10	<20	**1,100**	**<10**	**<10**	<10	<10	NA	NA	NA
MW-24		1/31/2008	**72**	<0.5	<0.5	6.1	**4,300**	**10**	<0.5	<0.5	1.5	NA	<5.0	NA

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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-24		4/24/2008	**250**	<2.5	<2.5	11	**9,000**	**10**	<2.5	<2.5	<2.5	NA	NA	NA
MW-24		8/1/2008	**630**	<50	<50	<150	**21,000**	**<50**	**<50**	<50	<50	NA	NA	NA
MW-24		10/16/2008	**230**	100	14	64	**2,100**	**7.9**	<2.0	<2.0	<2.0	NA	NA	NA
MW-24		1/29/2009	**190**	8.9	<5.0	11.8	**4,000**	**<10**	**<10**	<10	<10	NA	NA	NA
MW-24		4/30/2009	**120**	<2.5	3.8	<5.0	**3,900**	**5.5**	**<5.0**	<5.0	<5.0	NA	NA	NA
MW-24		7/22/2009	**800**	<50	<50	<100	**24,000**	**<100**	**<100**	**<100**	<100	NA	NA	NA
MW-24		10/8/2009	**1,100**	<100	<100	<100	**29,000**	**<200**	**<200**	**<200**	<200	NA	NA	NA
MW-24		1/22/2010	**2,100**	<50	<50	<50	**54,000**	**<100**	**<100**	**<100**	<100	NA	NA	NA
MW-24	Duplicate	4/14/2010	**750**	<50	<50	<50	**49,000**	**<100**	**<100**	**<100**	<100	<1,000	NA	NA
MW-24		4/14/2010	**760**	<50	<50	<50	**52,000**	**<100**	**<100**	**<100**	<100	<1,000	NA	NA
MW-24		7/14/2010	**180**	<250	<50	<150	**58,000**	**<50**	**<50**	<50	<250	<2,500	NA	NA
MW-24		10/20/2010	**28**	<25	<5.0	<15	**47,000**	**8.8**	**<5.0**	<5.0	<25	<25,000	NA	NA
MW-24		1/13/2011	**<500**	**<2,500**	<500	<1,500	**55,000**	**<500**	**<500**	**<500**	<2,500	<25,000	NA	NA
MW-24		4/13/2011	**55**	<120	<25	<75	**50,000**	**<25**	**<25**	<25	<120	1,400	NA	NA
MW-24		7/14/2011	**<100**	<500	<100	<300	**50,000**	**<100**	**<100**	**<100**	<500	<50,000	NA	NA
MW-24		10/13/2011	<1.0	<5.0	<1.0	<3.0	**21,000**	2.9	3.2	<1.0	<5.0	9,300	NA	NA
MW-24	Duplicate	10/13/2011	**<10**	<50	<10	<30	**21,000**	**<10**	**<10**	<10	<50	8,700	NA	NA
MW-24	Duplicate	1/20/2012	**32**	<120	<25	<75	**38,000**	**<25**	**<25**	<25	<120	9,300	NA	NA
MW-24		1/20/2012	**36**	<120	<25	<75	**40,000**	**<25**	**<25**	<25	<120	11,000	NA	NA
MW-24		4/5/2012	**25**	<5.0	<1.0	<3.0	**40,000**	2.1	3.5	<1.0	<5.0	12,000	NA	NA
MW-24		4/5/2012	**25**	<5.0	<1.0	<3.0	**40,000**	2.1	3.5	<1.0	<5.0	12,000	NA	NA
MW-24		7/12/2012	**<200**	**<1,000**	<200	<600	**9,500**	**<200**	**<200**	**<200**	<1,000	8,400	NA	NA
MW-24		10/26/2012	**<1,000**	**<5,000**	**<1,000**	<3,000	**16,000**	**<1,000**	**<1,000**	**<1,000**	<5,000	<25,000	NA	NA
MW-24		1/29/2013	2.6	<5.0	<1.0	17	**5,600**	<1.0	1.8	<1.0	<5.0	26,000	NA	NA
MW-24	Duplicate	1/29/2013	2.8	<5.0	<1.0	18	**5,900**	<1.0	2.0	<1.0	<5.0	22,000	NA	NA
MW-24		4/19/2013	**<250**	**<1,200**	<250	<750	**1,100**	**<250**	**<250**	**<250**	<1,200	7,600	NA	NA
MW-24		7/12/2013	**<50**	<250	<50	<150	**6,200**	**<50**	**<50**	<50	<250	14,000	NA	NA
MW-24		10/10/2013	**<100**	<500	<100	<300	**2,500**	**<100**	**<100**	**<100**	<500	6,100	NA	NA
MW-24	Duplicate	1/20/2014	**<50**	<250	<50	<150	**1,400**	**<50**	**<50**	<50	<250	24,000	NA	NA
MW-24		1/20/2014	**<50**	<250	<50	<150	**1,400**	**<50**	**<50**	<50	<250	16,000	NA	NA
MW-24		4/24/2014	<2.0	<10	<2.0	<6.0	**260**	<2.0	<2.0	<2.0	<10	17,000	NA	NA
MW-24		7/22/2014	<2.0	<10	<2.0	<6.0	**530**	<2.0	<2.0	<2.0	<10	11,000	NA	NA
MW-24		10/7/2014	**<250**	**<1,200**	<250	<750	**260**	**<250**	**<250**	**<250**	<1,200	8,100	NA	NA
MW-24		1/26/2015	**<5.0**	<25	<5.0	<15	**630**	**<5.0**	**<5.0**	<5.0	<25	12,000	NA	NA
MW-24		4/22/2015	**<5.0**	<25	<5.0	<15	**120**	**<5.0**	**<5.0**	<5.0	<25	930	NA	NA
MW-25		3/2/2004	0.8	3.7	0.9	4.1	ND	ND	ND	NA	NA	NA	NA	NA
MW-25	Duplicate	3/2/2004	ND	2.4	ND	1.3	ND	ND	ND	NA	NA	NA	NA	NA
MW-25		3/29/2004	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
MW-25		4/27/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
MW-25		5/25/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		6/30/2004	<1.0	5.1	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA

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Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-25		7/30/2004	<1.0	1.2	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		8/25/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		9/29/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		10/26/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		11/30/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		12/30/2004	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		2/3/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		2/23/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		3/29/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0
MW-25	Duplicate	4/26/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-25		4/26/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-25		5/24/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		6/27/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		7/26/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-25		8/30/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		9/27/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		10/25/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-25		11/23/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		12/28/2005	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		1/23/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-25		2/20/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		3/28/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		4/26/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-25		5/23/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		6/27/2006	<1.0	<1.0	<1.0	<2.0	1.1	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25	Duplicate	8/1/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-25		8/1/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-25		8/29/2006	<1.0	<1.0	<1.0	<2.0	1.4	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		9/26/2006	<1.0	<1.0	<1.0	<2.0	1.6	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		10/24/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-25		11/20/2006	<1.0	<1.0	<1.0	<2.0	8.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		12/27/2006	<1.0	<1.0	<1.0	<2.0	11	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		1/30/2007	<1.0	<1.0	<1.0	<2.0	13	<1.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-25		4/25/2007	<1.0	<1.0	<1.0	<2.0	17	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		7/25/2007	<1.0	<1.0	<1.0	<2.0	27	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		10/24/2007	<1.0	<1.0	<1.0	<2.0	26	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		1/30/2008	<0.5	<0.5	<0.5	<1.5	47	0.7	<0.5	<0.5	<0.5	NA	<5.0	NA
MW-25	Duplicate	1/30/2008	<0.5	<0.5	<0.5	<1.5	48	0.7	<0.5	<0.5	<0.5	NA	<5.0	NA
MW-25	Duplicate	4/23/2008	<0.5	<0.5	<0.5	<1.5	24	0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-25		4/23/2008	<0.5	<0.5	<0.5	<1.5	25	0.6	<0.5	<0.5	<0.5	NA	NA	NA
MW-25		7/31/2008	0.6	<0.5	<0.5	<1.5	44	0.9	<0.5	<0.5	<0.5	NA	NA	NA

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-25		10/15/2008	**20**	<1.0	<1.0	1.4	**290**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		1/27/2009	**50**	<1.0	<1.0	1.3	**700**	<2.0	<2.0	<2.0	<2.0	NA	NA	NA
MW-25		4/29/2009	**32**	1.1	<1.0	<2.0	**600**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		7/22/2009	**86**	<2.5	<2.5	<5.0	**1,200**	**<5.0**	**<5.0**	<5.0	<5.0	NA	NA	NA
MW-25		10/8/2009	**170**	<2.5	<2.5	<2.5	**860**	**<5.0**	**<5.0**	<5.0	<5.0	NA	NA	NA
MW-25		1/21/2010	2.9	<1.0	<1.0	<1.0	**240**	1.3	<1.0	<1.0	<1.0	NA	NA	NA
MW-25		4/14/2010	2.2	<1.0	<1.0	<1.0	**130**	1.1	<1.0	<1.0	<1.0	<10	NA	NA
MW-25		7/14/2010	4.2	<5.0	<1.0	<3.0	**190**	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-25		10/20/2010	<1.0	<5.0	<1.0	<3.0	54	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-25		1/12/2011	<1.0	<5.0	<1.0	<3.0	**110**	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-25		4/12/2011	<1.0	<5.0	<1.0	<3.0	**160**	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-25		7/13/2011	<1.0	<5.0	<1.0	<3.0	**180**	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-25		10/12/2011	<1.0	<5.0	<1.0	<3.0	40	<1.0	<1.0	<1.0	<5.0	<50	NA	NA
MW-25		1/18/2012	<1.0	<5.0	<1.0	<3.0	55	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-25		4/4/2012	<1.0	<5.0	<1.0	<3.0	69	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-25		4/4/2012	<1.0	<5.0	<1.0	<3.0	69	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-25		7/12/2012	<1.0	9.1	<1.0	<3.0	13	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-25		10/25/2012	**<5.0**	<25	<5.0	<15	61	**<5.0**	**<5.0**	<5.0	<25	<25	NA	NA
MW-25		1/25/2013	<1.0	<5.0	<1.0	<3.0	22	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-25	Duplicate	1/25/2013	<1.0	<5.0	<1.0	<3.0	28	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-25		4/18/2013	<1.0	<5.0	1.5	3.8	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-25		7/11/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-25		10/9/2013	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-25		1/13/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-25		4/23/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-25		7/18/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-25		10/1/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-25		1/19/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-25		4/17/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-26		2/3/2004	<1.0	<1.0	<1.0	<2.0	**150**	2.1	<1.0	<1.0	<1.0	NA	NA	NA
MW-26		3/16/2004	ND	ND	ND	ND	ND	2.5	ND	NA	NA	NA	NA	NA
MW-26	Duplicate	3/29/2004	<1.0	<1.0	<1.0	<2.0	<1.0	2.6	<1.0	NA	NA	NA	NA	NA
MW-26		3/29/2004	<1.0	<1.0	<1.0	<2.0	<1.0	2.6	<1.0	NA	NA	NA	NA	NA
MW-26		4/27/2004	<1.0	<1.0	<1.0	<2.0	<1.0	1.9	<1.0	NA	NA	NA	NA	NA
MW-26		5/26/2004	<1.0	<1.0	<1.0	<2.1	<1.0	3.0	<1.1	<1.0	<1.0	NA	NA	NA
MW-26		6/29/2004	<1.0	6.6	<1.0	<2.0	<1.0	3.8	<1.0	<1.0	<1.0	NA	NA	NA
MW-26	Duplicate	7/30/2004	<1.0	1.1	<1.0	<2.0	<1.0	2.9	<1.0	<1.0	<1.0	NA	NA	NA
MW-26		7/30/2004	<1.0	1.1	<1.0	<2.0	<1.0	3.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-26	Duplicate	8/24/2004	<1.0	<1.0	<1.0	<2.0	<1.0	2.7	<1.0	<1.0	<1.0	NA	NA	NA
MW-26		8/24/2004	<1.0	<1.0	<1.0	<2.0	<1.0	2.8	<1.0	<1.0	<1.0	NA	NA	NA
MW-26		9/29/2004	<1.0	<1.0	<1.0	<2.0	<1.0	3.2	<1.0	<1.0	<1.0	NA	NA	NA

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-26		10/25/2004	<1.0	<1.0	<1.0	<2.0	3.9	3.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-26		12/1/2004	<1.0	<1.0	<1.0	<2.0	26	2.6	<1.0	<1.0	<1.0	NA	NA	NA
MW-26	Duplicate	12/30/2004	<1.0	<1.0	<1.0	<2.0	71	2.6	<1.0	<1.0	<1.0	NA	NA	NA
MW-26		12/30/2004	<1.0	<1.0	<1.0	<2.0	77	2.6	<1.0	<1.0	<1.0	NA	NA	NA
MW-26		2/24/2005	1.1	<1.0	<1.0	<2.0	**360**	2.1	<1.0	<1.0	<1.0	NA	NA	NA
MW-26		3/31/2005	<1.0	2.0	<1.0	<2.0	**550**	2.2	<1.0	<1.0	<1.0	NA	<1.0	<1.0
MW-26		4/27/2005	<1.0	<1.0	<1.0	<2.0	**1,100**	2.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-26		5/25/2005	<2.0	<2.0	<2.0	<4.0	**2,400**	3.1	<2.0	<2.0	<2.0	NA	NA	NA
MW-26		6/29/2005	<1.1	<1.1	<1.1	<2.1	**1,600**	1.5	<1.1	<1.0	<1.0	NA	NA	NA
MW-26		7/27/2005	<1.0	<1.0	<1.0	<1.0	**2,300**	2.0	<1.0	<1.0	<1.0	NA	<2.0	NA
MW-26		8/31/2005	<1.0	<1.0	<1.0	<2.0	**4,700**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-26		9/29/2005	3.7	28	6.5	50	**9,100**	2.2	<1.0	<1.0	<1.0	NA	NA	NA
MW-26		10/26/2005	**12**	<1.0	<1.0	1.3	**9,800**	2.2	<1.0	<1.0	<1.0	NA	0.11	NA
MW-26		11/28/2005	**68**	1.2	<1.0	11	**8,400**	1.9	<1.0	<1.0	<1.0	NA	NA	NA
MW-26		12/29/2005	**140**	<20	<20	<40	**18,000**	**<20**	**<40**	<20	<20	NA	NA	NA
MW-26		1/25/2006	**300**	<100	<100	<200	**18,000**	**<100**	**<100**	**<100**	<100	NA	NA	NA
MW-26		2/22/2006	**340**	<50	<50	<50	**16,000**	**<50**	**<50**	<50	<50	NA	NA	NA
MW-26		3/30/2006	**560**	<20	<20	36	**19,000**	**<20**	**<40**	<20	<20	NA	NA	NA
MW-26		4/27/2006	**520**	<20	<20	29	**21,000**	**<20**	**<20**	<20	<20	NA	NA	NA
MW-26		5/25/2006	**920**	<100	<100	<100	**31,000**	**<100**	**<100**	**<100**	<100	NA	NA	NA
MW-26	Duplicate	5/25/2006	**1,100**	<100	<100	<100	**36,000**	**<100**	**<100**	**<100**	<100	NA	NA	NA
MW-26		6/29/2006	**800**	<500	<500	<1,000	**36,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-26		8/3/2006	**870**	<500	<500	<1,000	**26,000**	**<500**	**<500**	**<500**	<500	NA	<2.0	NA
MW-26		8/31/2006	**560**	<500	<500	<1,000	**18,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-26		9/28/2006	**1,200**	<500	<500	<1,000	**32,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-26		10/26/2006	**1,800**	<500	<500	<1,000	**50,000**	**<500**	**<500**	**<500**	<500	NA	<2.0	NA
MW-26		11/22/2006	**2,000**	<500	<500	<1,000	**58,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-26		12/29/2006	**2,300**	<500	<500	<1,000	**59,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-26		1/31/2007	**1,200**	<500	<500	<1,000	**36,000**	**<500**	**<500**	**<500**	<500	NA	<2.0	NA
MW-26		4/26/2007	**1,400**	<500	<500	<1,000	**41,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-26		7/26/2007	**3,100**	<500	<500	<1,000	**77,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA
MW-26	Duplicate	10/25/2007	**5,000**	85	3.4	124	**98,000**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-26		10/25/2007	**5,200**	86	3.4	124	**97,000**	<1.0	<1.0	<1.0	<1.0	NA	NA	NA
MW-26		1/31/2008	**8,700**	18	<0.5	33	**87,000**	<0.5	<0.5	<0.5	<0.5	NA	<5.0	NA
MW-26		4/24/2008	**2,500**	7.8	<2.5	19.1	**96,000**	<2.5	<2.5	<2.5	<2.5	NA	NA	NA
MW-26		8/1/2008	**6,200**	<50	<50	<150	**150,000**	**<50**	**<50**	<50	<50	NA	NA	NA
MW-26		10/16/2008	**8,400**	150	<50	141	**110,000**	**<100**	**<100**	**<100**	<100	NA	NA	NA
MW-26		1/29/2009	**6,600**	<150	<150	<300	**170,000**	**<300**	**<300**	**<300**	<300	NA	NA	NA
MW-26		4/30/2009	**5,700**	<150	<150	<300	**200,000**	**<300**	**<300**	**<300**	<300	NA	NA	NA
MW-26		7/23/2009	**6,800**	230	<200	<400	**170,000**	**<400**	**<400**	**<400**	<400	NA	NA	NA
MW-26		10/8/2009	**5,400**	<250	<250	<250	**200,000**	**<500**	**<500**	**<500**	<500	NA	NA	NA

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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-26		1/21/2010	**5,400**	<100	<100	<100	**160,000**	<200	<200	<200	<200	NA	NA	NA
MW-26		4/14/2010	**4,100**	<150	<150	<150	**110,000**	<300	<300	<300	<300	15,000	NA	NA
MW-26		7/14/2010	**5,800**	<500	<100	<300	**150,000**	<100	<100	<100	<500	<5,000	NA	NA
MW-26		10/21/2010	**5,700**	<1,000	<200	<600	**110,000**	<200	<200	<200	<1,000	17,000	NA	NA
MW-26		1/13/2011	**7,500**	<5,000	<1,000	<3,000	**150,000**	<1,000	<1,000	<1,000	<5,000	<50,000	NA	NA
MW-26		4/13/2011	**5,200**	<1,200	<250	<750	**120,000**	<250	<250	<250	<1,200	<12,000	NA	NA
MW-26		7/14/2011	**11,000**	<2,500	<500	<1,500	**230,000**	<500	<500	<500	<2,500	<25,000	NA	NA
MW-26		10/13/2011	**2,700**	<2,500	<500	<1,500	**75,000**	<500	<500	<500	<2,500	<25,000	NA	NA
MW-26		1/19/2012	**4,000**	<2,500	<500	<1,500	**75,000**	<500	<500	<500	<2,500	5,500	NA	NA
MW-26		4/6/2012	**5,600**	**2,000**	260	<600	**87,000**	<200	<200	<200	<1,000	7,000	NA	NA
MW-26		4/6/2012	**5,600**	**2,000**	260	<600	**87,000**	<200	<200	<200	<1,000	7,000	NA	NA
MW-26		7/13/2012	**4,800**	**2,200**	420	<750	**95,000**	<250	<250	<250	<1,200	4,100	NA	NA
MW-26		10/26/2012	**7,300**	<25,000	<5,000	<15,000	**110,000**	<5,000	<5,000	<5,000	<25,000	<25,000	NA	NA
MW-26	Duplicate	10/26/2012	**7,700**	<25,000	<5,000	<15,000	**120,000**	<5,000	<5,000	<5,000	<25,000	<25,000	NA	NA
MW-26		1/29/2013	**2,600**	**1,100**	190	260	**44,000**	<50	<50	<50	<250	10,000	NA	NA
MW-26		4/22/2013	**160**	14	16	8.1	**41,000**	<1.0	<1.0	<1.0	<5.0	11,000	NA	NA
MW-26		7/12/2013	<1,000	<5,000	<1,000	<3,000	**38,000**	<1,000	<1,000	<1,000	<5,000	14,000	NA	NA
MW-26		10/10/2013	<250	<1,200	<250	<750	**11,000**	<250	<250	<250	<1,200	17,000	NA	NA
MW-26		1/20/2014	<200	<1,000	<200	<600	**6,100**	<200	<200	<200	<1,000	16,000	NA	NA
MW-26		4/25/2014	<200	<1,000	<200	<600	**5,800**	<200	<200	<200	<1,000	18,000	NA	NA
MW-26		7/22/2014	**810**	<1,000	<200	<600	**16,000**	<200	<200	<200	<1,000	28,000	NA	NA
MW-26		10/7/2014	<200	<1,000	<200	<600	**1,900**	<200	<200	<200	<1,000	3,800	NA	NA
MW-26		1/26/2015	**77**	<25	<5.0	<15	**1,100**	<5.0	<5.0	<5.0	<25	13,000	NA	NA
MW-26	Duplicate	4/22/2015	2.9	<5.0	<1.0	<3.0	**810**	<1.0	<1.0	<1.0	<5.0	6,400	NA	NA
MW-26		4/22/2015	<5.0	<25	<5.0	<15	**600**	<5.0	<5.0	<5.0	<25	6,100	NA	NA
MW-27		1/21/2014	<1.0	<5.0	<1.0	<3.0	<1.0	1.6	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-27		4/24/2014	<1.0	<5.0	<1.0	<3.0	<1.0	1.8	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-27	Duplicate	7/21/2014	<1.0	<5.0	<1.0	<3.0	<1.0	1.2	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-27		7/21/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-27		10/6/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-27		1/21/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-27		4/20/2015	<1.0	<5.0	<1.0	<3.0	<1.0	1.1	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-28		1/21/2014	<1.0	<5.0	<1.0	<3.0	<1.0	2.8	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-28		4/24/2014	<1.0	<5.0	<1.0	<3.0	<1.0	3.7	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-28		7/21/2014	<1.0	<5.0	<1.0	<3.0	<1.0	3.1	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-28	Duplicate	10/3/2014	<1.0	<5.0	<1.0	<3.0	<1.0	2.6	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-28		10/3/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-28		1/21/2015	<1.0	<5.0	<1.0	<3.0	<1.0	1.5	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-28		4/20/2015	<1.0	<5.0	<1.0	<3.0	<1.0	1.72	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-29D		1/21/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-29D		4/28/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-29D		7/21/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-29D		10/6/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-29D		1/21/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-29D		4/20/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-29M		1/21/2014	<1.0	<5.0	<1.0	<3.0	1.6	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-29M		4/28/2014	<1.0	<5.0	<1.0	<3.0	10	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-29M		7/21/2014	<1.0	<5.0	<1.0	<3.0	18	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-29M		10/6/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-29M		1/21/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-29M		4/20/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-29S		1/21/2014	<1.0	<5.0	<1.0	<3.0	15	3.7	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-29S		4/28/2014	<1.0	<5.0	<1.0	<3.0	**250**	3.8	<1.0	<1.0	<5.0	13	NA	NA
MW-29S		7/21/2014	**<5.0**	<25	<5.0	<15	**870**	**<5.0**	**<5.0**	<5.0	<25	<25	NA	NA
MW-29S		10/6/2014	2.7	<5.0	<1.0	<3.0	**2,000**	2.2	<1.0	<1.0	<5.0	<50	NA	NA
MW-29S	Duplicate	10/6/2014	3.0	<5.0	<1.0	<3.0	**2,400**	2.9	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-29S		1/21/2015	**17**	<5.0	<1.0	<3.0	**3,100**	1.6	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-29S		4/20/2015	**<50**	<250	<50	<150	**4,700**	**<50**	**<50**	<50	<250	<250	NA	NA
MW-30	Duplicate	1/21/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-30		1/21/2014	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA
MW-30		4/23/2014	<1.0	<5.0	<1.0	<3.0	**400**	<1.0	<1.0	<1.0	<5.0	5,200	NA	NA
MW-30		7/22/2014	**<100**	<500	<100	<300	**280**	**<100**	**<100**	**<100**	<500	7,200	NA	NA
MW-30		10/7/2014	**<100**	<500	<100	<300	**140**	**<100**	**<100**	**<100**	<500	5,400	NA	NA
MW-30		1/22/2015	<1.0	<5.0	<1.0	<3.0	60	<1.0	<1.0	<1.0	<5.0	5,100	NA	NA
MW-30	Duplicate	1/22/2015	<1.0	<5.0	<1.0	<3.0	68	<1.0	<1.0	<1.0	<5.0	5,500	NA	NA
MW-30		4/22/2015	<1.0	<5.0	<1.0	<3.0	40	<1.0	<1.0	<1.0	<5.0	5,200	NA	NA
A-039A		*5/5/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***32.6***	*2.8*	*<0.5*	*0.8*	*NA*	*NA*	*NA*
A-039A		*5/5/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***38.8***	*3.0*	*<0.5*	*0.9*	*<1.0*	*NA*	*NA*
A-039A	*Duplicate*	*7/6/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***36.7***	*2.6*	*<0.5*	*0.9*	*NA*	*NA*	*NA*
A-039A		*7/6/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***38.7***	*2.7*	*<0.5*	*0.9*	*NA*	*NA*	*NA*
A-039A		*10/14/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***37.9***	*2.8*	*<0.5*	*0.8*	*<0.5*	*NA*	*NA*
A-039A	*Duplicate*	*1/4/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***34.5***	*2.6*	*<0.5*	*0.9*	*<0.5*	*NA*	*NA*
A-039A		*1/4/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***35.6***	*2.7*	*<0.5*	*1.1*	*<0.5*	*NA*	*NA*
A-039A		*4/26/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***30.5***	*1.6*	*<0.5*	*0.7*	*NA*	*NA*	*NA*
A-039A		*7/6/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***36.8***	*2.7*	*<0.5*	*1.2*	*NA*	*NA*	*NA*
A-039A		*10/25/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***40.9***	*2.4*	*<0.5*	*0.8*	*NA*	*NA*	*NA*
A-039A		*1/4/2012*	*<0.5*	*<2.0*	*<2.0*	*<1.0*	*<5.0*	***31.1***	*2.59*	*<0.5*	*<2.0*	*<10*	*NA*	*NA*
A-039A		*4/17/2012*	*<0.5*	*<2.0*	*<2.0*	*<1.0*	*<5.0*	***27.8***	*2.17*	*<0.5*	*<2.0*	*<5.0*	*NA*	*NA*
A-039A		*7/2/2012*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	*<1.0*	***31***	*2.0*	*<1.0*	*<1.0*	*<50*	*NA*	*NA*
A-039A		*10/25/2012*	*<1.0*	*<1.0*	*<1.0*	*<3.0*	*<0.22*	***29***	*2.1*	*<1.0*	*<1.0*	*<7.0*	*NA*	*NA*
A-039A		*1/31/2013*	*<1.0*	*<1.0*	*<1.0*	*<3.0*	*<1.0*	***28***	*1.5*	*<1.0*	*<1.0*	*<50*	*NA*	*NA*
A-039A		*4/23/2013*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	***25***	*<2.0*	*<2.0*	*<5.0*	*<50*	*NA*	*NA*

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Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
A-039A	Duplicate	4/23/2013	<2.0	<2.0	<2.0	<10	<1.0	**27**	<2.0	<2.0	<5.0	<50	NA	NA
A-039A		7/1/2013	<2.0	<2.0	<2.0	<10	<1.0	**23**	1.2	<2.0	0.4	<50	NA	NA
A-039A		10/17/2013	<1.0	<1.0	<1.0	<2.0	<1.0	**26**	1.4	<1.0	<1.0	<10	NA	NA
A-039A		1/27/2014	<2.0	<2.0	<2.0	<10	<1.0	**21**	1.2	<2.0	0.4	<50	NA	NA
A-039A		4/22/2014	<2.0	<2.0	<2.0	<10	<1.0	**30**	1.3	<2.0	<5.0	<50	NA	NA
A-039A		7/29/2014	<2.0	<2.0	<2.0	<10	<1.0	**30**	1.6	<2.0	<5.0	<50	NA	NA
A-039A		10/21/2014	<1.0	<1.0	<1.0	<2.0	<1.0	**32.7**	1.7	<1.0	<1.0	<10	NA	NA
A-039A		1/26/2015	<2.0	<2.0	<2.0	<10	<1.0	**34**	2.0	<2.0	<5.0	7.1	NA	NA
A-039A		4/22/2015	<2.0	<2.0	<2.0	<10	<1.0	**20**	1.9	<2.0	<5.0	<50	NA	NA
A-039A	Duplicate	4/22/2015	<2.0	<2.0	<2.0	<10	<1.0	**21**	2.0	<2.0	0.44	<50	NA	NA
R-067A		5/14/2009	<0.5	<0.5	<0.5	<0.5	26.4	**35.7**	0.7	<0.5	3.2	NA	NA	NA
R-067A		10/26/2009	<0.5	<0.5	<0.5	<0.5	29.5	**33**	0.7	<0.5	2.7	NA	NA	NA
R-067A	Duplicate	5/12/2010	<0.5	<0.5	<0.5	<0.5	13.7	**37.3**	0.7	<0.5	2.7	NA	NA	NA
R-067A		5/12/2010	<0.5	<0.5	<0.5	<0.5	14.4	**38.2**	0.8	<0.5	3.0	<1.0	NA	NA
R-067A		7/7/2010	<0.5	<0.5	<0.5	<0.5	8.4	**30.8**	0.8	<0.5	2.8	NA	NA	NA
R-067A		10/20/2010	<0.5	<0.5	<0.5	<0.5	10.3	**39.1**	0.7	<0.5	3.4	<0.5	NA	NA
R-067A		1/5/2011	<0.5	<0.5	<0.5	<0.5	6.3	**37.4**	0.9	<0.5	3.8	<0.5	NA	NA
R-067A		4/26/2011	<0.5	<0.5	<0.5	<0.5	10.5	**34.7**	0.5	<0.5	2.8	NA	NA	NA
R-067A		7/6/2011	<0.5	<0.5	<0.5	<0.5	6.8	**35.2**	0.9	<0.5	3.7	NA	NA	NA
R-067A		10/26/2011	<0.5	<0.5	<0.5	<0.5	7.0	**30.2**	0.6	<0.5	2.6	NA	NA	NA
R-067A		1/3/2012	0.53	<2.0	<2.0	<1.0	48.3	**25.9**	0.59	<0.5	2.87	17.1	NA	NA
R-067A		4/17/2012	<0.5	<2.0	<2.0	<1.0	37.9	**23.1**	0.59	<0.5	3.22	8.24	NA	NA
R-067A		7/2/2012	1.2	<1.0	<1.0	<2.0	89	**26**	<1.0	<1.0	1.5	<50	NA	NA
R-067A		10/25/2012	**5.2**	<1.0	<1.0	<3.0	**600**	**25**	<1.0	<1.0	1.9	<7.0	NA	NA
R-067A		1/31/2013	**8.7**	<1.0	<1.0	<3.0	**1,100**	**19**	<1.0	<1.0	1.5	<50	NA	NA
R-067A		4/23/2013	**17**	<2.0	<2.0	<10	**1,600**	**22**	<2.0	<2.0	<5.0	<50	NA	NA
R-067A		7/1/2013	4.7	<2.0	<2.0	<10	**1,400**	**19**	0.33	<2.0	2.2	15	NA	NA
R-067A		10/17/2013	<40	<40	<40	<80	**3,320**	<40	<40	<40	<40	<400	NA	NA
R-067A		1/27/2014	**24**	<2.0	<2.0	<10	**4,000**	**16**	0.25	<2.0	1.5	25	NA	NA
R-067A		4/22/2014	**17**	<2.0	<2.0	<10	**4,700**	**16**	<2.0	<2.0	1.4	53	NA	NA
R-067A		7/29/2014	**18**	<2.0	<2.0	<10	**13,000**	**14**	<2.0	<2.0	0.97	90	NA	NA
R-067A		10/21/2014	<50	<50	<50	<100	**24,200**	<50	<50	<50	<50	<500	NA	NA
R-067A		1/26/2015	**23**	<2.0	<2.0	<10	**16,000**	**13**	<2.0	<2.0	1.1	160	NA	NA
R-067A		4/22/2015	**5.1**	<2.0	<2.0	<10	**24,000**	**9.7**	<2.0	<2.0	1.1	89	NA	NA
R-121A		5/7/2009	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**6.0**	2.2	2.7	NA	NA	NA
R-121A		5/5/2010	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.4	1.3	1.5	NA	NA	NA
R-121A	Duplicate	5/4/2011	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	4.0	0.7	0.9	NA	NA	NA
R-121A		5/4/2011	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	3.9	0.8	1.0	NA	NA	NA
R-121A		4/12/2012	<0.5	<0.5	<0.5	<0.5	<0.5	0.9	2.6	<0.5	0.6	NA	NA	NA
R-122A		5/4/2009	<0.5	<0.5	<0.5	<0.5	<0.5	2.0	1.4	2.7	5.5	NA	NA	NA
R-122A		4/29/2010	<0.5	<0.5	<0.5	<0.5	<0.5	2.4	1.3	1.6	2.9	<1.0	NA	NA

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Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
R-122A		*7/6/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*2.0*	*1.1*	*1.2*	*2.4*	*NA*	*NA*	*NA*
R-122A		*10/14/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*1.9*	*1.2*	*1.1*	*1.4*	*<0.5*	*NA*	*NA*
R-122A		*1/4/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*1.6*	*0.6*	*1.0*	*1.5*	*0.5*	*NA*	*NA*
R-122A		*4/25/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*1.6*	*0.6*	*1.0*	*2.0*	*NA*	*NA*	*NA*
R-122A		*7/6/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*1.3*	*0.8*	*0.6*	*1.2*	*NA*	*NA*	*NA*
R-122A	*Duplicate*	*7/6/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*1.5*	*0.9*	*0.8*	*1.8*	*NA*	*NA*	*NA*
R-122A		*10/25/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*1.5*	*0.9*	*<0.5*	*1.1*	*NA*	*NA*	*NA*
R-122A		*1/3/2012*	*<0.5*	*<2.0*	*<2.0*	*<1.0*	*<5.0*	*1.51*	*0.76*	*0.51*	*<2.0*	*<10*	*NA*	*NA*
R-122A	*Duplicate*	*1/3/2012*	*<0.5*	*<2.0*	*<2.0*	*<1.0*	*<5.0*	*1.3*	*0.63*	*0.53*	*<2.0*	*<10*	*NA*	*NA*
R-122A	*Duplicate*	*4/17/2012*	*<0.5*	*<2.0*	*<2.0*	*<1.0*	*<5.0*	*1.24*	*<0.5*	*0.56*	*<2.0*	*<5.0*	*NA*	*NA*
R-122A		*4/17/2012*	*<0.5*	*<2.0*	*<2.0*	*<1.0*	*<5.0*	*0.98*	*<0.5*	*0.71*	*<2.0*	*<5.0*	*NA*	*NA*
R-122A		*7/2/2012*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	*<1.0*	*1.1*	*<1.0*	*<1.0*	*<1.0*	*<50*	*NA*	*NA*
R-122A	*Duplicate*	*7/2/2012*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<50*	*NA*	*NA*
R-122A		*10/24/2012*	*<1.0*	*<1.0*	*<1.0*	*<3.0*	*<0.22*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<7.0*	*NA*	*NA*
R-122A	*Duplicate*	*1/31/2013*	*<1.0*	*<1.0*	*<1.0*	*<3.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<50*	*NA*	*NA*
R-122A		*1/31/2013*	*<1.0*	*<1.0*	*<1.0*	*<3.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<50*	*NA*	*NA*
R-122A		*4/22/2013*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*<2.0*	*<2.0*	*<2.0*	*<5.0*	*<50*	*NA*	*NA*
R-122A	*Duplicate*	*7/1/2013*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*0.64*	*0.24*	*0.43*	*0.57*	*<50*	*NA*	*NA*
R-122A		*7/1/2013*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*0.65*	*<2.0*	*0.45*	*0.65*	*<50*	*NA*	*NA*
R-122A		*10/17/2013*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<10*	*NA*	*NA*
R-122A	*Duplicate*	*1/27/2014*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*0.9*	*0.26*	*<2.0*	*0.32*	*<50*	*NA*	*NA*
R-122A		*1/27/2014*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*0.95*	*0.29*	*<2.0*	*0.24*	*<50*	*NA*	*NA*
R-122A		*4/22/2014*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*0.96*	*<2.0*	*<2.0*	*<5.0*	*<50*	*NA*	*NA*
R-122A	*Duplicate*	*4/22/2014*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*1.4*	*<2.0*	*<2.0*	*<5.0*	*<50*	*NA*	*NA*
R-122A		*7/29/2014*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*1.4*	*0.72*	*<2.0*	*<5.0*	*<50*	*NA*	*NA*
R-122A	*Duplicate*	*7/29/2014*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*1.5*	*0.83*	*<2.0*	*0.34*	*<50*	*NA*	*NA*
R-122A		*10/21/2014*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	*<1.0*	*1.9*	*<1.0*	*<1.0*	*<1.0*	*<10*	*NA*	*NA*
R-122A	*Duplicate*	*10/21/2014*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	*<1.0*	*2.0*	*<1.0*	*<1.0*	*<1.0*	*<10*	*NA*	*NA*
R-122A		*1/26/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*2.2*	*0.32*	*<2.0*	*0.69*	*15*	*NA*	*NA*
R-122A		*4/22/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*1.4*	*<2.0*	*0.27*	*0.76*	*<50*	*NA*	*NA*
R-123A		*4/29/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*0.5*	***5.7***	*7.3*	*0.9*	*NA*	*NA*	*NA*
R-123A		*4/28/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*4.2*	*3.2*	*0.6*	*NA*	*NA*	*NA*
R-123A	*Duplicate*	*4/28/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*4.3*	*3.2*	*0.6*	*NA*	*NA*	*NA*
R-123A		*4/21/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*0.8*	*4.2*	*1.9*	*0.6*	*NA*	*NA*	*NA*
R-123A		*4/12/2012*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*3.2*	*0.8*	*<0.5*	*NA*	*NA*	*NA*
R-123A	*Duplicate*	*4/12/2012*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*0.5*	*3.3*	*0.8*	*<0.5*	*NA*	*NA*	*NA*
WR-070A		*10/28/1997*	*NA*	*NA*	*NA*	*NA*	*NA*	***35.5***	*1.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*4/27/1998*	*NA*	*NA*	*NA*	*NA*	*NA*	***78.7***	*3.1*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*10/27/1998*	*NA*	*NA*	*NA*	*NA*	*NA*	***99***	*4.2*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*4/21/1999*	*NA*	*NA*	*NA*	*NA*	*NA*	***64.3***	*2.0*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*10/11/1999*	*NA*	*NA*	*NA*	*NA*	*NA*	***136***	***5.6***	*NA*	*NA*	*NA*	*NA*	*NA*

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
WR-070A		*4/10/2000*	*NA*	*NA*	*NA*	*NA*	*NA*	***81.3***	*4.6*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*10/4/2000*	*NA*	*NA*	*NA*	*NA*	*NA*	***83.4***	***5.0***	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*11/6/2001*	*NA*	*NA*	*NA*	*NA*	*NA*	***59.7***	*4.8*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A	*Duplicate*	*11/6/2001*	*NA*	*NA*	*NA*	*NA*	*NA*	***60.9***	*4.8*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*4/17/2002*	*NA*	*NA*	*NA*	*NA*	*NA*	***23.7***	*3.2*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*10/22/2002*	*NA*	*NA*	*NA*	*NA*	*NA*	***78.3***	***6.0***	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*4/29/2003*	*NA*	*NA*	*NA*	*NA*	*NA*	***72.6***	***5.5***	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*10/21/2003*	*<0.5*	*<0.5*	*<0.5*	*<1.5*	*NA*	***26***	*4.6*	*NA*	*NA*	*NA*	*<20*	*NA*
WR-070A		*10/30/2003*	*<0.5*	*<0.5*	*<0.5*	*<1.5*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*	*<20*	*NA*
WR-070A		*11/5/2003*	*<0.5*	*<0.5*	*<0.5*	*<1.5*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*11/13/2003*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***34.4***	*3.9*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*11/20/2003*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***31.7***	*3.4*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*11/26/2003*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***51.5***	*4.6*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*12/4/2003*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***50.3***	*4.4*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*12/11/2003*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***55.9***	*4.4*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*12/18/2003*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***48.2***	*4.0*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*12/24/2003*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***49.5***	*4.1*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*1/2/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***52.8***	*3.9*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*1/8/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***51.4***	*4.3*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*1/15/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***64.4***	*4.8*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*1/29/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***46***	*3.3*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*2/13/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***41***	*3.3*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*3/11/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***44***	*3.0*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*3/26/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***36.6***	*2.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*5/19/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***37.2***	*2.4*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*6/3/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***37.4***	*2.3*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-070A		*7/2/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***36.4***	*2.4*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-242A		*5/13/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***27***	*2.2*	*<0.5*	*3.2*	*NA*	*NA*	*NA*
WR-242A		*10/26/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***23.8***	*1.7*	*<0.5*	*2.1*	*NA*	*NA*	*NA*
WR-242A		*5/11/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***16.9***	*1.2*	*<0.5*	*1.6*	*1.6*	*NA*	*NA*
WR-242A		*7/7/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***15.7***	*1.1*	*<0.5*	*1.9*	*NA*	*NA*	*NA*
WR-242A		*10/14/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***16.8***	*1.0*	*<0.5*	*1.6*	*<0.5*	*NA*	*NA*
WR-242A		*1/5/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***18.8***	*1.1*	*<0.5*	*2.6*	*<0.5*	*NA*	*NA*
WR-242A		*4/26/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***19***	*0.8*	*<0.5*	*2.1*	*NA*	*NA*	*NA*
WR-242A		*7/6/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***21.8***	*1.1*	*<0.5*	*3.0*	*NA*	*NA*	*NA*
WR-242A		*10/25/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***21.4***	*1.0*	*<0.5*	*2.0*	*NA*	*NA*	*NA*
WR-242A		*1/3/2012*	*<0.5*	*<2.0*	*<2.0*	*<1.0*	*<5.0*	***19.9***	*1.04*	*<0.5*	*2.69*	*<10*	*NA*	*NA*
WR-242A		*4/17/2012*	*<0.5*	*<2.0*	*<2.0*	*<1.0*	*<5.0*	***19.3***	*0.88*	*<0.5*	*2.48*	*<5.0*	*NA*	*NA*
WR-242A		*7/2/2012*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	*<1.0*	***20***	*<1.0*	*<1.0*	*1.2*	*<50*	*NA*	*NA*
WR-242A		*10/24/2012*	*<1.0*	*<1.0*	*<1.0*	*<3.0*	*<0.22*	***21***	*<1.0*	*<1.0*	*<1.0*	*<7.0*	*NA*	*NA*
WR-242A		*1/31/2013*	*<1.0*	*<1.0*	*<1.0*	*<3.0*	*<1.0*	***20***	*<1.0*	*<1.0*	*<1.0*	*<50*	*NA*	*NA*

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
WR-242A		*4/22/2013*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	***20***	*<2.0*	*<2.0*	*<5.0*	*<50*	*NA*	*NA*
WR-242A		*7/1/2013*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	***20***	*0.7*	*<2.0*	*1.5*	*<50*	*NA*	*NA*
WR-242A		*10/17/2013*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	*<1.0*	***21.5***	*<1.0*	*<1.0*	*1.5*	*<10*	*NA*	*NA*
WR-242A	*Duplicate*	*10/17/2013*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	*<1.0*	***22.8***	*<1.0*	*<1.0*	*1.5*	*<10*	*NA*	*NA*
WR-242A		*1/29/2014*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	***19***	*0.58*	*<2.0*	*1.1*	*<50*	*NA*	*NA*
WR-242A		*4/22/2014*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	***27***	*0.64*	*<2.0*	*1.7*	*<50*	*NA*	*NA*
WR-242A		*10/22/2014*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	*<1.0*	***19***	*<1.0*	*<1.0*	*<1.0*	*<10*	*NA*	*NA*
WR-242A		*1/27/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	*3.0*	***19***	*0.4*	*<2.0*	*0.74*	*<50*	*NA*	*NA*
WR-242A		*4/22/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	*0.43*	***16***	*0.45*	*<2.0*	*0.51*	*<50*	*NA*	*NA*
WR-268A		*5/14/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***34.6***	*4.6*	*1.8*	*3.4*	*NA*	*NA*	*NA*
WR-268A		*10/22/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***39.8***	*4.1*	*1.6*	*3.4*	*NA*	*NA*	*NA*
WR-268A		*5/12/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***37.7***	*3.9*	*1.3*	*3.3*	*NA*	*NA*	*NA*
WR-268A		*10/20/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***37.2***	*3.8*	*0.9*	*3.2*	*NA*	*NA*	*NA*
WR-268A		*5/11/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***28.9***	*4.5*	*<0.5*	*3.0*	*NA*	*NA*	*NA*
WR-268A		*10/19/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***38.8***	*4.7*	*1.0*	*3.5*	*NA*	*NA*	*NA*
WR-268A		*5/2/2012*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***35.3***	*3.6*	*0.8*	*3.5*	*NA*	*NA*	*NA*
WR-268A		*10/24/2012*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***38.8***	*3.0*	*0.5*	*4.4*	*NA*	*NA*	*NA*
WR-268A		*4/18/2013*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***30.7***	***9.7***	*1.1*	*4.9*	*NA*	*NA*	*NA*
WR-359A		*11/13/2003*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***5.6***	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A		*11/20/2003*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***6.1***	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A		*11/26/2003*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***5.4***	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A		*12/4/2003*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***5.4***	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A		*1/8/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*4.5*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A		*2/12/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*3.7*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A		*3/11/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*3.6*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A		*5/4/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*3.8*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A		*6/3/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*4.6*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A		*7/2/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*4.7*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A		*10/20/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*4.6*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A		*11/19/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*4.0*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A	*Duplicate*	*11/19/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*4.1*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A	*Duplicate*	*12/1/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*3.8*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A		*12/1/2004*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*3.8*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A		*1/5/2005*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*3.6*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-359A		*5/3/2005*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*1.8*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-359A	*Duplicate*	*5/3/2005*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*1.9*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-359A		*6/2/2005*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*1.7*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-359A	*Duplicate*	*6/2/2005*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*1.8*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-359A	*Duplicate*	*7/7/2005*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*2.1*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-359A		*7/7/2005*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*2.2*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-359A		*4/30/2008*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***216***	*2.3*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			5	1,000	700	10,000	N/A	5	5	70	N/A	N/A	N/A	N/A
ADEQ Tier 1 Target Cleanup Level			N/A	N/A	N/A	N/A	94	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AZ UST Corrective Action Guidance Level			N/A	N/A	N/A	N/A	20	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WR-359A		7/1/2008	<0.5	<0.5	<0.5	<0.5	249	2.3	<0.5	<0.5	<0.5	NA	NA	NA
WR-359A		10/9/2008	<0.5	<0.5	<0.5	<0.5	940	2.1	<0.5	<0.5	<0.5	NA	NA	NA
WR-359A		1/7/2009	<0.5	<0.5	<0.5	<0.5	2,130	2.4	<0.5	<0.5	<0.5	NA	NA	NA
WR-359A		4/29/2009	<0.5	<0.5	<0.5	<0.5	3,870	2.4	<0.5	<0.5	<0.5	NA	NA	NA
WR-359A		7/2/2009	<0.5	<0.5	<0.5	<0.5	4,828	2.4	<0.5	<0.5	<0.5	NA	NA	NA
WR-359A		10/14/2009	<0.5	<0.5	<0.5	<0.5	5,890	2.0	<0.5	<0.5	0.5	NA	NA	NA
WR-359A		1/5/2010	<0.5	<0.5	<0.5	<0.5	10,900	2.0	<0.5	<0.5	<0.5	NA	NA	NA
WR-359A		4/29/2010	119	0.6	<0.5	7.6	17,400	1.7	<0.5	<0.5	<0.5	67.7	NA	NA
WR-359A		7/7/2010	242	1.2	<0.5	15.8	19,200	1.6	<0.5	<0.5	<0.5	NA	NA	NA
WR-359A		10/18/2010	672	1.2	<0.5	14.9	26,400	1.3	<0.5	<0.5	<0.5	86.4	NA	NA
WR-359A		1/5/2011	831	0.8	<0.5	12.8	33,000	1.2	<0.5	<0.5	<0.5	147	NA	NA
WR-359A		5/2/2011	1,070	0.9	<0.5	15.2	37,800	1.1	<0.5	<0.5	<0.5	NA	NA	NA
WR-359A		7/7/2011	1,100	0.7	<0.5	11.8	45,900	1.0	<0.5	<0.5	<0.5	NA	NA	NA
WR-359A		10/26/2011	598	<5.0	<5.0	<5.0	37,200	<5.0	<5.0	<5.0	<5.0	NA	NA	NA
WR-359A		1/5/2012	688	<20	<20	<10	44,300	<10	<5.0	<5.0	<20	40,000	NA	NA
WR-359A		4/18/2012	918	<2.0	<2.0	1.43	69,600	0.77	<0.5	<0.5	<2.0	207	NA	NA
WR-359A		7/3/2012	630	<1.0	<1.0	<2.0	43,000	<1.0	<1.0	<1.0	<1.0	260	NA	NA
WR-359A		10/26/2012	<5,000	<5,000	<5,000	<15,000	70,000	<5,000	<5,000	<5,000	<5,000	<35,000	NA	NA
WR-359A		2/1/2013	74	<1.0	<1.0	<3.0	73,000	<1.0	<1.0	<1.0	<1.0	470	NA	NA
WR-359A		4/24/2013	26	<2.0	<2.0	<10	63,000	<2.0	<2.0	<2.0	<5.0	370	NA	NA
WR-359A		7/2/2013	12	<2.0	<2.0	<10	120,000	0.88	<2.0	<2.0	<5.0	<5,000	NA	NA
WR-359A		10/21/2013	<1,300	<1,300	<1,300	<2,500	68,100	<1,300	<1,300	<1,300	<1,300	<13,000	NA	NA
WR-359A		1/28/2014	3.4	<2.0	<2.0	<10	100,000	0.51	<2.0	<2.0	<5.0	460	NA	NA
WR-359A		4/23/2014	1.7	<2.0	<2.0	<10	81,000	0.47	<2.0	<2.0	<5.0	740	NA	NA
WR-359A		7/30/2014	1.5	<2.0	<2.0	<10	110,000	0.73	<2.0	<2.0	<5.0	1,100	NA	NA
WR-359A		10/22/2014	<250	<250	<250	<500	103,000	<250	<250	<250	<250	<13,000	NA	NA
WR-359A		1/27/2015	0.66	<2.0	<2.0	<10	97,000	0.51	<2.0	<2.0	<5.0	3,500	NA	NA
WR-359A		4/23/2015	0.66	<2.0	<2.0	<10	110,000	0.9	<2.0	<2.0	0.28	2,800	NA	NA
WR-430A		7/2/2009	<0.5	<0.5	<0.5	<0.5	59.8	33.8	0.9	0.9	3.3	NA	NA	NA
WR-430A		10/19/2009	<0.5	<0.5	<0.5	<0.5	12	34.2	0.8	0.6	3.1	NA	NA	NA
WR-430A		4/27/2010	<0.5	<0.5	<0.5	<0.5	57.5	28.2	0.7	0.6	3.4	<1.0	NA	NA
WR-430A		7/7/2010	2.4	<0.5	<0.5	<0.5	161	25.8	0.7	0.8	3.0	NA	NA	NA
WR-430A		10/18/2010	2.3	<0.5	<0.5	<0.5	136	23.6	0.6	0.5	2.4	1.3	NA	NA
WR-430A		1/5/2011	9.7	<0.5	<0.5	<0.5	487	19.9	0.5	0.5	3.1	3.3	NA	NA
WR-430A		5/12/2011	10.2	<0.5	<0.5	<0.5	560	19.8	0.6	<0.5	2.5	NA	NA	NA
WR-430A		7/7/2011	15.9	<0.5	<0.5	<0.5	648	19.5	0.6	0.5	2.9	NA	NA	NA
WR-430A		10/26/2011	65.1	<5.0	<5.0	<5.0	2,090	18.6	<5.0	<5.0	<5.0	NA	NA	NA
WR-430A		1/5/2012	66.6	<2.0	<2.0	<1.0	3,910	15.7	<0.5	<0.5	2.48	672	NA	NA
WR-430A		4/18/2012	116	<2.0	<2.0	<1.0	4,670	15.1	<0.5	<0.5	2.48	27.9	NA	NA
WR-430A		7/26/2012	120	<1.0	<1.0	<2.0	3,900	14	<1.0	<1.0	1.6	<50	NA	NA
WR-430A		10/26/2012	100	<50	<50	<150	5,800	<50	<50	<50	<50	<350	NA	NA

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
WR-430A		*2/1/2013*	***110***	*<1.0*	*<1.0*	*<3.0*	***9,600***	***12***	*<1.0*	*<1.0*	*1.2*	*74*	*NA*	*NA*
WR-430A		*4/24/2013*	***64***	*<2.0*	*<2.0*	*<10*	***9,500***	***13***	*<2.0*	*<2.0*	*<5.0*	*63*	*NA*	*NA*
WR-430A		*7/2/2013*	***66***	*<2.0*	*<2.0*	*<10*	***12,000***	***12***	*0.26*	*<2.0*	*1.7*	*210*	*NA*	*NA*
WR-430A		*10/21/2013*	***<250***	*<250*	*<250*	*<500*	***12,200***	***<250***	***<250***	***<250***	*<250*	*<2,500*	*NA*	*NA*
WR-430A		*1/28/2014*	***18***	*<2.0*	*<2.0*	*<10*	***18,000***	***7.1***	*<2.0*	*<2.0*	*0.79*	*110*	*NA*	*NA*
WR-430A		*4/23/2014*	***11***	*<2.0*	*<2.0*	*<10*	***17,000***	***8.1***	*<2.0*	*<2.0*	*1.2*	*260*	*NA*	*NA*
WR-430A		*7/30/2014*	***6.0***	*<2.0*	*<2.0*	*<10*	***17,000***	***8.6***	*<2.0*	*<2.0*	*0.68*	*320*	*NA*	*NA*
WR-430A		*10/22/2014*	***<250***	*<250*	*<250*	*<500*	***32,600***	***<250***	***<250***	***<250***	*<250*	*<2,500*	*NA*	*NA*
WR-430A		*1/27/2015*	*1.5*	*<2.0*	*<2.0*	*<10*	***19,000***	***7.6***	*<2.0*	*<2.0*	*1.2*	*780*	*NA*	*NA*
WR-430A		*4/23/2015*	*0.32*	*<2.0*	*<2.0*	*<10*	***26,000***	***8.1***	*<2.0*	*<2.0*	*1.3*	*870*	*NA*	*NA*
WR-463A		*10/23/2007*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***17.4***	*<0.5*	*<0.5*	*8.4*	*NA*	*NA*	*NA*
WR-463A		*1/7/2008*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***7.8***	*<0.5*	*<0.5*	*2.3*	*NA*	*NA*	*NA*
WR-463A		*5/6/2008*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***15.3***	*<0.5*	*<0.5*	*6.1*	*NA*	*NA*	*NA*
WR-463A		*7/1/2008*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***10.1***	*<0.5*	*<0.5*	*2.5*	*NA*	*NA*	*NA*
WR-463A		*1/7/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***16.4***	*<0.5*	*<0.5*	*3.7*	*NA*	*NA*	*NA*
WR-463A		*5/5/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***15***	*<0.5*	*<0.5*	*4.0*	*NA*	*NA*	*NA*
WR-463A		*7/2/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***22.1***	*<0.5*	*<0.5*	*4.8*	*NA*	*NA*	*NA*
WR-463A		*10/19/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***15.8***	*<0.5*	*<0.5*	*3.0*	*NA*	*NA*	*NA*
WR-463A		*1/5/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***10.6***	*<0.5*	*<0.5*	*1.8*	*NA*	*NA*	*NA*
WR-463A		*5/4/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***14.3***	*<0.5*	*<0.5*	*4.0*	*<1.0*	*NA*	*NA*
WR-463A		*7/6/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***14.4***	*<0.5*	*<0.5*	*3.7*	*NA*	*NA*	*NA*
WR-463A		*10/14/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***13.4***	*<0.5*	*<0.5*	*4.1*	*0.8*	*NA*	*NA*
WR-463A		*1/4/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***9.5***	*<0.5*	*<0.5*	*2.9*	*0.6*	*NA*	*NA*
WR-463A		*4/26/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***9.8***	*<0.5*	*<0.5*	*2.4*	*NA*	*NA*	*NA*
WR-463A	*Duplicate*	*4/26/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***9.9***	*<0.5*	*<0.5*	*2.4*	*NA*	*NA*	*NA*
WR-463A		*7/6/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***10***	*<0.5*	*<0.5*	*3.0*	*NA*	*NA*	*NA*
WR-463A		*10/25/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***7.8***	*<0.5*	*<0.5*	*2.3*	*NA*	*NA*	*NA*
WR-463A		*1/3/2012*	*<0.5*	*<2.0*	*<2.0*	*<1.0*	*<5.0*	*4.6*	*<0.5*	*<0.5*	*2.44*	*<10*	*NA*	*NA*
WR-463A		*4/17/2012*	*<0.5*	*<2.0*	*<2.0*	*<1.0*	*<5.0*	*3.19*	*<0.5*	*<0.5*	*<2.0*	*<5.0*	*NA*	*NA*
WR-463A		*7/2/2012*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	*<1.0*	*3.8*	*<1.0*	*<1.0*	*<1.0*	*<50*	*NA*	*NA*
WR-463A		*10/24/2012*	*<1.0*	*<1.0*	*<1.0*	*<3.0*	*<0.22*	*4.0*	*<1.0*	*<1.0*	*1.6*	*<7.0*	*NA*	*NA*
WR-463A		*1/31/2013*	*<1.0*	*<1.0*	*<1.0*	*<3.0*	*<1.0*	*2.6*	*<1.0*	*<1.0*	*1.0*	*<50*	*NA*	*NA*
WR-463A		*4/22/2013*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*2.1*	*<2.0*	*<2.0*	*<5.0*	*<50*	*NA*	*NA*
WR-463A		*7/1/2013*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*2.1*	*<2.0*	*<2.0*	*0.97*	*<50*	*NA*	*NA*
WR-463A		*10/17/2013*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	*<1.0*	*1.3*	*<1.0*	*<1.0*	*1.3*	*<10*	*NA*	*NA*
WR-463A		*1/27/2014*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*0.73*	*<2.0*	*<2.0*	*0.71*	*<50*	*NA*	*NA*
WR-463A		*4/21/2014*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*0.78*	*<2.0*	*<2.0*	*1.0*	*<50*	*NA*	*NA*
WR-463A		*7/29/2014*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*0.48*	*<2.0*	*<2.0*	*0.32*	*<50*	*NA*	*NA*
WR-463A		*10/21/2014*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<10*	*NA*	*NA*
WR-463A		*1/26/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*0.41*	*<2.0*	*<2.0*	*0.67*	*27*	*NA*	*NA*
WR-463A	*Duplicate*	*1/26/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*0.47*	*<2.0*	*<2.0*	*0.79*	*16*	*NA*	*NA*

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
WR-463A		*4/21/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*<2.0*	*<2.0*	*<2.0*	*<5.0*	*<50*	*NA*	*NA*
WR-464A		*4/24/2007*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*52*	*1.3*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-464A		*10/9/2007*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*47.5*	*1.2*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-464A		*1/7/2008*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*75.2*	*1.2*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-464A		*4/30/2008*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***160***	*1.1*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-464A		*7/1/2008*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***202***	*1.3*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-464A		*10/9/2008*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***196***	*1.2*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-464A		*1/7/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***654***	*1.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-464A		*4/29/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***532***	*1.9*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-464A	*Duplicate*	*7/2/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***314***	*2.0*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-464A		*7/2/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***324***	*2.1*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-464A		*10/14/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*92.8*	*1.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-464A		*1/5/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*75*	*0.9*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-464A		*4/28/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*45.6*	*1.0*	*<0.5*	*<0.5*	*<0.5*	*1.0*	*NA*	*NA*
WR-464A		*7/7/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*51*	*0.8*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-464A		*10/18/2010*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*59.4*	*0.7*	*<0.5*	*<0.5*	*<0.5*	*1.2*	*NA*	*NA*
WR-464A		*1/5/2011*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***355***	*0.7*	*<0.5*	*<0.5*	*<0.5*	*3.2*	*NA*	*NA*
WR-464A		*4/27/2011*	*0.9*	*<0.5*	*<0.5*	*<0.5*	***501***	*0.8*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-464A		*7/7/2011*	*0.8*	*<0.5*	*<0.5*	*<0.5*	***194***	*0.7*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-464A		*10/26/2011*	***<5.0***	*<5.0*	*<5.0*	*<5.0*	*72.5*	***<5.0***	***<5.0***	*<5.0*	*<5.0*	*NA*	*NA*	*NA*
WR-464A		*1/4/2012*	*3.77*	*<2.0*	*<2.0*	*<1.0*	***112***	*<1.0*	*<0.5*	*<0.5*	*<2.0*	*36.4*	*NA*	*NA*
WR-464A		*4/18/2012*	***12***	*<2.0*	*<2.0*	*<1.0*	***283***	*0.79*	*<0.5*	*<0.5*	*<2.0*	*<10*	*NA*	*NA*
WR-464A		*7/3/2012*	***16***	*<1.0*	*<1.0*	*<2.0*	***440***	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<50*	*NA*	*NA*
WR-464A		*10/25/2012*	***21***	*<1.0*	*<1.0*	*<3.0*	***470***	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*18*	*NA*	*NA*
WR-464A		*2/1/2013*	***25***	*<1.0*	*<1.0*	*<3.0*	***490***	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*19*	*NA*	*NA*
WR-464A		*4/23/2013*	***19***	*<2.0*	*<2.0*	*<10*	***500***	*<2.0*	*<2.0*	*<2.0*	*<5.0*	*<50*	*NA*	*NA*
WR-464A		*7/2/2013*	***23***	*<2.0*	*<2.0*	*<10*	***1,000***	*0.49*	*<2.0*	*<2.0*	*<5.0*	*41*	*NA*	*NA*
WR-464A		*10/21/2013*	***13.1***	*<10*	*<10*	*<20*	***668***	***<10***	***<10***	*<10*	*<10*	*<100*	*NA*	*NA*
WR-464A		*1/28/2014*	***8.1***	*<2.0*	*<2.0*	*<10*	***740***	*0.56*	*<2.0*	*<2.0*	*<5.0*	*19*	*NA*	*NA*
WR-464A		*4/21/2014*	*4.5*	*<2.0*	*<2.0*	*<10*	***650***	*0.73*	*<2.0*	*<2.0*	*<5.0*	*24*	*NA*	*NA*
WR-464A		*7/30/2014*	*2.2*	*<2.0*	*<2.0*	*<10*	***590***	*0.76*	*<2.0*	*<2.0*	*<5.0*	*26*	*NA*	*NA*
WR-464A		*10/22/2014*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	***417***	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<100*	*NA*	*NA*
WR-464A		*1/26/2015*	*0.34*	*<2.0*	*<2.0*	*<10*	***300***	*0.52*	*<2.0*	*<2.0*	*<5.0*	*20*	*NA*	*NA*
WR-464A		*4/21/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	***430***	*<2.0*	*<2.0*	*<2.0*	*<5.0*	*<50*	*NA*	*NA*
WR-467A		*4/25/2007*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***145***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-467A		*10/9/2007*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***297***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-467A	*Duplicate*	*1/7/2008*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***461***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-467A		*1/7/2008*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***469***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-467A		*4/29/2008*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***567***	*<0.5*	*<0.5*	*NA*	*NA*	*NA*	*NA*	*NA*
WR-467A		*7/1/2008*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***1,800***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-467A	*Duplicate*	*7/1/2008*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***2,420***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**70**	**N/A**	**N/A**	**N/A**	**N/A**
ADEQ Tier 1 Target Cleanup Level			**N/A**	**N/A**	**N/A**	**N/A**	**94**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
AZ UST Corrective Action Guidance Level			**N/A**	**N/A**	**N/A**	**N/A**	**20**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
WR-467A		*10/9/2008*	*0.8*	*<0.5*	*<0.5*	*<0.5*	***414***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-467A		*1/7/2009*	*<0.5*	*<0.5*	*<0.5*	*<0.5*	***1,520***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-467A		*4/28/2009*	***11.3***	*<0.5*	*<0.5*	*<0.5*	***797***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-467A		*7/2/2009*	***43.3***	*<0.5*	*<0.5*	*0.5*	***4,100***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-467A		*10/13/2009*	***19.1***	*<0.5*	*<0.5*	*<0.5*	***1,600***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-467A		*1/5/2010*	***12.1***	*<0.5*	*<0.5*	*<0.5*	***970***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-467A	*Duplicate*	*1/5/2010*	***13.5***	*<0.5*	*<0.5*	*<0.5*	***1,030***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-467A		*4/27/2010*	***6.9***	*<0.5*	*<0.5*	*<0.5*	***635***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*3.6*	*NA*	*NA*
WR-467A		*7/7/2010*	***27***	*<0.5*	*<0.5*	*<0.5*	***3,300***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-467A		*10/18/2010*	***7.6***	*<0.5*	*<0.5*	*<0.5*	***668***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*7.3*	*NA*	*NA*
WR-467A		*1/5/2011*	***9.1***	*<0.5*	*<0.5*	*<0.5*	***1,180***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*6.4*	*NA*	*NA*
WR-467A		*5/2/2011*	***6.2***	*<0.5*	*<0.5*	*<0.5*	***1,410***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-467A		*7/7/2011*	***10.3***	*<0.5*	*<0.5*	*<0.5*	***6,920***	*<0.5*	*<0.5*	*<0.5*	*<0.5*	*NA*	*NA*	*NA*
WR-467A		*10/26/2011*	***<5.0***	*<5.0*	*<5.0*	*<5.0*	***955***	***<5.0***	***<5.0***	*<5.0*	*<5.0*	*NA*	*NA*	*NA*
WR-467A		*1/5/2012*	*1.82*	*<2.0*	*<2.0*	*<1.0*	***1,220***	*<1.0*	*<0.5*	*<0.5*	*<2.0*	*306*	*NA*	*NA*
WR-467A		*4/18/2012*	***5.95***	*<2.0*	*<2.0*	*<1.0*	***1,700***	*<0.5*	*<0.5*	*<0.5*	*<2.0*	*16.3*	*NA*	*NA*
WR-467A		*7/3/2012*	***10***	*<1.0*	*<1.0*	*<2.0*	***5,800***	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*62*	*NA*	*NA*
WR-467A		*10/26/2012*	***14***	*<1.0*	*1.4*	*<3.0*	***3,100***	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*43*	*NA*	*NA*
WR-467A		*2/1/2013*	***14***	*<1.0*	*<1.0*	*<3.0*	***1,100***	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*16*	*NA*	*NA*
WR-467A		*4/24/2013*	***13***	*<2.0*	*<2.0*	*<10*	***2,100***	*<2.0*	*<2.0*	*<2.0*	*<5.0*	*<50*	*NA*	*NA*
WR-467A		*7/2/2013*	***12***	*<2.0*	*<2.0*	*<10*	***5,000***	*<2.0*	*<2.0*	*<2.0*	*<5.0*	*150*	*NA*	*NA*
WR-467A		*10/21/2013*	***<50***	*<50*	*<50*	*<100*	***3,050***	***<50***	***<50***	*<50*	*<50*	*<500*	*NA*	*NA*
WR-467A		*1/28/2014*	*4.0*	*<2.0*	*<2.0*	*<10*	***2,900***	*<2.0*	*<2.0*	*<2.0*	*<5.0*	*42*	*NA*	*NA*
WR-467A		*4/23/2014*	*1.9*	*<2.0*	*<2.0*	*<10*	***3,600***	*<2.0*	*<2.0*	*<2.0*	*<5.0*	*77*	*NA*	*NA*
WR-467A		*7/30/2014*	*1.6*	*<2.0*	*<2.0*	*<10*	***9,300***	*<2.0*	*<2.0*	*<2.0*	*<5.0*	*220*	*NA*	*NA*
WR-467A		*10/22/2014*	*<1.0*	*<1.0*	*<1.0*	*<2.0*	***1,060***	*<1.0*	*<1.0*	*<1.0*	*<1.0*	*<500*	*NA*	*NA*
WR-467A		*1/27/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	***720***	*<2.0*	*<2.0*	*<2.0*	*<5.0*	*62*	*NA*	*NA*
WR-467A		*4/23/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	***870***	*<2.0*	*<2.0*	*<2.0*	*<5.0*	*56*	*NA*	*NA*

NOTES

· Analytical results expressed in micrograms per liter (µg/L).
· Results displayed in bold exceed the AWQS.
· Results displayed in bold and green color have a resulting laboratory reporting limit that exceeds the AWQS due to dilution needs. However, this does not necessarily indicate that the analyte was detected above the AWQS.
· Samples displayed in italics indicate wells sampled by the City of Tucson.
· Samples collected up through April 2013 were collected via three-volume purging; samples collected from July 2013 onward were collected via low-flow purging.
· AWQS = Aquifer Water Quality Standard.
· PCE = tetrachloroethene.
· TCE = trichloroethene.
· C12DCE = cis-1,2-dichloroethene.
· CCl_2F_2 = dichlorodifluoromethane.
· TBA = tert-butyl alcohol.
· TPH = total petroleum hydrocarbons.
· PAH = polyaromatic hydrocarbons.
· < = analyte concentration below displayed reporting limit.
· ND = analyte not detected; detection limit unknown.
· NA = not analyzed.

Table 1
Historical Groundwater Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA	TPH	PAH
Arizona AWQS (µg/L)			5	1,000	700	10,000	N/A	5	5	70	N/A	N/A	N/A	N/A
ADEQ Tier 1 Target Cleanup Level			N/A	N/A	N/A	N/A	94	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AZ UST Corrective Action Guidance Level			N/A	N/A	N/A	N/A	20	N/A	N/A	N/A	N/A	N/A	N/A	N/A

· MTBE = methyl tertiary-butyl ether.

· N/A = AWQS not applicable; no standard exists.

Table 2
Well Information Summary
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	ADWR No.	Total depth (ft bgs)	Screened interval (ft bgs)	Measuring point elevation (ft amsl)
Groundwater Monitoring Wells				
MW-01	55-200448	170	120-170	2294.48
MW-02	55-200449	170	130-170	2290.25
MW-03	55-200451	170	130-170	2295.19
MW-04	55-200802	170	130-170	2295.26
MW-05	55-200803	170	130-170	2294.61
MW-06	55-200804	170	130-170	2289.63
MW-07	55-200805	170	130-170	2292.16
MW-08	55-200806	170	130-170	2294.90
MW-09	55-200807	170	130-170	2294.12
MW-10	55-200808	170	130-170	2294.55
MW-11	55-200809	170	130-170	2290.63
MW-12	55-200810	170	130-170	2291.61
MW-13	55-201302	170	130-170	2289.75
MW-14	55-201303	170	130-170	2290.49
MW-15	55-201304	170	130-170	2291.28
MW-16	55-201305	170	130-170	2292.34
MW-17	55-201838	170	130-170	2286.73
MW-18	55-201839	170	130-170	2286.08
MW-19	55-202059	170	130-170	2286.34
MW-20	55-202060	170	130-170	2290.38
MW-21	55-202203	170	130-170	2286.12
MW-22	55-202202	170	130-170	2286.83
MW-23	55-202348	170	130-170	2287.43
MW-24	55-202347	170	130-170	2283.85
MW-25	55-202436	170	130-170	2285.05
MW-26	55-202593	170	130-170	2286.29
MW-27	55-222708	190	154-189	2291.12
MW-28	55-222709	190	149-189	2284.40
MW-29S	55-222710	190	149-189	2289.85
MW-29M	55-222711	225	194-224	2288.33
MW-29D	55-222712	260	229-259	2288.60
MW-30	55-222713	205	145-200	2283.36
Soil Vapor Extraction Wells				
SVE-1	N/A	100	60-100	Unknown
SVE-2	N/A	120	12-28	Unknown
	N/A		45-75	Unknown
	N/A		90-120	Unknown
SVE-3	N/A	120	12-28	Unknown
	N/A		45-75	Unknown
	N/A		90-120	Unknown
SVE-4	N/A	120	12-28	Unknown
	N/A		45-75	Unknown
	N/A		90-120	Unknown
SVE-5	N/A	120	12-28	Unknown
	N/A		45-75	Unknown
	N/A		90-120	Unknown

Table 2
Well Information Summary
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	ADWR No.	Total depth (ft bgs)	Screened interval (ft bgs)	Measuring point elevation (ft amsl)
Vapor Monitoring Well				
VMW-01	N/A	120	12-28	Unknown
	N/A		45-75	Unknown
	N/A		90-120	Unknown

NOTES
· ADWR = Arizona Department of Water Resources.
· N/A = not applicable.

Table 3
Groundwater Elevation and Apparent LNAPL Thickness Data, Second Quarter 2015
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	Measurement date	Measuring point elevation	Depth to LNAPL	Depth to water	Apparent LNAPL thickness	Uncorrected groundwater elevation	Potentiometric surface elevation
MW-01	4/16/2015	2294.48	NP	159.60	NP	2134.88	2134.88
MW-01	5/19/2015	2294.48	NP	159.87	NP	2134.61	2134.61
MW-01	6/22/2015	2294.48	NP	160.46	NP	2134.02	2134.02
MW-02	4/16/2015	2290.25	NP	155.33	NP	2134.92	2134.92
MW-02	5/19/2015	2290.25	NP	155.59	NP	2134.66	2134.66
MW-02	6/22/2015	2290.25	NP	156.20	NP	2134.05	2134.05
MW-03	4/16/2015	2295.19	NP	159.02	NP	2136.17	2136.17
MW-03	5/19/2015	2295.19	NP	159.30	NP	2135.89	2135.89
MW-03	6/22/2015	2295.19	NP	159.90	NP	2135.29	2135.29
MW-04	4/16/2015	2295.26	NP	160.42	NP	2134.84	2134.84
MW-04	5/19/2015	2295.26	NP	160.69	NP	2134.57	2134.57
MW-04	6/22/2015	2295.26	NP	161.27	NP	2133.99	2133.99
MW-05	4/16/2015	2294.61	NP	160.38	NP	2134.23	2134.23
MW-05	5/19/2015	2294.61	NP	160.66	NP	2133.95	2133.95
MW-05	6/22/2015	2294.61	NP	161.24	NP	2133.37	2133.37
MW-06	4/16/2015	2289.63	NP	155.52	NP	2134.11	2134.11
MW-06	5/19/2015	2289.63	NP	155.79	NP	2133.84	2133.84
MW-06	6/22/2015	2289.63	NP	156.37	NP	2133.26	2133.26
MW-07	4/16/2015	2292.16	NP	155.81	NP	2136.35	2136.35
MW-07	5/19/2015	2292.16	NP	156.07	NP	2136.09	2136.09
MW-07	6/22/2015	2292.16	NP	156.65	NP	2135.51	2135.51
MW-08	4/16/2015	2294.90	NP	159.14	NP	2135.76	2135.76
MW-08	5/19/2015	2294.90	NP	159.47	NP	2135.43	2135.43
MW-08	6/22/2015	2294.90	NP	160.04	NP	2134.86	2134.86
MW-09	4/16/2015	2294.12	NP	159.53	NP	2134.59	2134.59
MW-09	5/19/2015	2294.12	NP	159.85	NP	2134.27	2134.27
MW-09	6/22/2015	2294.12	NP	160.44	NP	2133.68	2133.68
MW-10	4/16/2015	2294.55	NP	160.09	NP	2134.46	2134.46
MW-10	5/19/2015	2294.55	NP	160.40	NP	2134.15	2134.15
MW-10	6/22/2015	2294.55	NP	160.99	NP	2133.56	2133.56
MW-11	4/16/2015	2290.63	NP	156.26	NP	2134.37	2134.37
MW-11	5/19/2015	2290.63	NP	156.63	NP	2134.00	2134.00
MW-11	6/22/2015	2290.63	NP	157.11	NP	2133.52	2133.52
MW-12	4/16/2015	2291.61	NP	157.33	NP	2134.28	2134.28
MW-12	5/19/2015	2291.61	NP	157.64	NP	2133.97	2133.97
MW-12	6/22/2015	2291.61	NP	158.21	NP	2133.40	2133.40
MW-13	4/16/2015	2289.75	NP	157.50	NP	2132.25	2132.25
MW-13	5/19/2015	2289.75	NP	157.81	NP	2131.94	2131.94
MW-13	6/22/2015	2289.75	NP	158.33	NP	2131.42	2131.42
MW-14	4/16/2015	2290.49	NP	157.31	NP	2133.18	2133.18
MW-14	5/19/2015	2290.49	NP	157.52	NP	2132.97	2132.97
MW-14	6/22/2015	2290.49	NP	158.07	NP	2132.42	2132.42
MW-15	4/16/2015	2291.28	NP	156.90	NP	2134.38	2134.38
MW-15	5/19/2015	2291.28	NP	157.20	NP	2134.08	2134.08
MW-15	6/22/2015	2291.28	NP	157.71	NP	2133.57	2133.57
MW-16	4/16/2015	2292.34	NP	159.45	NP	2132.89	2132.89

Table 3
Groundwater Elevation and Apparent LNAPL Thickness Data, Second Quarter 2015
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	Measurement date	Measuring point elevation	Depth to LNAPL	Depth to water	Apparent LNAPL thickness	Uncorrected groundwater elevation	Potentiometric surface elevation
MW-16	5/19/2015	2292.34	NP	159.77	NP	2132.57	2132.57
MW-16	6/22/2015	2292.34	NP	160.18	NP	2132.16	2132.16
MW-17	4/16/2015	2286.73	NP	152.72	NP	2134.01	2134.01
MW-17	5/19/2015	2286.73	NP	152.93	NP	2133.80	2133.80
MW-17	6/22/2015	2286.73	NP	153.45	NP	2133.28	2133.28
MW-18	4/16/2015	2286.08	NP	153.32	NP	2132.76	2132.76
MW-18	5/19/2015	2286.08	NP	153.50	NP	2132.58	2132.58
MW-18	6/22/2015	2286.08	NP	154.03	NP	2132.05	2132.05
MW-19	4/16/2015	2286.34	NP	151.83	NP	2134.51	2134.51
MW-19	5/19/2015	2286.34	NP	152.07	NP	2134.27	2134.27
MW-19	6/22/2015	2286.34	NP	152.57	NP	2133.77	2133.77
MW-20	4/16/2015	2290.38	NP	155.65	NP	2134.73	2134.73
MW-20	5/19/2015	2290.38	NP	155.85	NP	2134.53	2134.53
MW-20	6/22/2015	2290.38	NP	156.35	NP	2134.03	2134.03
MW-21	4/16/2015	2286.12	NP	153.67	NP	2132.45	2132.45
MW-21	5/19/2015	2286.12	NP	153.84	NP	2132.28	2132.28
MW-21	6/22/2015	2286.12	NP	154.27	NP	2131.85	2131.85
MW-22	4/16/2015	2286.83	NP	152.90	NP	2133.93	2133.93
MW-22	5/19/2015	2286.83	NP	153.09	NP	2133.74	2133.74
MW-22	6/22/2015	2286.83	NP	153.51	NP	2133.32	2133.32
MW-23	4/16/2015	2287.43	NP	152.22	NP	2135.21	2135.21
MW-23	5/19/2015	2287.43	NP	152.41	NP	2135.02	2135.02
MW-23	6/22/2015	2287.43	NP	152.88	NP	2134.55	2134.55
MW-24	4/16/2015	2283.85	NP	152.45	NP	2131.40	2131.40
MW-24	5/19/2015	2283.85	NP	152.61	NP	2131.24	2131.24
MW-24	6/22/2015	2283.85	NP	153.09	NP	2130.76	2130.76
MW-25	4/16/2015	2285.05	NP	154.16	NP	2130.89	2130.89
MW-25	5/19/2015	2285.05	NP	154.23	NP	2130.82	2130.82
MW-25	6/22/2015	2285.05	NP	154.63	NP	2130.42	2130.42
MW-26	4/16/2015	2286.29	NP	156.20	NP	2130.09	2130.09
MW-26	5/19/2015	2286.29	NP	156.29	NP	2130.00	2130.00
MW-26	6/22/2015	2286.29	NP	156.72	NP	2129.57	2129.57
MW-27	4/16/2015	2291.12	NP	168.26	NP	2122.86	2122.86
MW-27	5/19/2015	2291.12	NP	168.12	NP	2123.00	2123.00
MW-27	6/22/2015	2291.12	NP	168.45	NP	2122.67	2122.67
MW-28	4/16/2015	2284.40	NP	163.20	NP	2121.20	2121.20
MW-28	5/19/2015	2284.40	NP	163.06	NP	2121.34	2121.34
MW-28	6/22/2015	2284.40	NP	163.46	NP	2120.94	2120.94
MW-29D	4/16/2015	2288.60	NP	165.89	NP	2122.71	2122.71
MW-29D	5/19/2015	2289.85	NP	165.84	NP	2124.01	2124.01
MW-29D	6/22/2015	2289.85	NP	166.23	NP	2123.62	2123.62
MW-29M	4/16/2015	2288.33	NP	165.77	NP	2122.56	2122.56
MW-29M	5/19/2015	2288.33	NP	165.71	NP	2122.62	2122.62
MW-29M	6/22/2015	2288.33	NP	166.11	NP	2122.22	2122.22
MW-29S	4/16/2015	2289.85	NP	167.17	NP	2122.68	2122.68
MW-29S	5/19/2015	2288.60	NP	167.11	NP	2121.49	2121.49

Table 3
Groundwater Elevation and Apparent LNAPL Thickness Data, Second Quarter 2015
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	Measurement date	Measuring point elevation	Depth to LNAPL	Depth to water	Apparent LNAPL thickness	Uncorrected groundwater elevation	Potentiometric surface elevation
MW-29S	6/22/2015	2288.60	NP	167.48	NP	2121.12	2121.12
MW-30	4/16/2015	2283.36	NP	152.82	NP	2130.54	2130.54
MW-30	5/19/2015	2283.36	NP	152.95	NP	2130.41	2130.41
MW-30	6/22/2015	2283.36	NP	153.40	NP	2129.96	2129.96

NOTES
· Depths and thicknesses are expressed in feet (ft).
· Elevations are expressed in feet above mean sea level (ft amsl).
· For potentiometric surface calculations, specific gravity = 0.75.
· LNAPL = light non-aqueous phase liquid.
· NP = no LNAPL detected.

Table 4
PCE and TCE Vapor Analytical Results through 7-28-2004
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Date	Well ID	QC sample	PCE		TCE	
			ppbv	µg/m^3	ppbv	µg/m^3
1/28/2004	MW-03		47	330	<11	<59
1/28/2004	MW-04		<11	<74	<11	<59
1/28/2004	MW-05		400	2800	<11	<59
1/28/2004	MW-12		6400	44000	64	350
1/28/2004	SVE-1		<11	<73	<11	<58
3/9/2004	SVE-2-38		<13	<89	<13	<70
3/9/2004	SVE-2-75		<110	<740	<110	<590
3/9/2004	SVE-2-120		<160	<1100	<160	<850
3/9/2004	SVE-2-120	Duplicate	<110	<740	<110	<590
4/14/2004	MW-01		<7.6	<52	<7.6	<42
4/14/2004	MW-02		<7.6	<52	<7.6	<42
4/14/2004	MW-06		130	900	<9.7	<53
4/14/2004	MW-07		140	980	<34	<180
4/14/2004	MW-08		12	80	<9.7	<53
4/14/2004	MW-08	Duplicate	20	140	<7.8	<42
4/13/2004	MW-09		63	430	<38	<210
4/14/2004	MW-10		33	230	<20	<110
4/14/2004	MW-17		68	470	<11	<62
4/14/2004	MW-19		110	730	<7.6	<42
4/14/2004	MW-20		230	1600	<7.6	<42
4/14/2004	VMW-1-40		14	100	<7.6	<42
4/14/2004	VMW-1-75		32	220	<7.6	<42
4/14/2004	VMW-1-120		67	460	<7.6	<42
7/27/2004	MW-01		<7.8	<53	<7.8	<42
7/27/2004	MW-06		97	670	<8.0	<44
7/27/2004	MW-06	Duplicate	110	760	<8.0	<44
7/26/2004	MW-07		<17000	<120000	<17000	<92000
7/26/2004	MW-07*		1300	8800	<8.4	<46
7/27/2004	MW-10		10	73	<8.0	<44
7/27/2004	MW-10	Duplicate	16	110	<7.9	<43
7/27/2004	MW-11		1800	12000	<7.9	<43
7/27/2004	MW-12		4800	33000	76	410
7/27/2004	MW-13		3000	20000	<7.8	<42
7/27/2004	MW-14		3800	26000	120	690
7/27/2004	MW-15		42	290	<7.9	<43
7/28/2004	MW-16		18	130	<7.6	<42
7/28/2004	MW-17		60	420	<8.0	<44
7/28/2004	MW-17	Duplicate	55	380	<8.4	<46
7/29/2004	MW-18		800	5500	32	180
7/29/2004	MW-18	Duplicate	790	5400	33	180
7/28/2004	MW-19		530	3700	<7.8	<42
7/28/2004	MW-21		30	210	<8.0	<44
7/28/2004	MW-22		160	1100	<7.8	<42
7/28/2004	MW-23		370	2600	<7.8	<42
7/29/2004	MW-24		34	240	<7.8	<42
7/28/2004	MW-25		130	880	<8.2	<45

Table 4
PCE and TCE Vapor Analytical Results through 7-28-2004
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Date	Well ID	QC sample	PCE		TCE	
			ppbv	µg/m^3	ppbv	µg/m^3
7/29/2004	MW-26		40	280	<7.6	<42
7/27/2004	SVE-1		69	480	<7.9	<43
7/26/2004	SVE-2-40		<680	<4700	<680	<3700
7/26/2004	SVE-2-40*		<8.6	<59	<8.6	<47
7/26/2004	SVE-2-75		<16000	<110000	<16000	<86000
7/26/2004	SVE-2-75*		<7.9	<54	<7.9	<43
7/26/2004	SVE-2-120		<31000	<210000	<31000	<170000
7/26/2004	SVE-2-120*		<7.8	<53	<7.8	<42
7/26/2004	SVE-3-40		17	120	<12	<67
7/26/2004	SVE-3-75		140	930	<12	<64
7/27/2004	SVE-3-120		330	2300	<7.6	<42
7/27/2004	VMW-1-40		17		<12	
7/27/2004	VMW-1-75		140		<12	
7/27/2004	VMW-1-120		330		<7.6	

NOTES
· PCE = tetrachloroethene.
· TCE = trichloroethene.
· * = sample was re-analyzed for a lower detection limit.
· < = analyte not detected above indicated detection limit.

Table 5
April 2007 SVE Baseline Soil Vapor Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	MTBE	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	TPH	PCE	TCE
SVE-1		4/4/2007	4600000	980000	2100000	150000	370000	120000	71000000	<370/<370*	<370/<370*
SVE-2S		4/4/2007	5100	ND	ND	ND	ND	ND	370000	12	<11
SVE-2M		4/4/2007	4400000	170000	280000	ND	100000	35000	38000000	<22	<22
SVE-2D		4/4/2007	5800000	930000	1100000	7000	180000	51000	72000000	<310	<310
SVE-3S		4/4/2007	14000	ND	920	ND	560	600	780000	<37	<37
SVE-3M		4/4/2007	5200	ND	ND	ND	ND	ND	370000	60	<12
SVE-3D		4/4/2007	150000	ND	20000	2200	6100	2700	15000000	160	<120
SVE-4S		4/4/2007	28000	ND	16000	3000	22000	11000	1900000	<60	<60
SVE-4M		4/4/2007	81000	ND	2900	ND	4600	2200	2900000	200	<74
SVE-4D		4/4/2007	4200000	710000	1100000	50000	140000	51000	63000000	340	<320
SVE-5S		4/4/2007	78000	ND	12000	430	11000	6100	2800000	<94/<94*	<94/<94*
SVE-5I		4/4/2007	84000	ND	6200	410	12000	6600	3000000	<98	<98
SVE-5M		4/4/2007	280000	ND	8400	ND	9100	3000	8000000	<220	<220
SVE-5D		4/4/2007	4100000	1100000	1400000	78000	190000	60000	86000000	<370	<370
SVM-1		4/5/2007	ND	23000	9800	ND	ND	ND	25000000	170	<11
SVM-2		4/5/2007	ND	5.1	3.8	ND	ND	ND	5500	170	<10
SVM-3		4/5/2007	20	ND	1.3	ND	ND	ND	1000	68	<11
MW-01		4/5/2007	6100000	320000	130000	ND	270000	96000	130000000	<66	<66
MW-02		4/6/2007	4300000	380000	280000	ND	73000	ND	180000000	<140	<140
MW-03		4/5/2007	650000	90000	ND	ND	ND	ND	160000000	23	<11
MW-04		4/5/2007	8900000	640000	730000	ND	350000	110000	200000000	<250	<250
MW-05		4/5/2007	3300000	1200000	810000	ND	110000	ND	210000000	<460	<460
MW-06		4/6/2007	700000	280000	160000	ND	ND	ND	150000000	460	<68
MW-07		4/5/2007	ND	89000	35000	ND	ND	ND	100000000	400	<11
MW-08		4/5/2007	630000	340000	390000	ND	140000	64000	140000000	<190	<190
MW-09		4/5/2007	780000	530000	360000	ND	58000	ND	130000000	<180	<180
MW-10		4/5/2007	1100000	550000	370000	ND	80000	ND	130000000	<190	<190
MW-11		4/6/2007	ND	ND	ND	ND	ND	ND	68000000	1700	<11
MW-12		4/6/2007	13000	ND	ND	ND	ND	ND	48000000	3900	<22
MW-13		4/6/2007	ND	290000	150000	ND	ND	ND	100000000	<74	<74
MW-14		4/6/2007	ND	ND	ND	ND	ND	ND	43000000	2200/2400*	560/570*
MW-15		4/6/2007	ND	ND	ND	ND	ND	ND	29000000	40	<11
MW-16		4/6/2007	ND	ND	ND	ND	ND	ND	6200000	840	<11
MW-17		4/9/2007	3500000	280000	230000	ND	160000	73000	210000000	670	<110
MW-17	Duplicate	4/9/2007	3200000	250000	200000	ND	160000	73000	190000000	NA	NA
MW-18		4/9/2007	42000	13000	30000	1700	19000	73000	5200000	16	<11
MW-19		4/9/2007	680000	130000	69000	ND	27000	18000	170000000	2800	<32
MW-20		4/9/2007	720000	270000	140000	ND	17000	ND	150000000	2900	<64

Table 5
April 2007 SVE Baseline Soil Vapor Analytical Results
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	MTBE	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	TPH	PCE	TCE
MW-21		4/6/2007	620000	5200	5400	ND	43000	19000	64000000	<11	<11
MW-22		4/6/2007	ND	ND	ND	ND	ND	ND	2000000	94	<11
MW-23		4/9/2007	ND	12000	1800	ND	ND	ND	39000000	340	200
MW-23	Duplicate	4/9/2007	ND	12000	1800	ND	ND	ND	38000000	NA	NA
MW-24		4/9/2007	ND	ND	1.69	ND	ND	ND	150	42	<11
MW-25		4/6/2007	ND	ND	ND	ND	ND	ND	160000	1300	110
MW-26		4/9/2007	75	ND	ND	ND	ND	ND	280	280	24
MW-122		4/6/2007	ND	ND	ND	ND	ND	ND	370000000	1800	<11

NOTES
· All results are expressed in parts per billion by volume (ppbv).
· MTBE = methyl tert-butyl ether/
· TPH = total petroleum hydrocarbons.
· PCE = tetrachloroethene.
· TCE = trichloroethene.
· SVE = soil vapor extraction well.
· SVM = soil vapor monitoring well.
· MW = groundwater monitoring well.
· ND = not detected.
· < = analyte not detected at or above indicated reporting limit.
· * = laboratory duplicate analysis was performed.

Table 6
SVETS Analytical Results through Fourth Quarter 2014, Air Quality Control Permit #1673
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Sample Date	PCE				TCE				TPH					Benzene			
	Influent	Post Oxidizer	Middle Carbon	Effluent	Influent	Post Oxidizer	Middle Carbon	Effluent	Influent	Post Oxidizer	Middle Carbon	Effluent	Thermal Oxidizer Destruction Efficiency	Influent	Post Oxidizer	Middle Carbon	Effluent
6/11/2007	NA	<1.1	<1.1	<1.1	NA	<1.1	<1.1	<1.1	NA	<22	<22	<2.2	NA	NA	<1.1	<1.1	<1.1
7/16/2007	NA	<0.79	<0.73	<0.74	NA	<1.1	<0.73	<0.74	NA	23	<22	35	NA	NA	<0.79	<0.73	<0.74
7/19/2007	NA	<0.25	<0.15	<0.14	NA	<0.25	<0.15	<0.14	NA	23	21	25	NA	NA	0.48	<0.15	<0.14
7/23/2007	NA	<0.15	<0.15	1.4	NA	<0.15	<0.15	<0.15	NA	11	10	11	NA	NA	0.24	<0.15	<0.15
8/13/2007	NA	<0.16	<0.15	<0.15	NA	<0.16	<0.15	<0.15	NA	57	24	15	NA	NA	2.1	<0.15	0.17
8/17/2007	NA	<0.17	<0.15	<0.16	NA	<0.17	<0.15	<0.16	NA	53	21	31	NA	NA	1.5	0.18	0.54
8/24/2007	NA	<0.41	<0.15	<0.15	NA	<0.15	<0.15	<0.15	NA	31	44	53	NA	NA	0.5	0.26	0.26
8/31/2007	NA	<0.15	<0.15	<0.15	NA	<0.15	<0.15	<0.15	NA	48	83	34	NA	NA	0.54	0.26	<0.15
9/5/2007	NA	<0.15	<0.15	<0.15	NA	<0.15	<0.15	<0.15	NA	190	69	63	NA	NA	0.66	0.18	<0.15
9/7/2007	NA	<0.15	<0.15	<0.15	NA	<0.15	<0.15	<0.15	NA	160	82	98	NA	NA	1.5	0.59	0.71
9/14/2007	NA	<0.15	<0.15	<0.15	NA	<0.15	<0.15	1	NA	19	34	42	NA	NA	0.39	0.36	0.34
9/18/2007	NA	<0.15	<0.14	<0.15	NA	<0.15	<0.14	<0.15	NA	4.3	3.8	90	NA	NA	0.15	<0.14	1.1
9/26/2007	NA	<0.15	<0.14	<0.14	NA	<0.15	<0.14	<0.15	NA	3	9.5	8.6	NA	NA	0.2	<0.14	<0.14
9/28/2007	NA	<0.16	<0.15	<0.15	NA	<0.16	<0.15	<0.15	NA	4.3	10	31	NA	NA	0.19	<0.15	<0.15
10/18/2007	<1000	<0.7	<0.66	<0.73	<1000	<0.7	<0.66	<0.73	5500000	140	240	<15	99.9975	54000	<0.7	<0.66	<0.73
10/19/2007	<1000	<0.73	<0.74	<0.73	<1000	<0.73	<0.74	<0.73	5800000	83	50	190	99.9986	56000	<0.73	<0.74	<0.73
10/23/2007	<1000	<0.84	<0.8	<0.72	<1000	<0.84	<0.8	<0.72	5600000	<15	76	28	99.9997	65000	<0.84	<0.80	<0.72
10/25/2007	<1000	<0.84	<0.8	<0.72	<1000	<0.84	<0.8	<0.72	4100000	<14	76	<14	99.9997	55000	<0.84	<0.80	<0.72
10/30/2007	<660	<0.68	<0.73	<0.8	<660	<0.68	<0.73	<0.8	5600000	<14	<15	<16	99.9998	50000	<0.68	<0.73	<0.80
11/1/2007	<1000	<0.76	<0.73	<0.73	<1000	<0.76	<0.73	0.86	7700000	<15	<15	<16	99.9998	73000	<0.76	<0.73	<0.73
11/6/2007	<570	<0.79	<0.73	<0.73	<570	<0.79	<0.73	<0.73	<11000	<16	<15	<15	NA	57000	<0.79	<0.73	<0.73
11/8/2007	<1000	<0.76	<0.73	<0.73	<1000	<0.76	<0.73	<0.73	6300000	<15	17	<15	99.9998	54000	<0.76	<0.73	<0.73
11/12/2007	<1000	<0.73	<0.74	<0.78	<1000	<0.73	<0.74	<0.78	5600000	<15	<15	<16	99.9997	62000	<0.73	<0.74	<0.78
11/15/2007	<1000	<0.78	<0.74	<0.8	<1000	<0.78	<0.74	<0.8	3300000	27	22	<16	99.9992	58000	<0.78	<0.74	<0.80
11/20/2007	<1000	<0.76	<0.79	<0.78	<1000	<0.76	<0.79	<0.78	4400000	<15	<16	<16	99.9997	44000	<0.76	<0.79	<0.78
11/21/2007	<840	<0.76	<0.78	<0.84	<840	<0.76	<0.78	<0.84	4700000	<15	<16	<17	99.9997	42000	<0.76	<0.78	<0.84
11/28/2007	830	<0.73	<0.67	<0.72	3100	<0.73	<0.67	<0.72	1900000	21	28	<14	99.9989	18000	<0.73	1.9	<0.72
11/30/2007	<400	<0.73	<0.74	<0.73	<400	<0.73	<0.74	<0.73	7400000	100	<15	<15	99.9986	40000	<0.73	<0.74	<0.73
12/4/2007	<800	<0.74	<0.74	<0.74	<800	<0.74	<0.74	<0.74	8000000	<15	76	17	99.9998	45000	<0.74	<0.74	<0.74
12/7/2007	<1000	<0.73	<0.73	<0.73	<1000	<0.73	<0.73	<0.73	7100000	<15	15	26	99.9996	43000	<0.73	<0.73	<0.73
12/14/2007	<660	<0.70	<0.70	<0.72	<660	<0.70	<0.70	<0.72	4000000	<14	130	26	99.9994	23000	<0.70	<0.70	<0.72
12/17/2007	<500	<0.72	<0.72	<0.73	<500	<0.72	<0.72	<0.73	4600000	<14	110	35	99.9992	29000	<0.72	<0.72	<0.73
12/21/2007	<200	<0.73	<0.73	<0.73	<200	<0.73	<0.73	<0.73	3000000	<15	24	58	99.9981	15000	<0.73	0.97	<0.73
1/3/2008	NA	<0.72	<0.70	<0.70	NA	<0.72	<0.70	<0.70	NA	15	82	100	NA	NA	1.2	<0.70	<0.70
1/10/2008	<660	<0.73	<0.73	<0.73	<660	<0.73	<0.73	<0.73	7600000	<15	<15	16	99.9998	50000	<0.73	<0.73	<0.73
1/11/2008	<500	<0.74	<0.73	<0.74	<500	<0.74	<0.73	<0.74	5500000	20	<15	<15	100.0000	34000	<0.74	<0.73	<0.74
1/16/2008	<1000	<0.73	<0.73	<0.73	<1000	<0.73	<0.73	<0.73	3500000	20	16	<15	100.0000	29000	<0.73	<0.73	<0.73

Table 6
SVETS Analytical Results through Fourth Quarter 2014, Air Quality Control Permit #1673
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Sample Date	PCE				TCE				TPH					Benzene			
	Influent	Post Oxidizer	Middle Carbon	Effluent	Influent	Post Oxidizer	Middle Carbon	Effluent	Influent	Post Oxidizer	Middle Carbon	Effluent	Thermal Oxidizer Destruction Efficiency	Influent	Post Oxidizer	Middle Carbon	Effluent
1/24/2008	<780	<0.82	<0.76	<0.74	<780	<0.82	<0.76	<0.74	3500000	35	62	100	99.9971	27000	<0.82	<0.76	0.85
1/31/2008	<680	<0.9	<0.86	<0.82	<680	<0.9	<0.86	<0.82	4800000	<18	21	<16	100.0000	42000	<0.90	<0.86	<0.82
2/6/2008	240 J	<0.7	<0.78	<0.7	<560	<0.7	<0.78	<0.7	7000000	240	21	88	99.9987	36000	<0.70	<0.78	<0.70
2/14/2008	2400	<0.78	<0.72	<0.72	1000	<0.78	<0.72	<0.72	6800000	40	150	110	99.9984	44000	<0.78	<0.72	<0.72
2/22/2008	<810	<1.6	<1.4	<1.4	<810	<1.6	<1.4	<1.4	4200000	<31	<29	<29	100.0000	36000	<1.6	<1.4	<1.4
2/29/2008	<500	<1.3	<1.3	<1.2	<500	<1.3	<1.3	<1.2	2200000	<27	130	51	99.9977	42000	<1.3	<1.3	<1.3
3/6/2008	<58	<1.3	<1.4	<1.3	<58	<1.3	<1.4	<1.3	160000	180	<28	<27	100.0000	3600	180	<1.4	<1.3
3/12/2008	<730	<0.72	<0.74	<0.74	<730	<0.72	<0.74	<0.74	1600000	42	16	<.74	100.0000	36000	10	<0.74	<0.74
3/18/2008	<1100	<0.9	<0.84	<0.82	<1100	<0.9	<0.84	<0.82	4900000	100	54	41	99.9992	42000	2.2	<0.84	<0.82
4/2/2008	<270	<0.86	<0.86	<8.2	<270	<0.86	<0.86	<8.2	1800000	200	70	<160	100.0000	13000	<0.86	<0.86	<8.2
7/17/2008	<700	<0.76	<0.79	<0.73	<700	<0.76	<0.79	<0.73	520000	<15	<16	<15	100.0000	30000	<0.76	<0.79	<0.73
8/8/2008	<1300	<0.8	<0.79	<0.78	<1300	<0.8	<0.79	<0.78	5600000	<16	<16	<16	100.0000	36000	<0.8	<0.79	<0.78
9/24/2008	1100	<0.8	<0.78	<0.79	<740	<0.80	<0.78	<0.79	8000000	27	71	<16	100.0000	4500	<0.8	<0.78	<0.79
10/11/2008	<760	<0.76	<0.78	<0.78	<760	<0.76	<0.78	<0.78	11000000	<15	34	33	99.9990	66000	<0.76	<0.78	<0.78
5/20/2009	<550	<1.3	<1.2	<1.1	<550	<1.3	<1.2	<1.1	6700000	<27	<24	<22	100.0000	72000	<1.3	<1.2	<1.1
6/24/2009	<1200	<1.2	<1.2	<1.2	<1200	<1.2	<1.2	<1.2	9500000	4300	120	<25	100.0000	100000	54	<1.2	<1.2
7/22/2009	<600	<1.2	140	<1.2	<600	<1.2	2.3	<1.2	6800000	200	140	140	100.0000	88000	2.1	<1.2	<1.2
8/24/2009	<440	<11	<11	<11	<440	<11	<11	<11	6500000	<220	<220	<220	100.0000	67000	<11	<11	<11
9/29/2009	<1200	<1.2	<1.2	<1.2	<1200	<1.2	<1.2	<1.2	6100000	120	41	56	99.9991	63000	1.7	<1.2	<1.2
10/22/2009	<1900	<1.1	<1.1	<1.1	<1900	<1.1	<1.1	<1.2	5000000	290	1400	2900	99.9420	64000	3.4	12	26
12/8/2009	<1100	<1.1	<1.1	<1.1	<1100	<1.1	<1.1	<1.1	7200000	780	<22	<22	99.9997	57000	5.3	<1.1	<1.1
1/21/2010	<470	<1.1	<1.2	<1.1	<470	<1.1	<1.2	<1.1	6700000	1300	<23	<23	99.9997	59000	<1.1	<1.2	<1.1
2/26/2010	<1200	<1.2	<1.2	<1.2	<1200	<1.2	<1.2	<1.2	8700000	81	28	<23	99.9997	58000	<1.2	<1.2	<1.2
3/22/2010	<1200	<1.2	<1.2	<1.2	<1200	<1.2	<1.2	<1.2	6800000	310	61	<23	99.9997	58000	<1.2	<1.2	<1.2
6/29/2010	<220	<1.1	<1.1	<1.1	<220	<1.2	<1.2	<1.2	7600000	<23	<23	<23	99.9997	52000	<1.2	<1.1	<1.1
7/28/2010	<630	<0.79	<0.78	<0.78	<630	<0.79	<0.78	<0.78	4800000	<40	<40	<39	99.9995	49000	<0.79	<0.78	<0.78
8/26/2010	<560	<1.2	<1.2	<1.2	<560	<1.2	<1.2	<1.2	5500000	120	160	86	99.9996	32000	1.5	<1.2	<1.2
9/23/2010	<280	<1.1	<1.1	<1.1	<280	<1.1	<1.1	<1.1	5200000	93	<57	<57	99.9996	27000	1.2	<1.1	<1.1
10/25/2010	<380	<1.2	<1.2	<1.1	<380	<1.2	<1.2	<1.1	6200000	100	<58	<58	99.9996	24000	<1.2	<1.2	<1.1
11/18/2010	<1100	<1.1	<1.2	<1.2	<1100	<1.1	<1.2	<1.2	8500000	130	<58	<58	99.9997	28000	<1.2	<1.2	<1.2
12/15/2010	<640	<1.2	<1.2	<1.2	<640	<1.2	<1.2	<1.2	7100000	96	<59	<59	99.9997	23000	<1.2	<1.2	<1.2
1/24/2011	<1200	<1.2	<1.2	<1.2	<1200	<1.2	<1.2	<1.2	5300000	<59	<59	<59	99.9996	14000	<1.2	<1.2	<1.2
2/28/2011	<510	<1.2	<1.2	<1.2	<510	<1.2	<1.2	<1.2	4000000	<56	<56	<56	99.9995	9800	<1.2	<1.2	<1.2
3/25/2011	<790	<1.2	<1.2	<1.2	<790	<1.2	<1.2	<1.2	4500000	<59	<59	<59	99.9995	19000	<1.2	<1.2	<1.2
4/21/2011	<570	<1.2	<1.1	<1.2	<570	<1.2	<1.1	<1.2	6100000	<58	<58	<58	99.9996	15000	<1.2	<1.1	<1.2
5/24/2011	<200	<1.2	<1.2	<1.2	<200	<1.2	<1.2	<1.2	6700000	<60	<60	<60	99.9997	18000	<1.2	<1.2	<1.2
7/5/2011	<460	<1.1	<1.2	<1.1	<460	<1.1	<1.2	<1.1	5100000	<56	<58	<56	99.9996	31000	<1.1	<1.2	<1.1

Table 6
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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Sample Date	PCE				TCE				TPH					Benzene			
	Influent	Post Oxidizer	Middle Carbon	Effluent	Influent	Post Oxidizer	Middle Carbon	Effluent	Influent	Post Oxidizer	Middle Carbon	Effluent	Thermal Oxidizer Destruction Efficiency	Influent	Post Oxidizer	Middle Carbon	Effluent
8/3/2011	<280	<1.1	<1.2	<1.1	<280	<1.1	<1.2	<1.1	3700000	<57	<58	<56	99.9994	10000	<1.1	<1.2	<1.1
9/28/2011	<580	<1.2	<1.2	<1.2	<580	<1.2	<1.2	<1.2	6600000	<59	<60	<58	99.9997	6300	<1.2	<1.2	<1.2
10/13/2011	<300	<0.78	<0.78	<0.78	<300	<0.78	<0.78	<0.78	6000000	74	64	98	99.9996	4600	<0.78	<0.78	<0.78
11/18/2011	<500	<0.74	<0.74	<0.74	<500	<0.74	<0.74	<0.74	4000000	82	70	80	99.9995	3300	<0.74	<0.74	<0.74
12/15/2011	<220	<0.76	<0.78	<0.76	<220	<0.76	<0.78	<0.76	3400000	<38	<39	<38	99.9994	2400	<0.76	<0.78	<0.76
1/30/2012	<310	<0.76	<0.74	<0.78	<310	<0.76	<0.74	<0.78	3000000	<38	<37	<39	99.9993	1900	<0.76	<0.74	<0.78
2/23/2012	1600	<0.79	<1	<0.79	<160	<0.79	<1	<0.79	2800000	<40	<52	<40	99.9992	1800	<0.79	<1	<0.79
3/20/2012	<370	<0.74	<0.76	<0.76	<370	<0.74	<0.76	<0.76	2600000	<37	<38	<38	99.9992	2500	<0.74	<0.76	<0.76
4/20/2012	140	<0.76	<0.76	<0.76	<92	<0.76	<0.76	<0.76	2500000	200	330	140	99.9991	1200	<0.76	<0.76	<0.76
12/14/2012	120	<2.2	<2.2	<1.1	<92	<2.2	<2.2	<1.1	3600000	<110	<110	<54	99.9994	5300	<2.2	<2.2	<1.1
1/8/2013	<110	<1.1	<1.1	<1.1	<110	<1.1	<1.1	<1.1	2400000	60	<56	<57	99.9991	3200	<1.1	<1.1	<1.1
6/19/2013	<110	<1	<1.1	<1.1	<110	<1	<1.1	<1.1	2400000	<53	<56	<55	99.9991	4600	<1	<1.1	<1.1
7/19/2013	<220	<1.1	<1.2	<1.2	<220	<1.1	<1.2	<1.2	2900000	<57	<58	<58	99.9992	4200	<1.1	<1.2	<1.2
9/12/2013	64	<1.1	<1.1	<1.2	<56	<1.1	<1.1	<1.2	2200000	<56	<56	<58	99.9990	2600	<1.1	<1.1	<1.2
10/15/2014	76	<1.1	<1.2	<1.1	<38	<1.1	<1.2	<1.1	17000000	<55	<58	<56	99.9999	1800	<1.1	<1.2	<1.1
11/21/2013	<110	<1.1	<1.2	<1.1	<110	<1.1	<1.2	<1.1	840000	<57	<58	<57	99.9974	1200	<1.1	<1.2	<1.1
12/12/2013	<450	<1.1	<1.1	<1.1	<450	<1.1	<1.1	<1.1	5600000	<53	<56	<57	99.9996	63000	<1.1	<1.1	<1.1
2/11/2014	380	<1.2	<1.1	<1.2	<300	<1.2	<1.1	<1.2	2800000	<60	<57	<60	99.9992	2700	<1.2	<1.1	<1.2
3/14/2014	<590	<1.2	<1.2	<1.2	<590	<1.2	<1.2	<1.2	5400000	<58	<58	<58	99.9996	16000	<1.2	<1.2	<1.2
4/8/2014	<280	<1	<1.2	<1.2	<280	<1	<1.2	<1.2	4200000	<51	<58	<58	99.9995	9200	<1	<1.2	<1.2
5/9/2014	<460	<1.1	<1.1	<1.1	<460	<1.1	<1.1	<1.1	1400000	<57	<57	<56	99.9984	5700	<1.1	<1.1	<1.1
6/10/2014	<300	<1.3	<1.2	<1.1	<300	<1.3	<1.2	<1.1	2500000	<63	<60	<57	99.9991	4800	<1.3	<1.2	<1.1
7/31/2014	<280	<1.1	<1.1	<1.1	<280	<1.1	<1.1	<1.1	1500000	<56	<57	<56	99.9985	3300	<1.1	<1.1	<1.1
8/29/2014	<240	<1.2	<1.2	<1.2	<240	<1.2	<1.2	<1.2	1600000	<60	<60	<62	99.9986	2600	<1.2	<1.2	<1.2
9/19/2014	700	<1.1	<1.2	1.7	<220	<1.1	<1.2	<1.1	1600000	<56	<58	<56	99.9986	1900	<1.1	<1.2	<1.1
10/15/2014	<120	<1.2	<1.2	<1.2	<120	<1.2	<1.2	<1.2	1800000	<59	<60	<61	99.9988	1200	<1.2	<1.2	<1.2
11/7/2014	<110	<1.2	<1.2	<1.1	<110	<1.2	<1.2	<1.1	1600000	<58	<58	<56	99.9986	1400	<1.2	<1.2	<1.1
12/5/2014	400	<1.1	<1.1	<1.1	33	<1.1	<1.1	<1.1	420000	<120	<100	<110	99.9948	400	<1.1	<1.1	<1.1

NOTES

· Concentrations are expressed in parts per billion by volume (ppbv).
· PCE = tetrachloroethene.
· TCE = trichloroethene.
· TPH = total petroleum hydrocarbons.
· J = concentration is estimated.

Table 7
Monitored Natural Attenuation Analytical Results, Second Quarter 2015
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Sample date	Iron, total	TDS	Nitrate	Nitrite	Sulfate	Methane
EPA MCL (mg/L)			**0.3**	**500**	**10**	**1**	**250**	**N/A**
MW-01		4/21/2015	<0.1	**530**	2.8	<0.1	180	<0.01
MW-02		4/21/2015	**0.39**	**630**	0.41	<0.1	138	<0.01
MW-04		4/21/2015	<0.1	360	3.7	<0.1	91	<0.01
MW-05		4/21/2015	<0.1	400	4.3	<0.1	100	<0.01
MW-06		4/21/2015	**9.8**	**560**	4.4	<0.1	92	<0.01
MW-13		4/17/2015	<0.1	370	3.1	<0.1	76	<0.01
MW-14		4/17/2015	<0.1	**640**	2.8	<0.1	220	<0.01
MW-16		4/23/2015	<0.1	**760**	2.3	<0.1	<5.0	0.014
MW-16	Duplicate	4/23/2015	<0.1	**750**	2.0	<0.1	<5.0	0.014
MW-17		4/23/2015	**1.30**	**880**	<0.1	<0.1	130	0.30
MW-18		4/22/2015	0.24	**660**	<0.1	<0.1	180	<0.01
MW-18	Duplicate	4/22/2015	0.21	**660**	0.138	<0.1	168	0.011
MW-19		4/23/2015	0.17	130	1.3	<0.1	**310**	<0.01
MW-20		4/21/2015	<0.1	**620**	3.2	<0.1	**250**	<0.01
MW-21		4/23/2015	0.26	**520**	<0.1	<0.1	120	0.026
MW-22		4/22/2015	<0.1	**640**	2.9	<0.1	210	<0.01
MW-24		4/22/2015	<0.1	**910**	1.8	0.12	**380**	<0.01
MW-25		4/17/2015	<0.1	**590**	2.7	<0.1	170	<0.01
MW-26		4/22/2015	**0.36**	440	<0.1	<0.1	96.6	0.73
MW-26	Duplicate	4/22/2015	**0.41**	440	<0.1	<0.1	96	0.71
MW-27		4/20/2015	0.14	**820**	6.7	NA	**266**	<0.01
MW-28		4/20/2015	**0.40**	**710**	4.1	NA	**250**	<0.01
MW-29D		4/20/2015	**0.93**	**780**	2.4	<0.1	**270**	<0.01
MW-29M		4/20/2015	**0.46**	**730**	2.3	<0.1	230	<0.01
MW-29S		4/20/2015	0.15	**940**	2.9	<0.1	**370**	<0.01
MW-30		4/22/2015	<0.1	**610**	1.9	<0.1	180	0.024

NOTES
· Analytical results are expressed in milligrams per liter (mg/L).
· Results displayed in bold exceed the EPA MCL.
· EPA MCL = Environmental Protection Agency Maximum Contaminant Level.
· TDS = total dissolved solids.
· < = analyte concentration below displayed detection limit.
· NA = not analyzed.

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-01		10/25/2012	<0.05	<0.1	<0.01	3.4	<0.1	120	<3.0	440	0.00	5.12	147.2	NM	NM
MW-01		1/24/2013	<0.05	<0.1	<0.01	3.5	<0.1	120	<3.0	440	0.00	5.21	-401.8	NM	NM
MW-01		4/16/2013	<0.05	0.36	<0.01	3.6	<0.1	120	<3.0	450	0.03	5.29	-19.6	NM	NM
MW-01		7/9/2013	<0.05	0.22	0.013	3.8	<0.1	120	<3.0	440	0.00	6.64	272.0	NM	NM
MW-01		10/8/2013	NA	<0.1	<0.01	3.6	<0.1	63	NA	470	0.00	6.67	222.1	<0.64	NM
MW-01		1/17/2014	NA	0.15	<0.01	3.7	<0.1	140	NA	480	0.00	7.06	152.1	<0.64	NM
MW-01		4/22/2014	NA	<0.1	<0.01	3.5	<0.1	120	NA	440	0.00	7.40	94.9	1.28 to 1.92	NM
MW-01		7/16/2014	NA	<0.1	<0.01	3.7	<0.1	130	NA	490	0.05	6.47	108.5	1.28 to 1.92	NM
MW-01	Duplicate	7/16/2014	NA	<0.1	<0.01	3.7	<0.1	130	NA	480	0.05	6.47	108.5	1.28 to 1.92	NM
MW-01		10/2/2014	NA	<0.1	<0.01	3.0	<0.1	130	NA	480	0.03	7.28	235.6	<0.64	0.6
MW-02		4/19/2013	0.87	0.66	<0.01	1.6	<0.1	150	<3.0	540	NM	1.02	-164.0	NM	NM
MW-02		7/11/2013	1.8	1.5	<0.01	<0.1	0.12	170	<3.0	470	1.83	0.50	-29.1	NM	NM
MW-02	Duplicate	7/11/2013	1.6	1.6	<0.01	<0.1	0.11	160	<3.0	680	1.83	0.50	-29.1	NM	NM
MW-02		10/10/2013	NA	0.65	<0.01	0.1	<0.1	190	NA	660	0.41	0.59	45.9	<0.64	NM
MW-02	Duplicate	10/10/2013	NA	0.58	<0.01	0.3	<0.1	180	NA	650	0.41	0.59	45.9	<0.64	NM
MW-02		1/17/2014	NA	1.1	<0.01	<0.1	<0.1	170	NA	640	0.20	0.79	-37.1	1.28 to 1.92	NM
MW-02		4/24/2014	NA	0.2	<0.01	1.4	<0.1	160	NA	590	0.00	1.44	32.2	<0.64	NM
MW-02		7/17/2014	NA	<0.1	<0.01	1.6	<0.1	200	NA	620	0.00	0.78	-111.3	<0.64	NM
MW-02		10/2/2014	NA	<0.1	<0.01	2.3	<0.1	180	NA	570	0.04	2.61	182.5	<0.64	0.4
MW-03		4/27/2005	NA	<0.05	<1.0	2.8	<0.2	110	<2.0	110	0.02	6.28	121.0	NM	NM
MW-03		5/24/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.01	6.75	132.0	NM	NM
MW-03		6/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.04	8.33	76.0	NM	NM
MW-03		7/27/2005	NA	0.53	9	2.6	<0.2	98	<2.0	370	0.05	5.87	80.0	NM	NM
MW-03		8/30/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.05	6.54	237.0	NM	NM
MW-03		9/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.01	4.98	126.0	NM	NM
MW-03		10/25/2005	NA	0.53	<1.0	5.7	<0.2	99	<2.0	370	0.04	6.66	4.1	NM	NM
MW-03	Duplicate	10/25/2005	NA	<0.05	<1.0	2.6	<0.2	99	<2.0	370	0.04	6.66	4.1	NM	NM
MW-03		11/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.01	6.01	143.0	NM	NM
MW-03		12/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.04	9.30	113.0	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-03		1/24/2006	NA	<0.05	<1.0	2.5	<0.2	95	<2.0	310	0.10	7.75	194.0	NM	NM
MW-03		2/22/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	11.60	113.0	NM	NM
MW-03		3/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.68	133.0	NM	NM
MW-03		4/26/2006	NA	<0.05	<1.0	2.5	<0.2	90	<2.0	350	0.02	7.35	129.0	NM	NM
MW-03		5/24/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	8.75	98.0	NM	NM
MW-03		6/28/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	10.46	113.0	NM	NM
MW-03		8/2/2006	NA	0.059	<1.0	2.4	<0.2	86	<2.0	340	NM	NM	NM	NM	NM
MW-03		8/30/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	11.79	94.0	NM	NM
MW-03		9/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	6.37	70.0	NM	NM
MW-03		10/25/2006	NA	<0.05	<1.0	2.3	<0.2	81	<2.0	330	0.02	8.59	215.0	NM	NM
MW-03		10/25/2006	NA	<0.05	<1.0	2.3	<0.2	81	<2.0	330	0.02	8.59	215.0	NM	NM
MW-03		11/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	8.15	76.0	NM	NM
MW-03		1/30/2007	NA	0.12	2.4	2.4	<0.2	70	<1.0	340	0.00	14.89	44.0	NM	NM
MW-03		4/26/2007	NA	0.14	<1.0	2.4	<0.2	69	<1.0	340	0.00	7.83	150.0	NM	NM
MW-03		7/25/2007	NA	0.069	<1.0	2.5	<0.2	66	<1.0	310	0.01	6.25	90.0	NM	NM
MW-03		10/24/2007	<0.05	<0.05	<1.0	2.5	<0.2	59	6.8	340	0.03	5.95	56.0	NM	NM
MW-03		1/30/2008	<0.01	0.05	<0.5	2.2	0.1	57	<2.0	340	0.01	6.00	82.6	NM	NM
MW-03		4/23/2008	<0.01	<0.02	<0.48	2.3	<0.1	61	2	330	0.00	5.33	32.0	NM	NM
MW-03		7/31/2008	0.02	0.02	0.48	2.5	<0.1	65	<2.0	330	0.00	6.44	-83.4	NM	NM
MW-03		10/15/2008	<0.05	<0.1	<0.01	3.3	<0.25	65	<2.0	340	0.00	NM	-39.7	NM	NM
MW-03		1/28/2009	<0.05	<0.1	<0.01	3.3	<0.25	70	<2.0	340	0.07	6.31	-115.2	NM	NM
MW-03		4/30/2009	<0.05	<0.1	<0.01	3.5	<0.25	77	<2.0	350	0.00	6.62	3.9	NM	NM
MW-03		7/21/2009	<0.05	<0.1	<0.01	3.6	<0.25	87	<2.0	360	0.11	7.23	-94.1	NM	NM
MW-03	Duplicate	7/21/2009	<0.05	<0.1	<0.01	3.6	<0.25	88	<2.0	380	0.11	7.23	-94.1	NM	NM
MW-03		10/7/2009	<0.05	<0.1	<0.01	3.5	<0.25	86	<2.0	380	0.02	4.88	139.0	NM	NM
MW-03		1/21/2010	<0.05	<0.1	0.024	3.4	<0.25	86	<2.0	360	0.09	5.65	29.0	NM	NM
MW-03		4/13/2010	<0.05	ND	<0.01	3.6	<0.25	89	<2.0	360	0.00	11.39	-12.7	NM	NM
MW-03		7/13/2010	0.073	0.16	<0.01	3.5	<0.1	95	<3.0	440	0.09	6.36	33.1	NM	NM
MW-03		10/19/2010	<0.05	<0.1	<0.01	3.1	<0.1	89	<3.0	410	0.00	7.40	32.5	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-03		1/11/2011	<0.05	<0.1	<0.01	3.4	<0.1	92	<3.0	400	0.17	7.38	-35.4	NM	NM
MW-03		4/12/2011	0.09	0.61	<0.01	3.5	<0.1	99	<3.0	410	0.00	6.79	297.9	NM	NM
MW-03		7/13/2011	<0.05	<0.1	<0.01	3.6	<0.1	110	<3.0	430	0.01	8.25	67.4	NM	NM
MW-03	Duplicate	7/13/2011	<0.05	<0.1	<0.01	3.6	<0.1	110	<3.0	440	0.01	8.25	67.4	NM	NM
MW-03		10/11/2011	<0.05	<0.1	<0.01	3.5	<0.1	98	<3.0	400	0.00	13.06	49.4	NM	NM
MW-03		1/17/2012	0.87	<0.1	0.013	3.7	<0.1	98	<3.0	420	0.04	10.16	236.8	NM	NM
MW-03		4/3/2012	<0.05	0.15	<0.01	3.8	<0.1	96	<3.0	370	0.08	5.28	97.1	NM	NM
MW-03		7/10/2012	<0.05	0.85	<0.01	3.7	<0.1	100	<3.0	440	NM	7.35	149.4	NM	NM
MW-03		10/23/2012	<0.05	<0.1	0.016	4.0	<0.1	90	<3.0	390	NM	NM	NM	NM	NM
MW-03		1/22/2013	<0.05	0.31	<0.01	3.9	<0.1	93	<3.0	400	0.07	7.43	-400.0	NM	NM
MW-03		4/16/2013	<0.05	0.34	<0.01	4.0	<0.1	96	<3.0	390	0.03	6.59	-22.1	NM	NM
MW-03	Duplicate	4/16/2013	<0.05	0.51	<0.01	4.0	<0.1	96	<3.0	390	0.03	6.59	-22.1	NM	NM
MW-03		7/9/2013	0.11	0.12	0.01	4.1	<0.1	100	<3.0	400	0.01	6.97	270.5	NM	NM
MW-03		10/8/2013	NA	<0.1	<0.01	4.0	<0.1	97	NA	400	0.05	7.08	218.0	<0.64	NM
MW-03		1/16/2014	NA	0.48	<0.01	4.0	<0.1	98	NA	350	0.09	7.34	641.0	<0.64	NM
MW-03		4/22/2014	NA	<0.1	<0.01	3.8	<0.1	97	NA	380	0.61	7.29	98.0	0.64 to 1.28	NM
MW-03		7/15/2014	NA	<0.1	<0.01	3.6	<0.1	100	NA	400	0.58	7.06	124.7	0.64 to 1.28	NM
MW-04		10/25/2012	<0.05	<0.1	<0.01	2.2	<0.1	94	<3.0	380	0.00	2.61	124.3	NM	NM
MW-04		1/28/2013	<0.05	<0.1	<0.01	1.4	<0.1	93	<3.0	390	0.05	0.40	-346.8	NM	NM
MW-04		4/19/2013	0.59	0.58	0.024	3.3	<0.1	96	<3.0	390	0.00	5.20	-40.0	NM	NM
MW-04		7/11/2013	<0.05	<0.1	<0.01	3.3	<0.1	110	<3.0	410	0.09	3.15	206.5	NM	NM
MW-04	Duplicate	7/11/2013	<0.05	<0.1	<0.01	3.3	<0.1	110	<3.0	420	0.09	3.15	206.5	NM	NM
MW-04		10/9/2013	NA	<0.1	<0.01	3.9	<0.1	99	NA	410	0.01	4.97	195.9	<0.64	NM
MW-04	Duplicate	10/9/2013	NA	<0.1	<0.01	3.7	<0.1	97	NA	420	0.01	4.97	195.9	<0.64	NM
MW-04		1/17/2014	NA	<0.1	<0.01	4.2	<0.1	95	NA	390	0.05	5.12	8.3	<0.64	NM
MW-04		4/22/2014	NA	<0.1	<0.01	3.8	<0.1	98	NA	410	0.00	6.35	111.2	<0.64	NM
MW-04		7/15/2014	NA	<0.1	<0.01	3.8	<0.1	100	NA	420	0.00	5.64	131.4	<0.64	NM
MW-04		10/2/2014	NA	<0.1	<0.01	3.8	<0.1	93	NA	400	0.03	4.88	285.7	<0.64	0.2
MW-05		4/15/2010	<0.05	<0.05	<0.01	2.7	<0.25	99	<2.0	410	0.05	4.99	-74.2	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-05		1/14/2011	<0.05	<0.1	<0.01	2.6	<0.1	96	<3.0	440	0.00	3.83	-41.9	NM	NM
MW-05		7/13/2012	0.21	0.14	<0.01	2.0	<0.1	110	<3.0	520	NM	3.85	-173.4	NM	NM
MW-05	Duplicate	7/13/2012	0.12	<0.1	<0.01	2.4	<0.1	100	<3.0	460	NM	3.85	-173.4	NM	NM
MW-05		10/29/2012	<0.05	<0.1	<0.01	3.1	<0.1	97	<3.0	370	NM	4.69	42.9	NM	NM
MW-05		1/28/2013	0.085	0.14	<0.01	2.0	<0.1	100	<3.0	470	0.30	0.48	-318.0	NM	NM
MW-05		4/22/2013	0.22	0.71	<0.01	2.5	0.15	120	<3.0	500	0.05	NM	NM	NM	NM
MW-05	Duplicate	4/22/2013	0.11	0.59	<0.01	3.3	<0.1	110	<3.0	460	0.05	NM	NM	NM	NM
MW-05		7/11/2013	0.24	0.29	<0.01	2.4	0.11	120	<3.0	640	0.10	2.06	53.0	NM	NM
MW-05		10/9/2013	NA	<0.1	<0.01	3.9	<0.1	110	NA	450	0.16	5.81	190.9	0.64 to 1.28	NM
MW-05	Duplicate	10/9/2013	NA	<0.1	<0.01	3.9	<0.1	110	NA	460	0.16	5.81	190.9	0.64 to 1.28	NM
MW-05		1/17/2014	NA	3.3	<0.01	4.1	<0.1	110	NA	420	0.14	7.52	68.9	<0.64	NM
MW-05		4/24/2014	NA	<0.1	<0.01	4.2	<0.1	110	NA	450	0.24	7.03	93.4	<0.64	NM
MW-05	Duplicate	4/24/2014	NA	<0.1	<0.01	4.2	<0.1	110	NA	420	0.24	7.03	93.4	<0.64	NM
MW-05		7/16/2014	NA	<0.1	<0.01	4.3	<0.1	110	NA	460	0.25	6.44	115.5	<0.64	NM
MW-05		10/3/2014	NA	<0.1	<0.01	4.1	<0.1	100	NA	420	0.05	5.25	211.5	<0.64	0.0
MW-06		4/15/2010	<0.05	<0.05	<0.01	2.6	<0.25	92	<2.0	370	0.04	4.26	-91.6	NM	NM
MW-06	Duplicate	4/15/2010	<0.05	<0.05	<0.01	3.0	<0.25	93	<2.0	390	0.04	4.26	-91.6	NM	NM
MW-06		10/20/2010	<0.05	<0.1	<0.01	2.5	<0.1	83	<3.0	410	0.00	5.39	113.2	NM	NM
MW-06		1/14/2011	<0.05	<0.1	<0.01	2.7	<0.1	88	<3.0	410	0.00	5.60	-23.4	NM	NM
MW-06		4/14/2011	<0.05	<0.1	0.014	2.7	<0.1	92	<3.0	410	0.00	4.37	163.4	NM	NM
MW-06		7/15/2011	<0.05	<0.1	0.069	2.6	<0.1	90	<3.0	440	0.00	5.45	45.6	NM	NM
MW-06		10/12/2011	<0.05	0.26	<0.01	2.6	<0.1	92	<3.0	410	0.00	4.74	34.3	NM	NM
MW-06		4/5/2012	<0.05	<0.1	<0.01	2.8	<0.1	95	<3.0	400	0.07	4.27	65.9	NM	NM
MW-06		7/12/2012	<0.05	<0.1	<0.01	2.9	<0.1	97	<3.0	470	NM	8.70	35.1	NM	NM
MW-06		10/29/2012	<0.05	<0.1	<0.01	3.2	<0.1	91	<3.0	390	NM	4.43	26.8	NM	NM
MW-06		1/28/2013	<0.05	<0.1	<0.01	3.3	<0.1	93	<3.0	400	0.00	5.35	-262.5	NM	NM
MW-06		4/19/2013	0.2	8	<0.01	3.5	<0.1	95	<3.0	420	0.10	7.48	-27.0	NM	NM
MW-06		7/11/2013	<0.05	<0.1	<0.01	3.3	<0.1	98	<3.0	500	0.00	6.06	224.8	NM	NM
MW-06	Duplicate	7/11/2013	<0.05	<0.1	<0.01	3.5	<0.1	99	<3.0	440	0.00	6.06	224.8	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-06		10/9/2013	NA	<0.1	<0.01	3.8	<0.1	95	NA	430	0.15	5.75	188.1	0.64 to 1.28	NM
MW-06		1/20/2014	NA	0.83	0.034	4.0	<0.1	92	NA	400	0.06	6.15	-111.0	<0.64	NM
MW-06		4/24/2014	NA	0.34	<0.01	4.1	<0.1	96	NA	420	0.00	7.11	132.5	<0.64	NM
MW-06		7/18/2014	NA	<0.1	<0.01	4.3	<0.1	98	NA	470	0.00	6.18	120.0	<0.64	NM
MW-06		10/7/2014	NA	1.5	0.067	4.4	<0.1	95	NA	500	0.17	3.64	10.5	<0.64	0.0
MW-07		4/25/2005	NA	<0.05	<1.0	2.9	<0.2	120	<2.0	440	0.11	5.32	163.0	NM	NM
MW-07		5/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NM	8.40	134.0	NM	NM
MW-07		6/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.20	7.11	70.0	NM	NM
MW-07		7/25/2005	NA	0.3	<1.0	2.8	<0.2	140	<2.0	450	0.08	5.83	84.0	NM	NM
MW-07		8/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.03	6.26	2.4	NM	NM
MW-07		9/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.12	5.15	119.0	NM	NM
MW-07		10/25/2005	NA	<0.05	<1.0	2.9	<0.2	140	<2.0	440	0.11	6.66	132.0	NM	NM
MW-07		11/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.03	6.19	139.0	NM	NM
MW-07		12/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.03	8.87	89.0	NM	NM
MW-07		1/24/2006	NA	0.15	<1.0	2.7	<0.2	150	<2.0	430	0.00	7.90	102.0	NM	NM
MW-07		2/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	8.38	103.0	NM	NM
MW-07		3/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.53	166.0	NM	NM
MW-07		4/27/2006	NA	<0.05	<1.0	2.6	<0.2	140	<2.0	460	0.01	8.67	66.0	NM	NM
MW-07	Duplicate	4/27/2006	NA	<0.05	NA	2.7	<0.2	140	NA	460	0.01	8.67	66.0	NM	NM
MW-07		5/24/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	8.75	50.0	NM	NM
MW-07		6/28/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	9.96	101.0	NM	NM
MW-07		8/2/2006	NA	<0.05	<1.0	2.6	<0.2	360	<2.0	460	NM	NM	NM	NM	NM
MW-07		8/30/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	11.89	93.0	NM	NM
MW-07		9/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	5.87	38.0	NM	NM
MW-07		10/25/2006	NA	<0.05	<1.0	2.6	<0.2	110	<2.0	380	0.00	6.57	276.0	NM	NM
MW-07		10/25/2006	NA	<0.05	<1.0	2.6	<0.2	110	<2.0	380	0.00	6.57	276.0	NM	NM
MW-07		11/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.25	108.0	NM	NM
MW-07		1/31/2007	NA	<0.05	<1.0	2.6	<0.2	120	<1.0	450	0.00	13.46	46.0	NM	NM
MW-07		4/26/2007	NA	<0.05	<1.0	2.6	<0.2	140	<1.0	460	0.00	7.88	156.0	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-07		7/25/2007	NA	0.2	<1.0	2.6	0.24	140	<1.0	460	0.03	3.60	91.0	NM	NM
MW-07		10/23/2007	<0.05	0.072	<1.0	2.4	0.24	96	5.6	390	0.01	3.07	72.0	NM	NM
MW-07		1/29/2008	<0.01	0.3	<0.5	2.1	<0.1	97	<2.0	410	0.02	4.25	101.5	NM	NM
MW-07		4/23/2008	<0.01	0.05	<0.48	2.2	<0.1	120	2	420	0.06	4.05	7.2	NM	NM
MW-07		7/30/2008	<0.01	1.15	<0.5	2.4	<0.1	160	2	480	0.46	4.19	-5.3	NM	NM
MW-07		10/14/2008	<0.05	<0.1	<0.01	3.2	<0.25	110	<2.0	410	0.00	NM	110.9	NM	NM
MW-07		1/28/2009	<0.05	<0.1	<0.01	3.1	<0.25	120	<2.0	420	0.03	6.07	-102.8	NM	NM
MW-07		4/29/2009	<0.05	<0.1	<0.01	3.1	<0.25	130	<2.0	480	0.04	5.69	-3.1	NM	NM
MW-07		7/22/2009	<0.05	<0.1	<0.01	3.2	<0.25	160	<2.0	540	0.00	7.19	-98.4	NM	NM
MW-07		10/7/2009	<0.05	<0.1	<0.01	3.2	<0.25	160	<2.0	520	0.04	5.68	175.3	NM	NM
MW-07		1/19/2010	<0.05	0.29	<0.01	3.1	<0.25	170	290	550	0.03	6.57	141.0	NM	NM
MW-07		4/13/2010	<0.05	ND	<0.01	3.4	<0.25	140	<2.0	530	0.05	10.62	6.4	NM	NM
MW-07		7/12/2010	<0.05	<0.1	<0.01	2.9	<0.1	94	<3.0	590	0.13	6.21	-8.0	NM	NM
MW-07		10/18/2010	<0.05	<0.1	<0.01	3.1	<0.1	160	<3.0	600	0.00	6.90	25.6	NM	NM
MW-07		1/11/2011	<0.05	<0.1	<0.01	3.1	<0.1	160	<3.0	540	0.25	6.80	-12.0	NM	NM
MW-07	Duplicate	1/11/2011	<0.05	<0.1	<0.01	3.1	<0.1	160	<3.0	540	0.25	6.80	-12.0	NM	NM
MW-07		4/12/2011	0.09	3.4	<0.01	2.8	<0.1	180	<3.0	610	NM	6.46	296.5	NM	NM
MW-07		7/12/2011	<0.05	<0.1	<0.01	3.0	<0.1	180	<3.0	650	0.03	8.58	65.2	NM	NM
MW-07		10/10/2011	<0.05	0.16	<0.01	2.7	<0.1	190	<3.0	620	0.02	6.68	197.5	NM	NM
MW-07		1/17/2012	0.065	<0.1	<0.01	3.0	<0.1	180	<3.0	580	0.01	8.42	36.6	NM	NM
MW-07		4/3/2012	<0.05	<0.1	<0.01	3.0	<0.1	180	<3.0	540	0.06	4.90	96.9	NM	NM
MW-07		7/10/2012	<0.05	7.1	<0.01	2.9	<0.1	190	<3.0	670	NM	6.03	155.4	NM	NM
MW-07		10/23/2012	<0.05	<0.1	0.021	3.1	<0.1	160	<3.0	550	NM	NM	NM	NM	NM
MW-07		1/22/2013	<0.05	0.57	<0.01	3.0	<0.1	170	<3.0	580	0.02	5.89	-99.9	NM	NM
MW-07		4/16/2013	<0.05	0.37	<0.01	3.0	<0.1	180	<3.0	600	0.03	6.33	-5.3	NM	NM
MW-07		7/8/2013	<0.05	0.13	<0.01	3.1	<0.1	190	<3.0	630	0.04	6.53	235.7	NM	NM
MW-07		10/7/2013	NA	0.14	<0.01	3.1	<0.1	190	NA	630	0.03	6.59	205.8	0.64 to 1.28	NM
MW-07		1/14/2014	NA	<0.1	<0.01	3.1	<0.1	200	NA	620	0.00	6.78	156.7	<0.64	NM
MW-07		4/22/2014	NA	<0.1	<0.01	3.1	<0.1	200	NA	660	0.00	6.78	111.9	<0.64	NM

Table 8
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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-07		7/15/2014	NA	<0.1	<0.01	3.1	<0.1	210	NA	670	0.00	6.30	134.0	<0.64	NM
MW-08		1/28/2009	<0.05	0.48	<0.01	3.0	<0.25	74	<2.0	310	0.00	9.96	-67.0	NM	NM
MW-08		4/29/2009	<0.05	<0.1	<0.01	3.1	<0.25	73	<2.0	330	0.12	6.97	-2.0	NM	NM
MW-08		7/22/2009	<0.05	<0.1	<0.01	3.2	<0.25	78	<2.0	340	0.00	7.70	-83.3	NM	NM
MW-08		1/19/2012	<0.05	<0.1	<0.01	3.7	<0.1	81	<3.0	370	0.02	8.97	12.0	NM	NM
MW-08		4/4/2012	<0.05	<0.1	<0.01	3.8	<0.1	80	<3.0	370	0.02	7.22	74.2	NM	NM
MW-08		7/10/2012	<0.05	0.68	<0.01	3.8	<0.1	80	<3.0	410	NM	7.59	94.0	NM	NM
MW-08		10/24/2012	<0.05	<0.1	<0.01	4.0	<0.1	75	<3.0	340	0.00	4.57	110.2	NM	NM
MW-08	Duplicate	10/24/2012	<0.05	<0.1	<0.01	4.0	<0.1	74	<3.0	330	0.00	4.57	110.2	NM	NM
MW-08		1/23/2013	<0.05	<0.1	<0.01	4.0	<0.1	74	<3.0	380	0.08	6.50	-367.0	NM	NM
MW-08		4/17/2013	<0.05	0.2	<0.01	4.2	<0.1	78	<3.0	370	0.00	9.25	-27.9	NM	NM
MW-08		7/9/2013	<0.05	<0.1	<0.01	4.4	<0.1	79	<3.0	350	0.00	6.64	237.7	NM	NM
MW-08		10/8/2013	NA	<0.1	<0.01	4.4	<0.1	79	NA	370	0.04	6.66	198.7	0.64 to 1.28	NM
MW-08		1/16/2014	NA	<0.1	<0.01	4.4	<0.1	80	NA	280	0.27	7.12	131.1	<0.64	NM
MW-08	Duplicate	1/16/2014	NA	<0.1	<0.01	4.5	<0.1	80	NA	370	0.27	7.12	131.1	<0.64	NM
MW-08		4/22/2014	NA	<0.1	<0.01	4.4	<0.1	79	NA	370	0.00	7.31	91.5	0.64 to 1.28	NM
MW-08		7/16/2014	NA	<0.1	<0.01	4.5	<0.1	82	NA	510	0.00	6.76	123.2	0.64 to 1.28	NM
MW-09		4/24/2008	<0.01	<0.02	<0.48	2.3	<0.1	95	2	350	0.07	6.77	13.6	NM	NM
MW-09		1/28/2009	<0.05	<0.1	<0.01	2.5	<0.25	94	<2.0	380	0.00	8.08	-105.8	NM	NM
MW-09	Duplicate	1/28/2009	<0.05	<0.1	<0.01	2.5	<0.25	93	<2.0	370	0.00	8.08	-105.8	NM	NM
MW-09		4/15/2010	<0.05	<0.05	<0.01	3.0	<0.25	86	<2.0	420	0.00	6.88	-43.8	NM	NM
MW-09		4/13/2011	<0.05	<0.1	<0.01	2.4	<0.1	80	<3.0	400	0.00	5.63	212.5	NM	NM
MW-09		7/14/2011	<0.05	<0.1	<0.01	3.3	<0.1	84	<3.0	430	0.00	6.74	75.6	NM	NM
MW-09		10/12/2011	<0.05	<0.1	<0.01	3.3	<0.1	83	<3.0	370	0.03	6.52	26.9	NM	NM
MW-09		1/17/2012	<0.05	<0.1	<0.01	3.0	<0.1	81	<3.0	370	0.00	9.57	70.2	NM	NM
MW-09		4/4/2012	<0.05	<0.1	<0.01	3.7	<0.1	87	<3.0	370	0.00	5.98	94.7	NM	NM
MW-09		7/11/2012	<0.05	0.21	<0.01	4.0	<0.1	80	<3.0	420	NM	10.36	113.6	NM	NM
MW-09		10/25/2012	<0.05	<0.1	<0.01	3.8	<0.1	78	<3.0	380	0.00	5.24	55.2	NM	NM
MW-09		1/24/2013	0.11	2.1	<0.01	3.5	<0.1	72	<3.0	380	0.01	4.49	-351.2	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-09		4/18/2013	0.1	0.36	<0.01	4.2	<0.1	73	<3.0	360	0.04	7.87	-51.0	NM	NM
MW-09		7/10/2013	0.051	<0.1	<0.01	4.6	<0.1	77	<3.0	380	0.00	6.54	234.8	NM	NM
MW-09		10/8/2013	NA	<0.1	<0.01	4.6	<0.1	76	NA	370	0.04	6.80	217.8	<0.64	NM
MW-09		1/14/2014	NA	<0.1	<0.01	4.7	<0.1	77	NA	360	0.00	7.10	149.6	<0.64	NM
MW-09		4/22/2014	NA	<0.1	<0.01	4.5	<0.1	75	NA	370	0.00	7.49	113.5	<0.64	NM
MW-09		7/15/2014	NA	<0.1	<0.01	4.7	<0.1	78	NA	380	0.00	6.91	129.9	<0.64	NM
MW-09	Duplicate	7/15/2014	NA	<0.1	<0.01	4.6	<0.1	78	NA	380	0.00	6.91	129.9	<0.64	NM
MW-10		1/19/2012	<0.05	<0.1	<0.01	3.4	<0.1	86	<3.0	380	0.00	8.97	57.3	NM	NM
MW-10		4/3/2012	<0.05	<0.1	<0.01	3.4	<0.1	85	<3.0	350	0.02	6.23	96.6	NM	NM
MW-10		7/10/2012	2.4	33	<0.01	3.5	<0.1	87	<3.0	440	NM	NM	NM	NM	NM
MW-10		10/24/2012	<0.05	<0.1	<0.01	3.7	<0.1	80	<3.0	390	0.00	5.38	35.2	NM	NM
MW-10		1/23/2013	<0.05	<0.1	<0.01	3.8	<0.1	78	<3.0	370	0.02	5.00	-379.8	NM	NM
MW-10		4/17/2013	<0.05	0.23	<0.01	4.1	<0.1	82	<3.0	400	0.04	9.33	-31.2	NM	NM
MW-10		7/10/2013	0.074	<0.1	<0.01	4.5	<0.1	85	<3.0	380	0.00	6.92	235.5	NM	NM
MW-10		10/8/2013	NA	<0.1	<0.01	4.5	<0.1	83	NA	390	0.04	6.77	210.6	<0.64	NM
MW-10		1/14/2014	NA	<0.1	<0.01	4.7	<0.1	110	NA	380	0.00	7.18	151.0	<0.64	NM
MW-10		4/22/2014	NA	<0.1	<0.01	4.6	<0.1	86	NA	390	0.00	7.60	110.8	<0.64	NM
MW-10		7/16/2014	NA	<0.1	<0.01	4.7	<0.1	89	NA	420	0.00	6.73	120.3	<0.64	NM
MW-11		4/25/2005	NA	<0.05	<1.0	3.2	<0.2	91	<2.0	380	0.03	5.27	164.0	NM	NM
MW-11		5/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.80	121.0	NM	NM
MW-11		6/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.08	6.67	74.0	NM	NM
MW-11		7/25/2005	NA	0.47	<1.0	3.1	<0.2	88	<2.0	410	0.08	5.26	74.0	NM	NM
MW-11		8/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.04	6.34	257.0	NM	NM
MW-11		9/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.11	4.22	107.0	NM	NM
MW-11		10/24/2005	NA	<0.05	<2.0	3.2	<0.2	92	<2.0	360	0.04	6.25	144.0	NM	NM
MW-11		11/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.03	5.94	177.0	NM	NM
MW-11		12/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.05	8.96	118.0	NM	NM
MW-11		1/23/2006	NA	<0.05	<2.0	3.1	<0.2	86	<2.0	360	0.03	7.72	183.0	NM	NM
MW-11		3/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.47	146.0	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-11		4/25/2006	NA	0.17	<2.0	3.2	<0.2	86	<2.0	360	0.03	6.89	189.0	NM	NM
MW-11		5/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.88	108.0	NM	NM
MW-11		6/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	10.07	129.0	NM	NM
MW-11		8/1/2006	NA	NA	<1.0	3.6	<0.2	99	<2.0	370	NM	NM	NM	NM	NM
MW-11		8/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	13.82	111.0	NM	NM
MW-11		9/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	6.27	67.0	NM	NM
MW-11		10/24/2006	NA	<0.05	<1.0	3.1	<0.2	93	<2.0	390	0.00	6.12	259.0	NM	NM
MW-11		10/24/2006	NA	<0.05	<1.0	3.1	<0.2	93	<2.0	390	0.00	6.12	259.0	NM	NM
MW-11		11/20/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.20	153.0	NM	NM
MW-11		12/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	8.02	183.0	NM	NM
MW-11		1/29/2007	NA	0.8	<1.0	3.1	<0.2	75	<1.0	380	0.00	19.99	63.0	NM	NM
MW-11		4/24/2007	NA	0.62	<1.0	3.1	<0.2	78	<1.0	370	0.00	NM	NM	NM	NM
MW-11		7/23/2007	NA	NA	NA	NA	NA	NA	NA	NA	0.02	3.00	86.0	NM	NM
MW-11		7/24/2007	NA	0.091	<1.0	3.1	<0.2	76	<1.0	370	NM	NM	NM	NM	NM
MW-11		10/22/2007	NA	<0.05	<1.0	3.2	<0.2	74	7.2	330	0.00	6.29	88.0	NM	NM
MW-11		1/28/2008	<0.05	0.03	<0.5	2.8	<0.1	69	<2.0	330	NM	5.76	94.0	NM	NM
MW-11		4/22/2008	<0.01	0.02	<0.48	3.0	<0.1	69	2	300	0.00	8.39	10.7	NM	NM
MW-11		7/28/2008	0.05	0.89	<0.5	2.8	<0.1	70	2	320	NM	NM	NM	NM	NM
MW-11		10/13/2008	<0.05	<0.1	<0.01	3.6	<0.25	120	<2.0	400	0.00	NM	119.8	NM	NM
MW-11		1/26/2009	<0.05	0.14	<0.01	4.2	<0.25	70	<2.0	340	NM	5.92	-104.0	NM	NM
MW-11		4/27/2009	<0.05	0.45	<0.01	4.0	<0.25	65	<2.0	NA	0.04	5.34	-2.3	NM	NM
MW-11		7/20/2009	<0.05	<0.1	<0.01	4.1	<0.25	65	<2.0	330	0.40	7.61	-70.0	NM	NM
MW-11		10/6/2009	<0.05	0.09	<0.01	4.5	<0.25	58	<2.0	320	0.22	NM	NM	NM	NM
MW-11		1/19/2010	<0.05	0.35	<0.01	4.6	<0.25	63	350	360	0.07	6.51	87.4	NM	NM
MW-11		4/12/2010	<0.05	<0.05	<0.01	4.9	<0.25	64	<2.0	310	0.10	10.22	22.3	NM	NM
MW-11		7/12/2010	0.094	0.28	2.9	4.4	400	62	<3.0	400	0.12	7.10	-2.9	NM	NM
MW-11		10/18/2010	<0.05	<0.1	<0.01	4.3	<0.1	60	<3.0	400	0.00	6.38	26.0	NM	NM
MW-11		1/11/2011	<0.05	0.18	<0.01	4.1	<0.1	62	<3.0	350	0.03	7.28	12.8	NM	NM
MW-11		4/11/2011	<0.05	2.8	<0.01	4.1	<0.1	62	<3.0	350	0.27	6.24	136.7	NM	NM

Table 8
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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-11		7/12/2011	<0.05	0.71	<0.01	4.2	<0.1	58	<3.0	380	0.16	5.70	110.0	NM	NM
MW-11		10/10/2011	<0.05	<0.1	<0.01	4.1	<0.1	57	<3.0	350	0.00	7.10	284.3	NM	NM
MW-11		1/16/2012	<0.05	<0.1	<0.01	3.9	<0.1	56	<3.0	360	0.00	5.84	130.0	NM	NM
MW-11		4/2/2012	0.063	<0.1	<0.01	3.7	<0.1	55	<3.0	300	0.04	5.12	104.3	NM	NM
MW-11		7/9/2012	<0.05	3.7	<0.01	3.7	<0.1	55	<3.0	430	NM	7.26	145.1	NM	NM
MW-11		10/22/2012	<0.05	<0.1	<0.01	3.2	0.32	50	<3.0	320	NM	NM	NM	NM	NM
MW-11		1/21/2013	0.073	0.35	<0.01	3.1	<0.1	48	<3.0	330	0.05	5.43	-420.0	NM	NM
MW-11		4/15/2013	0.066	1.3	<0.01	3.1	<0.1	50	<3.0	330	0.05	4.67	-43.6	NM	NM
MW-11		7/8/2013	<0.05	0.26	<0.01	2.9	<0.1	48	<3.0	320	0.09	6.74	241.6	NM	NM
MW-11		10/7/2013	NA	<0.1	<0.01	3.0	<0.1	49	NA	320	0.05	7.00	200.4	<0.64	NM
MW-11		1/13/2014	NA	0.1	<0.01	2.9	<0.1	51	NA	310	0.00	7.02	127.7	<0.64	NM
MW-11		4/21/2014	NA	<0.1	<0.01	2.8	<0.1	49	NA	310	0.00	7.21	136.1	0.64 to 1.28	NM
MW-11		7/14/2014	NA	<0.1	<0.01	2.8	<0.1	50	NA	320	0.00	6.68	130.0	0.64 to 1.28	NM
MW-12		4/26/2005	NA	<0.05	<1.0	3.2	0.46	490	<2.0	1100	0.02	6.04	123.0	NM	NM
MW-12		5/25/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.02	3.48	157.0	NM	NM
MW-12		6/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.01	5.65	103.0	NM	NM
MW-12		7/25/2005	NA	0.12	<1.0	3.4	<0.2	550	<2.0	1200	0.07	4.32	97.0	NM	NM
MW-12		8/30/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.13	4.39	204.0	NM	NM
MW-12		9/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.13	0.72	24.0	NM	NM
MW-12		10/25/2005	NA	0.12	1	2.4	0.39	420	<2.0	870	0.02	1.79	103.0	NM	NM
MW-12		11/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.03	5.61	135.0	NM	NM
MW-12		12/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.04	6.68	116.0	NM	NM
MW-12		1/24/2006	NA	0.12	<1.0	2.9	<0.2	570	<2.0	1100	0.00	3.21	213.0	NM	NM
MW-12		3/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	2.73	140.0	NM	NM
MW-12		4/26/2006	NA	<0.05	<1.0	3.0	<0.2	570	<2.0	1200	0.01	2.12	142.0	NM	NM
MW-12		5/24/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	2.18	101.0	NM	NM
MW-12		6/28/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	4.00	148.0	NM	NM
MW-12		8/2/2006	NA	<0.05	<1.0	2.5	0.35	650	<2.0	1200	NM	NM	NM	NM	NM
MW-12		8/30/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	3.31	103.0	NM	NM

Table 8
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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-12		9/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	0.00	-58.0	NM	NM
MW-12		10/25/2006	NA	<0.05	<1.0	1.7	0.42	400	<2.0	860	0.04	0.00	37.0	NM	NM
MW-12		10/25/2006	NA	<0.05	<1.0	1.7	0.42	400	<2.0	860	0.04	0.00	37.0	NM	NM
MW-12		11/20/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	1.55	-42.0	NM	NM
MW-12		12/28/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.47	130.0	NM	NM
MW-12		1/30/2007	NA	1.5	<1.0	1.3	0.44	430	<1.0	950	0.00	9.91	-140.0	NM	NM
MW-12		4/25/2007	NA	<0.05	<1.0	1.2	0.45	450	<1.0	980	0.06	0.25	113.0	NM	NM
MW-12		7/25/2007	NA	<0.05	<1.0	1.0	0.31	490	<1.0	990	0.08	1.53	98.0	NM	NM
MW-12		10/23/2007	0.054	0.14	1.4	0.4	0.28	330	5.6	750	0.05	0.01	-113.0	NM	NM
MW-12		1/29/2008	<0.01	0.13	0.64	<1.0	<0.1	350	<2.0	810	NM	2.00	-52.6	NM	NM
MW-12		4/22/2008	<0.01	0.19	0.62	<1.0	<0.1	360	2	840	0.23	0.24	-109.4	NM	NM
MW-12		7/31/2008	0.02	0.27	0.91	<1.0	<0.1	440	<2.0	890	0.08	0.80	-145.1	NM	NM
MW-12		10/13/2008	<0.05	<0.1	<0.01	2.0	<0.25	200	<2.0	620	0.00	NM	129.5	NM	NM
MW-12	Duplicate	10/13/2008	<0.05	<0.1	<0.01	2.1	<0.27	200	<2.0	610	0.00	NM	129.5	NM	NM
MW-12		1/27/2009	<0.05	0.12	<0.01	<0.25	<0.25	180	<2.0	540	0.00	0.30	-109.0	NM	NM
MW-12		4/28/2009	<0.05	0.28	<0.01	<0.25	<0.25	240	<2.0	590	0.15	0.86	-23.1	NM	NM
MW-12		7/20/2009	0.14	0.13	<0.01	<0.25	<0.25	240	<2.0	660	0.20	0.64	-79.9	NM	NM
MW-12		10/6/2009	0.12	0.18	<0.01	<0.25	<0.25	220	<2.0	630	0.16	NM	NM	NM	NM
MW-12		1/19/2010	0.074	0.18	<0.01	<0.25	<0.25	220	<2.0	640	0.12	0.31	-210.0	NM	NM
MW-12		4/13/2010	0.095	0.11	<0.01	<0.25	<0.25	210	<2.0	650	0.00	0.66	-127.0	NM	NM
MW-12		7/13/2010	0.24	0.16	<0.01	<0.1	<0.1	220	<3.0	670	0.04	5.16	49.7	NM	NM
MW-12		10/19/2010	0.062	<0.1	<0.01	<0.1	<0.1	200	<3.0	660	0.01	0.23	-142.2	NM	NM
MW-12	Duplicate	10/19/2010	<0.05	<0.1	<0.01	<0.1	<0.1	210	<3.0	640	0.01	0.23	-142.2	NM	NM
MW-12		1/11/2011	0.1	<0.1	<0.01	0.1	<0.1	200	<3.0	630	0.23	0.65	-119.9	NM	NM
MW-12		4/11/2011	<0.05	0.1	<0.01	0.6	<0.1	180	<3.0	610	0.00	2.72	251.5	NM	NM
MW-12		7/13/2011	<0.05	<0.1	<0.01	1.1	<0.1	200	<3.0	650	0.03	1.27	55.3	NM	NM
MW-12		10/10/2011	<0.05	<0.1	<0.01	1.6	<0.1	180	<3.0	610	0.00	1.18	172.0	NM	NM
MW-12		1/16/2012	<0.05	<0.1	<0.01	1.9	<0.1	160	<3.0	570	0.07	2.69	128.5	NM	NM
MW-12	Duplicate	1/16/2012	<0.05	<0.1	<0.01	2.0	<0.1	160	<3.0	580	0.07	2.69	128.5	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-12		4/4/2012	<0.05	<0.1	<0.01	1.9	<0.1	160	<3.0	550	0.04	0.83	78.4	NM	NM
MW-12		7/11/2012	<0.05	0.11	<0.01	2.1	<0.1	140	<3.0	560	NM	6.33	118.5	NM	NM
MW-12		10/23/2012	<0.05	<0.1	<0.01	2.4	<0.1	130	<3.0	510	0.00	2.56	31.1	NM	NM
MW-12		1/23/2013	<0.05	<0.1	<0.01	2.5	<0.1	120	<3.0	480	0.02	2.76	-433.2	NM	NM
MW-12		4/17/2013	<0.05	<0.1	<0.01	2.7	<0.1	120	<3.0	510	0.00	5.13	-18.8	NM	NM
MW-12		7/10/2013	<0.05	<0.1	<0.01	2.8	<0.1	130	<3.0	490	0.00	4.36	249.4	NM	NM
MW-12		10/8/2013	NA	<0.1	<0.01	2.7	<0.1	62	NA	480	0.10	4.79	194.2	<0.64	NM
MW-12		1/13/2014	NA	<0.1	<0.01	2.8	<0.1	120	NA	450	0.21	5.38	132.5	<0.64	NM
MW-12		4/21/2014	NA	<0.1	<0.01	3.0	<0.1	120	NA	470	0.00	5.62	119.3	<0.64	NM
MW-12		7/14/2014	NA	<0.1	<0.01	3.0	<0.1	120	NA	460	0.00	5.25	123.7	<0.64	NM
MW-13		4/26/2005	NA	<0.05	<1.0	3.7	<0.2	190	<2.0	530	0.00	6.69	153.0	NM	NM
MW-13		5/24/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.06	6.47	136.0	NM	NM
MW-13		6/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.02	6.08	101.0	NM	NM
MW-13		7/26/2005	NA	0.52	<1.0	3.6	<0.2	180	<2.0	570	0.02	5.56	91.0	NM	NM
MW-13		8/30/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.11	5.45	224.0	NM	NM
MW-13		9/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.10	1.52	110.0	NM	NM
MW-13		10/26/2005	NA	<0.05	<1.0	3.4	<0.2	240	<2.0	630	0.05	4.46	136.0	NM	NM
MW-13		11/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.02	7.06	165.0	NM	NM
MW-13		12/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.02	8.02	129.0	NM	NM
MW-13		12/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.02	8.02	129.0	NM	NM
MW-13		1/24/2006	NA	<0.05	<1.0	3.5	<0.2	180	<2.0	520	0.00	7.51	169.0	NM	NM
MW-13		2/22/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.64	109.0	NM	NM
MW-13		1/27/2009	<0.05	<0.1	<0.01	2.9	<0.25	110	<2.0	380	0.06	5.40	-105.2	NM	NM
MW-13		4/27/2009	NA	NA	NA	NA	NA	NA	NA	NA	0.00	4.80	0.9	NM	NM
MW-13		4/28/2009	<0.05	<0.1	<0.01	3.0	<0.25	95	<2.0	400	NM	NM	NM	NM	NM
MW-13		10/7/2009	<0.05	<0.1	<0.01	2.9	<0.25	100	<2.0	380	0.00	4.27	137.0	NM	NM
MW-13	Duplicate	10/7/2009	<0.05	<0.1	<0.01	2.9	<0.25	100	<2.0	390	0.00	4.27	137.0	NM	NM
MW-13		1/20/2010	<0.05	<0.1	<0.01	3.0	<0.25	96	<2.0	410	0.00	4.88	40.1	NM	NM
MW-13		4/12/2010	<0.05	<0.05	<0.01	3.2	<0.25	98	<2.0	330	0.00	7.92	37.2	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-13		10/18/2010	<0.05	<0.1	<0.01	3.0	<0.1	96	<3.0	440	0.09	5.64	16.2	NM	NM
MW-13		1/12/2011	<0.05	<0.1	<0.01	3.1	<0.1	91	<3.0	300	0.01	6.66	-11.9	NM	NM
MW-13		4/13/2011	<0.05	0.13	<0.01	2.4	<0.1	98	<3.0	410	0.00	4.41	256.1	NM	NM
MW-13	Duplicate	4/13/2011	<0.05	0.25	<0.01	2.5	<0.1	90	<3.0	400	0.00	4.41	256.1	NM	NM
MW-13		7/14/2011	<0.05	<0.1	<0.01	3.2	<0.1	92	<3.0	430	0.00	6.70	81.0	NM	NM
MW-13		10/12/2011	<0.05	0.29	<0.01	3.4	<0.1	89	<3.0	380	0.04	7.53	21.2	NM	NM
MW-13		1/17/2012	<0.05	<0.1	<0.01	3.6	<0.1	87	<3.0	400	0.00	11.57	73.8	NM	NM
MW-13		4/3/2012	<0.05	<0.1	<0.01	3.9	<0.1	85	<3.0	360	0.03	6.08	99.7	NM	NM
MW-13		7/11/2012	<0.05	0.49	<0.01	4.2	<0.1	83	<3.0	450	NM	9.06	106.5	NM	NM
MW-13		10/24/2012	<0.05	<0.1	<0.01	3.9	<0.1	74	<3.0	350	0.00	5.18	35.6	NM	NM
MW-13		1/24/2013	<0.05	0.2	<0.01	4.1	<0.1	74	<3.0	380	0.01	6.21	-374.8	NM	NM
MW-13		4/17/2013	<0.05	3	<0.01	4.6	<0.1	78	<3.0	410	NM	NM	NM	NM	NM
MW-13		7/10/2013	<0.05	<0.1	<0.01	4.7	<0.1	78	<3.0	380	0.00	6.58	243.8	NM	NM
MW-13		10/8/2013	NA	<0.1	<0.01	4.3	<0.1	77	NA	390	0.05	6.64	194.4	<0.64	NM
MW-13		1/16/2014	NA	<0.1	<0.01	4.3	<0.1	77	NA	380	0.05	7.24	128.3	<0.64	NM
MW-13		4/21/2014	NA	<0.1	<0.01	4.0	<0.1	77	NA	380	0.00	7.18	127.4	0.64 to 1.28	NM
MW-13		7/14/2014	NA	<0.1	<0.01	3.8	<0.1	76	NA	380	0.00	6.68	125.7	0.64 to 1.28	NM
MW-13		10/1/2014	NA	0.48	<0.01	3.4	<0.1	80	NA	350	0.08	4.58	134.5	<0.64	0.1
MW-14		4/27/2005	NA	<0.05	<1.0	5.7	<0.2	640	<2.0	1500	0.09	6.73	47.0	NM	NM
MW-14		5/25/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.06	7.02	106.0	NM	NM
MW-14		6/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.06	8.90	78.0	NM	NM
MW-14		7/26/2005	NA	0.34	<1.0	5.3	<0.2	600	<2.0	1400	0.23	5.76	93.0	NM	NM
MW-14		8/30/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.13	5.76	217.0	NM	NM
MW-14		9/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.46	3.54	37.0	NM	NM
MW-14		10/25/2005	NA	0.069	<1.0	5.2	0.44	670	<2.0	1500	0.27	3.91	57.0	NM	NM
MW-14		11/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.21	5.53	142.0	NM	NM
MW-14		12/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.16	8.52	123.0	NM	NM
MW-14		1/24/2006	NA	<0.05	<1.0	4.9	<0.2	680	<2.0	1400	0.08	7.28	181.0	NM	NM
MW-14		3/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.25	135.0	NM	NM

Table 8
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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-14		4/26/2006	NA	<0.05	<1.0	4.6	<0.2	590	<2.0	1300	0.02	8.58	159.0	NM	NM
MW-14		5/24/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	8.44	109.0	NM	NM
MW-14		6/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	6.83	135.0	NM	NM
MW-14		8/3/2006	NA	<0.05	<1.0	4.3	<0.2	550	<2.0	1100	NM	NM	NM	NM	NM
MW-14		8/31/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	9.59	132.0	NM	NM
MW-14		9/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	2.75	-33.0	NM	NM
MW-14		10/25/2006	NA	0.052	<1.0	4.1	0.4	690	<2.0	1600	0.07	2.05	108.0	NM	NM
MW-14		10/25/2006	NA	0.052	<1.0	4.1	0.4	690	<2.0	1600	0.07	2.05	108.0	NM	NM
MW-14		11/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	3.32	133.0	NM	NM
MW-14		1/31/2007	NA	<0.05	<1.0	4.0	<0.2	560	<1.0	1600	0.00	15.93	47.0	NM	NM
MW-14		4/25/2007	NA	<0.05	<1.0	3.8	<0.2	450	<1.0	1000	0.21	7.72	118.0	NM	NM
MW-14		7/24/2007	NA	<0.05	<1.0	3.7	<0.2	400	<1.0	960	0.05	6.44	94.0	NM	NM
MW-14	Duplicate	7/24/2007	NA	<0.05	<1.0	3.7	<0.2	410	<1.0	940	0.05	6.44	94.0	NM	NM
MW-14		10/23/2007	NA	0.058	<1.0	3.0	0.83	780	<1.0	1600	0.04	1.23	7.0	NM	NM
MW-14		1/30/2008	<0.01	0.02	<0.5	3.3	<0.1	450	<2.0	1100	0.00	4.75	109.5	NM	NM
MW-14		4/23/2008	<0.01	<0.02	<0.48	3.1	<0.1	400	2	880	0.00	6.40	20.8	NM	NM
MW-14		7/29/2008	<0.01	4.06	<0.5	3.0	<0.1	350	2	770	0.07	4.81	32.7	NM	NM
MW-14		10/14/2008	<0.05	<0.1	<0.01	3.0	0.69	800	<2.0	1500	0.00	NM	138.1	NM	NM
MW-14		1/27/2009	<0.05	<0.1	<0.01	3.6	<0.25	510	<2.0	1000	0.01	4.70	-101.1	NM	NM
MW-14		4/28/2009	<0.05	<0.1	<0.01	3.6	<0.25	350	<2.0	800	0.01	5.40	0.3	NM	NM
MW-14	Duplicate	4/28/2009	<0.05	<0.1	<0.01	3.6	<0.25	340	<2.0	790	0.01	5.40	0.3	NM	NM
MW-14		7/20/2009	<0.05	<0.1	<0.01	3.4	<0.25	330	<2.0	770	0.02	3.81	-86.1	NM	NM
MW-14		10/6/2009	<0.05	0.067	<0.01	3.3	<0.25	280	<2.0	690	0.03	NM	NM	NM	NM
MW-14		1/19/2010	<0.05	<0.1	<0.01	3.1	<0.25	320	<100	760	0.06	4.50	43.8	NM	NM
MW-14		4/13/2010	<0.05	0.087	<0.01	3.2	<0.25	330	<2.0	800	0.00	7.64	-25.6	NM	NM
MW-14		7/13/2010	0.14	<0.1	<0.01	3.0	<0.1	280	<3.0	730	0.12	0.33	-155.3	NM	NM
MW-14		10/20/2010	<0.05	<0.1	<0.01	1.5	<0.1	440	<3.0	1000	0.00	2.29	62.0	NM	NM
MW-14		1/12/2011	<0.05	<0.1	<0.01	2.0	<0.1	450	<3.0	970	0.03	3.17	21.5	NM	NM
MW-14		4/11/2011	<0.05	<0.1	<0.01	3.0	<0.1	230	<3.0	630	0.01	4.48	278.4	NM	NM

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Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-14	Duplicate	4/11/2011	<0.05	0.15	<0.01	2.9	<0.1	230	<3.0	640	0.01	4.48	278.4	NM	NM
MW-14		7/13/2011	<0.05	<0.1	<0.01	2.4	<0.1	320	<3.0	840	0.03	3.62	51.8	NM	NM
MW-14		10/11/2011	<0.05	<0.1	<0.01	2.6	<0.1	210	<3.0	560	0.00	5.84	60.3	NM	NM
MW-14		1/19/2012	<0.05	<0.1	<0.01	2.0	<0.1	330	<3.0	780	0.00	8.07	54.0	NM	NM
MW-14		4/5/2012	<0.05	<0.1	<0.01	2.0	<0.1	330	<3.0	790	0.00	2.34	89.2	NM	NM
MW-14		7/11/2012	<0.05	0.76	<0.01	2.5	<0.1	260	<3.0	730	NM	6.62	98.4	NM	NM
MW-14		10/25/2012	<0.05	<0.1	<0.01	1.7	<0.1	360	<3.0	870	0.00	1.57	2.5	NM	NM
MW-14		1/25/2013	<0.05	0.19	<0.01	2.2	<0.1	310	<3.0	770	0.04	2.08	-440.3	NM	NM
MW-14		4/18/2013	0.12	0.67	<0.01	2.4	<0.1	240	<3.0	660	0.12	3.95	-29.0	NM	NM
MW-14		7/12/2013	<0.05	<0.1	<0.01	2.1	<0.1	230	<3.0	620	0.03	2.85	259.6	NM	NM
MW-14		10/9/2013	NA	<0.1	<0.01	2.3	<0.1	250	NA	680	0.01	2.38	209.2	<0.64	NM
MW-14		1/13/2014	NA	0.11	<0.01	2.6	<0.1	220	NA	620	0.08	3.19	133.5	<0.64	NM
MW-14		4/21/2014	NA	<0.1	<0.01	2.6	<0.1	220	NA	620	0.08	3.52	108.8	<0.64	NM
MW-14		7/18/2014	NA	<0.1	<0.01	2.7	<0.1	200	NA	660	0.06	3.70	121.2	<0.64	NM
MW-14		10/1/2014	NA	<0.1	<0.01	2.3	<0.1	140	NA	490	0.10	9.40	161.1	<0.64	0.3
MW-15		4/26/2005	NA	<0.05	<0.01	2.8	<0.2	95	<2.0	370	0.00	6.90	184.0	NM	NM
MW-15		5/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.59	116.0	NM	NM
MW-15		6/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.14	7.20	95.0	NM	NM
MW-15		7/25/2005	NA	0.46	<1.0	2.7	<0.2	87	<2.0	400	0.04	5.73	104.0	NM	NM
MW-15		8/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.07	5.92	248.0	NM	NM
MW-15		9/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.05	4.56	120.0	NM	NM
MW-15		10/24/2005	NA	0.072	<1.0	2.7	<0.2	91	<2.0	350	0.03	9.08	156.0	NM	NM
MW-15		11/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.10	7.30	154.0	NM	NM
MW-15		12/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.04	10.13	125.0	NM	NM
MW-15		1/23/2006	NA	<0.05	<1.0	2.8	<0.2	82	<2.0	360	0.01	7.84	119.0	NM	NM
MW-15		3/28/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	8.23	138.0	NM	NM
MW-15		4/25/2006	NA	<0.05	<1.0	2.8	<0.2	79	<2.0	340	0.00	8.85	195.0	NM	NM
MW-15		5/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	9.38	139.0	NM	NM
MW-15		6/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	9.85	136.0	NM	NM

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Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-15		8/1/2006	NA	NA	<1.0	3.1	<0.2	86	<2.0	340	NM	NM	NM	NM	NM
MW-15		8/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	13.96	119.0	NM	NM
MW-15		9/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	6.23	107.0	NM	NM
MW-15		10/24/2006	NA	0.16	<1.0	2.7	<0.2	79	<2.0	380	NM	6.04	150.0	NM	NM
MW-15		10/24/2006	NA	0.16	<1.0	2.7	<0.2	79	<2.0	380	NM	6.04	150.0	NM	NM
MW-15		11/20/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	6.85	177.0	NM	NM
MW-15		12/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.63	168.0	NM	NM
MW-15		1/29/2007	NA	0.56	1.6	2.8	<0.2	73	<1.0	370	0.00	15.16	108.0	NM	NM
MW-15		4/24/2007	NA	<0.05	<1.0	2.8	<0.2	73	<1.0	360	0.00	NM	NM	NM	NM
MW-15		7/24/2007	NA	0.15	<1.0	3.1	<0.2	79	<1.0	360	0.00	6.10	75.0	NM	NM
MW-15		10/22/2007	NA	0.15	<1.0	2.9	<0.2	77	<1.0	330	0.10	6.57	96.0	NM	NM
MW-15		1/28/2008	<0.5	0.07	<0.5	2.7	<0.1	80	2	330	NM	6.08	93.5	NM	NM
MW-15		4/22/2008	<0.01	0.21	<0.48	2.9	<0.1	76	2	340	0.02	8.32	11.6	NM	NM
MW-15		7/28/2008	0.02	0.32	<0.5	2.7	<0.1	78	<2.0	330	NM	NM	NM	NM	NM
MW-15		10/13/2008	<0.05	0.12	<0.01	3.5	<0.25	96	<2.0	400	0.00	NM	146.8	NM	NM
MW-15		1/26/2009	<0.05	<0.1	<0.01	3.7	<0.25	84	<2.0	310	NM	6.48	-93.0	NM	NM
MW-15		4/27/2009	<0.05	0.66	<0.01	3.9	<0.25	79	<2.0	NA	0.09	6.01	-1.3	NM	NM
MW-15		7/21/2009	<0.05	<0.1	<0.01	4.0	<0.25	77	<2.0	350	0.00	8.26	-65.0	NM	NM
MW-15		10/6/2009	<0.05	0.2	<0.01	4.3	<0.25	66	<2.0	370	0.00	NM	NM	NM	NM
MW-15		1/19/2010	<0.05	0.48	<0.01	4.7	<0.25	68	480	370	0.07	6.59	120.0	NM	NM
MW-15		4/12/2010	<0.05	<0.05	<0.01	5.3	<0.25	69	<2.0	350	0.02	10.39	20.2	NM	NM
MW-15		7/12/2010	0.063	0.36	<0.01	5.2	<0.1	64	390	390	0.12	5.79	-12.6	NM	NM
MW-15		10/18/2010	<0.05	<0.1	<0.01	5.5	<0.1	64	<3.0	350	0.00	6.28	27.1	NM	NM
MW-15		1/11/2011	0.056	1.1	<0.01	5.5	<0.1	64	<3.0	310	0.20	7.25	-1.7	NM	NM
MW-15		4/11/2011	0.06	3.5	<0.01	5.3	<0.1	65	<3.0	370	0.12	6.24	160.0	NM	NM
MW-15		7/12/2011	<0.05	0.3	<0.01	5.0	<0.1	67	<3.0	370	0.12	7.04	124.7	NM	NM
MW-15		10/10/2011	<0.05	<0.1	<0.01	4.8	<0.1	68	<3.0	380	0.00	6.67	339.4	NM	NM
MW-15		1/16/2012	<0.05	0.12	<0.01	4.3	<0.1	69	<3.0	380	0.01	5.96	155.8	NM	NM
MW-15		4/2/2012	<0.05	0.3	<0.01	4.0	<0.1	69	<3.0	330	0.19	5.80	111.6	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-15		7/9/2012	<0.05	7.6	<0.01	3.8	<0.1	68	<3.0	470	NM	NM	NM	NM	NM
MW-15		10/22/2012	<0.05	0.11	<0.01	3.3	0.31	65	3	350	NM	6.90	269.1	NM	NM
MW-15		1/21/2013	<0.05	0.9	<0.01	3.1	<0.1	62	<3.0	350	0.04	4.85	-358.3	NM	NM
MW-15		4/15/2013	0.13	7.8	<0.01	3.0	<0.1	64	<3.0	370	0.18	4.78	27.6	NM	NM
MW-15		7/8/2013	<0.05	<0.1	<0.01	3.0	<0.1	64	<3.0	360	NM	6.93	249.2	NM	NM
MW-15		10/7/2013	NA	0.14	<0.01	2.7	<0.1	60	NA	340	0.04	7.09	200.9	1.28 to 1.92	NM
MW-15		1/13/2014	NA	<0.1	<0.01	2.6	<0.1	59	NA	320	0.31	7.12	126.8	0.64 to 1.28	NM
MW-15		4/21/2014	NA	<0.1	<0.01	2.5	<0.1	58	NA	320	0.00	7.26	147.0	<0.64	NM
MW-15		7/14/2014	NA	<0.1	<0.01	2.5	<0.1	57	NA	330	0.00	6.64	131.2	<0.64	NM
MW-16		4/27/2005	NA	<0.05	<1.0	4.1	<0.2	500	<2.0	1200	0.08	5.80	125.0	NM	NM
MW-16		5/25/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.08	1.89	121.0	NM	NM
MW-16		6/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.14	0.80	69.0	NM	NM
MW-16		7/27/2005	NA	0.11	3	2.8	0.35	490	<2.0	1200	0.03	0.33	87.0	NM	NM
MW-16		8/31/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.16	0.95	139.0	NM	NM
MW-16		9/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.22	0.00	1.0	NM	NM
MW-16		10/26/2005	NA	<0.05	<1.0	1.6	0.49	490	<2.0	1200	0.10	0.61	30.0	NM	NM
MW-16		11/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.06	0.79	50.0	NM	NM
MW-16		12/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.10	6.67	43.0	NM	NM
MW-16		1/25/2006	NA	0.77	<1.0	1.6	0.46	490	<2.0	1100	0.08	0.73	53.0	NM	NM
MW-16		2/22/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	1.60	52.0	NM	NM
MW-16		3/30/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	0.69	44.0	NM	NM
MW-16		4/27/2006	NA	0.064	<1.0	1.1	0.45	420	<2.0	1100	0.13	6.20	6.0	NM	NM
MW-16		5/25/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	0.82	-25.0	NM	NM
MW-16		6/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	3.56	-87.0	NM	NM
MW-16		8/3/2006	NA	0.051	<1.0	1.0	0.28	480	<2.0	1100	NM	NM	NM	NM	NM
MW-16		8/31/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	2.40	-165.0	NM	NM
MW-16		9/28/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	0.00	-147.0	NM	NM
MW-16		10/26/2006	NA	0.263	<1.0	0.5	0.35	970	<2.0	1100	0.29	0.00	-116.0	NM	NM
MW-16		10/26/2006	NA	0.263	<1.0	0.5	0.35	970	<2.0	1100	0.29	0.00	-116.0	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-16		11/22/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	2.16	-134.0	NM	NM
MW-16		1/31/2007	NA	0.39	<1.0	0.4	<0.2	430	<1.0	1100	NM	8.72	-159.0	NM	NM
MW-16		4/26/2007	NA	0.48	<1.0	0.5	<0.2	440	<1.0	1000	0.49	3.77	-176.0	NM	NM
MW-16		7/26/2007	NA	0.48	<1.0	0.5	<0.2	440	<1.0	1000	0.27	0.00	-257.0	NM	NM
MW-16		10/25/2007	0.19	0.38	<1.0	<0.2	<0.2	460	6.8	1000	0.29	0.00	-212.0	NM	NM
MW-16		1/31/2008	0.01	0.3	0.69	<1.0	<0.1	350	2	970	0.30	0.16	-243.5	NM	NM
MW-16		4/24/2008	<0.01	0.31	0.66	<1.0	<0.1	340	2	920	0.30	0.16	-243.5	NM	NM
MW-16		8/1/2008	0.03	0.32	1	<1.0	<0.1	350	2	940	NM	0.18	-304.3	NM	NM
MW-16		10/16/2008	<0.05	<0.1	<0.01	1.1	<0.25	390	<2.0	990	0.04	NM	-104.3	NM	NM
MW-16		1/29/2009	0.23	0.23	<0.01	1.5	0.49	360	<2.0	880	0.25	0.34	-127.8	NM	NM
MW-16		4/30/2009	0.16	0.28	<0.01	1.6	<0.25	330	<2.0	870	0.14	0.61	-168.0	NM	NM
MW-16		7/23/2009	0.27	0.31	<0.01	0.7	<0.25	340	<2.0	860	0.32	0.73	-157.8	NM	NM
MW-16		10/8/2009	0.23	0.19	<0.01	1.6	<0.25	340	<2.0	920	0.25	0.23	-178.0	NM	NM
MW-16		1/22/2010	<0.05	0.14	<0.01	<0.25	<0.25	280	<2.0	820	0.22	0.32	-204.8	NM	NM
MW-16		4/15/2010	0.12	0.18	<0.01	<0.25	<0.25	280	<2.0	760	0.04	0.72	-209.6	NM	NM
MW-16		7/14/2010	0.27	0.19	<0.01	0.3	<0.1	260	<3.0	780	0.17	0.08	-223.0	NM	NM
MW-16	Duplicate	7/14/2010	0.27	0.19	<0.01	0.4	<0.1	270	<3.0	790	0.17	0.08	-223.0	NM	NM
MW-16		10/21/2010	0.22	0.15	<0.01	1.2	<0.1	160	<3.0	790	0.10	0.19	-196.9	NM	NM
MW-16		1/14/2011	0.2	0.12	<0.01	3.7	0.13	300	<3.0	880	0.00	2.13	4.9	NM	NM
MW-16		4/14/2011	0.24	0.15	<0.01	2.9	0.14	260	<3.0	800	0.00	2.78	141.0	NM	NM
MW-16		7/15/2011	0.2	<0.1	<0.01	1.2	<0.1	230	<3.0	780	0.00	0.82	-132.2	NM	NM
MW-16	Duplicate	7/15/2011	0.19	0.11	0.012	1.0	<0.1	230	<3.0	770	0.00	0.82	-132.2	NM	NM
MW-16		10/13/2011	0.22	0.14	<0.01	2.2	0.12	240	<3.0	750	0.13	1.20	-24.7	NM	NM
MW-16		1/20/2012	0.2	0.16	<0.01	1.9	<0.1	220	<3.0	640	0.10	4.90	9.1	NM	NM
MW-16		4/5/2012	0.21	0.13	<0.01	2.4	0.18	250	<3.0	760	0.06	2.24	-125.2	NM	NM
MW-16		7/13/2012	<0.05	1.1	<0.01	8.1	0.51	320	<3.0	1100	NM	NM	NM	NM	NM
MW-16		10/29/2012	0.27	0.17	<0.01	1.6	<0.1	170	<3.0	640	NM	2.06	-205.1	NM	NM
MW-16		1/29/2013	0.24	0.14	<0.01	1.3	<0.1	180	<3.0	640	0.15	0.53	-353.6	NM	NM
MW-16		4/22/2013	0.064	0.17	<0.01	6.5	0.15	300	<3.0	960	0.00	NM	NM	NM	NM

Table 8
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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-16		7/12/2013	0.28	0.22	<0.01	0.2	0.24	210	<3.0	740	0.10	0.38	-95.3	NM	NM
MW-16		10/10/2013	NA	0.16	<0.01	1.6	0.11	300	NA	980	0.04	0.54	-104.1	1.92 to 2.56	NM
MW-16		1/20/2014	NA	<0.1	<0.01	1.2	0.1	300	NA	920	0.24	1.77	-18.9	<0.64	NM
MW-16		4/25/2014	NA	0.16	<0.01	0.4	<0.1	260	NA	840	0.00	0.98	-197.0	2.56 to 3.20	NM
MW-16		7/22/2014	NA	0.62	0.018	<0.1	<0.1	260	NA	850	0.00	0.57	-236.2	2.56 to 3.20	NM
MW-16		10/7/2014	NA	0.27	0.025	<0.1	<0.1	260	NA	850	0.03	2.32	-159.6	<0.64	0.0
MW-17		4/28/2014	NA	0.25	1.2	<0.1	<0.1	54	NA	460	0.00	1.16	-79.9	1.28 to 1.92	NM
MW-17		7/17/2014	NA	<0.1	0.35	<0.1	<0.1	55	NA	480	0.00	0.53	-233.8	1.28 to 1.92	NM
MW-17		10/8/2014	NA	<0.1	0.2	<0.1	<0.1	92	NA	480	0.00	0.65	-267.4	0.64 to 1.28	0.4
MW-18		7/23/2009	<0.05	<0.1	<0.01	1.8	<0.25	190	<2.0	580	0.10	4.66	-106.7	NM	NM
MW-18		4/15/2010	<0.05	<0.05	<0.01	2.1	<0.25	130	<2.0	490	0.00	5.70	-89.9	NM	NM
MW-18		10/21/2010	<0.05	<0.1	<0.01	1.2	<0.1	190	<3.0	600	0.07	1.71	-116.1	NM	NM
MW-18	Duplicate	10/21/2010	0.12	<0.1	<0.01	1.2	<0.1	190	<3.0	610	0.07	1.71	-116.1	NM	NM
MW-18		1/13/2011	<0.05	<0.1	<0.01	1.6	<0.1	160	<3.0	560	0.11	2.08	-77.1	NM	NM
MW-18	Duplicate	1/13/2011	<0.05	<0.1	<0.01	1.5	<0.1	170	<3.0	570	0.11	2.08	-77.1	NM	NM
MW-18		4/13/2011	<0.05	<0.1	<0.01	2.0	0.11	130	<3.0	500	0.00	2.93	106.7	NM	NM
MW-18		1/20/2012	<0.05	<0.1	<0.01	1.5	<0.1	100	<3.0	470	0.01	5.52	40.4	NM	NM
MW-18		4/6/2012	<0.05	<0.1	<0.01	2.0	<0.1	97	<3.0	440	0.00	2.61	39.8	NM	NM
MW-18	Duplicate	4/6/2012	<0.05	<0.1	<0.01	1.8	<0.1	97	<3.0	420	0.00	2.61	39.8	NM	NM
MW-18		7/17/2014	NA	0.22	0.013	0.3	<0.1	98	NA	480	0.08	0.55	-236.9	1.92 to 2.56	NM
MW-18		10/8/2014	NA	0.3	<0.01	0.3	<0.1	110	NA	480	0.08	0.61	-301.5	2.56 to 3.20	0.0
MW-18	Duplicate	10/8/2014	NA	0.27	<0.01	<0.1	<0.1	110	NA	480	0.08	0.61	-301.5	2.56 to 3.20	0.0
MW-19		10/15/2008	<0.05	0.24	<0.01	<0.25	<0.25	320	<2.0	840	0.08	NM	-291.9	NM	NM
MW-19		10/14/2011	0.42	0.3	<0.01	0.4	<0.1	370	<3.0	880	0.29	1.25	-18.1	NM	NM
MW-19		1/18/2012	0.31	0.29	<0.01	0.2	<0.1	410	<3.0	920	0.00	7.96	72.2	NM	NM
MW-19		4/5/2012	0.23	0.18	<0.01	0.2	0.1	370	<3.0	820	0.19	1.06	5.1	NM	NM
MW-19		7/12/2012	0.27	0.32	<0.01	0.1	<0.1	360	<3.0	930	NM	5.17	-172.4	NM	NM
MW-19	Duplicate	7/12/2012	0.3	0.23	<0.01	0.1	<0.1	360	<3.0	970	NM	5.17	-172.4	NM	NM
MW-19		10/24/2012	0.36	0.28	<0.01	0.3	<0.1	300	<3.0	720	0.00	1.32	28.6	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-19		1/25/2013	0.38	0.21	<0.01	0.3	<0.1	320	<3.0	820	0.24	0.52	-471.0	NM	NM
MW-19		4/19/2013	3.6	8.4	<0.01	<0.1	<0.1	340	<3.0	860	0.20	NM	NM	NM	NM
MW-19		7/11/2013	<0.05	0.26	<0.01	1.1	0.13	350	<3.0	880	0.10	0.60	228.4	NM	NM
MW-19		10/10/2013	NA	<0.1	<0.01	1.2	0.11	330	NA	920	0.01	0.68	39.1	<0.64	NM
MW-19		1/17/2014	NA	<0.1	<0.01	1.6	<0.1	330	NA	850	0.08	0.95	87.9	<0.64	NM
MW-19		4/23/2014	NA	<0.1	<0.01	1.8	0.13	310	NA	870	0.09	0.95	119.9	<0.64	NM
MW-19		7/17/2014	NA	<0.1	0.012	1.7	0.17	330	NA	850	0.08	0.95	130.1	<0.64	NM
MW-19		10/8/2014	NA	0.14	<0.01	1.4	0.1	320	NA	870	0.04	1.17	-12.9	<0.64	0.4
MW-20		9/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.20	1.39	-186.0	NM	NM
MW-20		10/26/2005	NA	0.086	<1.0	1.0	<0.2	280	<2.0	730	0.08	0.83	-291.0	NM	NM
MW-20		10/24/2007	<0.05	0.12	<1.0	1.5	<0.2	180	6	580	0.03	2.68	-237.0	NM	NM
MW-20		1/31/2008	0.03	0.1	<0.5	1.4	<0.1	150	2	700	0.02	1.44	-205.7	NM	NM
MW-20		4/23/2008	<0.01	0.14	<0.48	1.2	<0.1	140	4	500	0.22	1.15	-177.5	NM	NM
MW-20		8/1/2008	0.02	0.12	<0.5	1.1	<0.1	150	2	510	0.02	1.12	-309.3	NM	NM
MW-20		10/15/2008	0.068	0.21	<0.01	1.0	<0.25	220	<2.0	640	0.22	NM	-178.8	NM	NM
MW-20		1/28/2009	0.066	<1.0	<0.01	0.6	<0.25	210	<2.0	620	0.00	0.42	-165.5	NM	NM
MW-20		4/30/2009	0.076	0.13	<0.01	<0.25	<0.25	300	<2.0	780	0.00	1.25	-150.0	NM	NM
MW-20		7/22/2009	0.068	<0.1	<0.01	0.7	<0.25	290	<2.0	770	0.15	0.48	-103.8	NM	NM
MW-20		10/8/2009	<0.05	<0.1	<0.01	2.3	<0.25	220	<2.0	670	0.15	1.33	174.7	NM	NM
MW-20		1/21/2010	<0.05	<0.1	<0.01	3.0	<0.25	180	<2.0	570	0.01	1.28	0.7	NM	NM
MW-20		4/14/2010	<0.05	<0.05	<0.01	4.1	<0.25	220	<2.0	650	0.00	4.46	-62.7	NM	NM
MW-20		10/20/2010	<0.05	<0.1	<0.01	3.4	<0.1	220	<3.0	660	0.09	5.03	38.1	NM	NM
MW-20		1/13/2011	<0.05	<0.1	<0.01	3.6	<0.1	210	<3.0	660	0.08	6.40	-47.4	NM	NM
MW-20		4/12/2011	<0.05	0.34	<0.01	3.5	<0.1	210	<3.0	630	0.10	4.65	233.4	NM	NM
MW-20		7/13/2011	0.068	<0.1	<0.01	3.7	<0.1	190	<3.0	620	0.00	6.80	75.9	NM	NM
MW-20		10/11/2011	<0.05	<0.1	<0.01	3.7	<0.1	200	<3.0	600	0.13	11.20	55.5	NM	NM
MW-20		1/18/2012	<0.05	<0.1	<0.01	4.1	<0.1	220	<3.0	620	0.02	11.82	64.0	NM	NM
MW-20		4/4/2012	<0.05	<0.1	<0.01	4.1	<0.1	250	<3.0	640	0.04	5.57	92.0	NM	NM
MW-20		7/11/2012	<0.05	0.48	<0.01	4.7	<0.1	260	<3.0	770	NM	9.37	102.3	NM	NM

Table 8
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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-20		10/24/2012	<0.05	<0.1	<0.01	4.4	<0.1	290	<3.0	670	NM	5.56	20.4	NM	NM
MW-20		1/23/2013	<0.05	<0.1	<0.01	4.1	<0.1	290	<3.0	750	0.01	5.97	-379.0	NM	NM
MW-20		4/18/2013	0.06	<0.1	<0.01	4.2	<0.1	270	<3.0	730	0.03	8.64	-168.0	NM	NM
MW-20	Duplicate	4/18/2013	0.23	<0.1	<0.01	4.2	<0.1	270	<3.0	720	0.03	8.64	-168.0	NM	NM
MW-20		7/9/2013	<0.05	0.12	0.02	4.5	<0.1	300	<3.0	740	0.00	6.83	249.7	NM	NM
MW-20		10/7/2013	NA	<0.1	<0.01	4.2	<0.1	280	NA	720	0.01	6.48	202.1	<0.64	NM
MW-20		1/14/2014	NA	<0.1	<0.01	3.8	<0.1	250	NA	650	0.00	7.54	157.7	<0.64	NM
MW-20		4/23/2014	NA	<0.1	<0.01	3.6	<0.1	220	NA	610	0.00	7.86	123.7	<0.64	NM
MW-20	Duplicate	4/23/2014	NA	<0.1	<0.01	3.6	<0.1	240	NA	640	0.00	7.86	123.7	<0.64	NM
MW-20		7/17/2014	NA	<0.1	0.01	3.2	<0.1	210	NA	640	0.00	7.07	122.9	<0.64	NM
MW-20		10/3/2014	NA	<0.1	<0.01	3.0	<0.1	200	NA	570	0.06	5.20	203.1	<0.64	0.0
MW-21		10/24/2007	<0.05	0.061	<1.0	1.3	0.29	170	8	540	0.06	0.66	-110.0	NM	NM
MW-21		1/30/2008	<0.01	<0.02	<0.5	1.2	<0.1	150	2	500	0.01	0.61	-111.4	NM	NM
MW-21		4/24/2008	<0.01	<0.02	<0.48	1.3	<0.1	160	3	490	0.01	0.95	-58.9	NM	NM
MW-21		7/31/2008	0.01	0.05	<0.5	<1.0	0.11	180	<2.0	530	0.09	0.58	-84.6	NM	NM
MW-21	Duplicate	7/31/2008	0.01	0.05	<0.5	<1.0	<0.1	170	<2.0	510	0.09	0.58	-84.6	NM	NM
MW-21		10/16/2008	<0.05	0.22	<0.01	0.8	<0.25	200	<2.0	580	0.12	NM	-136.8	NM	NM
MW-21		1/28/2009	<0.05	0.1	<0.01	0.8	<0.25	200	<2.0	540	0.13	0.32	-137.3	NM	NM
MW-21		4/29/2009	<0.05	0.1	<0.01	0.6	<0.25	180	<2.0	520	0.00	0.92	-126.0	NM	NM
MW-21		7/23/2009	0.064	<0.1	<0.01	0.3	<0.25	220	<2.0	580	0.02	0.50	-142.7	NM	NM
MW-21		10/8/2009	<0.05	<0.1	<0.01	0.3	<0.25	200	<2.0	580	0.00	0.77	-181.0	NM	NM
MW-21		1/21/2010	<0.05	<0.1	<0.01	0.5	<0.25	220	<2.0	600	0.10	0.43	-255.0	NM	NM
MW-21		4/14/2010	<0.05	0.065	<0.01	<0.25	<0.25	190	<2.0	530	0.00	0.83	-203.0	NM	NM
MW-21		10/21/2010	0.12	<0.1	<0.01	<0.1	<0.1	190	<3.0	540	0.00	0.16	-233.1	NM	NM
MW-21		1/13/2011	0.12	<0.1	<0.01	<0.1	<0.1	160	<3.0	520	0.00	0.70	-236.3	NM	NM
MW-21		4/13/2011	0.17	<0.1	<0.01	1.3	0.12	130	<3.0	470	0.00	3.33	-162.5	NM	NM
MW-21		7/15/2011	0.15	<0.1	<0.01	<0.1	<0.1	140	<3.0	480	0.00	1.04	-145.6	NM	NM
MW-21		10/13/2011	0.36	<0.1	<0.01	<0.1	<0.1	130	<3.0	450	0.00	0.65	-43.5	NM	NM
MW-21		1/19/2012	0.1	<0.1	<0.01	0.1	<0.1	140	<3.0	470	0.00	7.74	6.4	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-21		4/5/2012	0.18	0.1	0.01	0.1	<0.1	120	<3.0	450	0.04	1.14	-152.2	NM	NM
MW-21		7/12/2012	0.14	<0.1	<0.01	<0.1	<0.1	97	<3.0	450	NM	5.07	-274.2	NM	NM
MW-21		10/26/2012	0.074	<0.1	<0.01	0.3	<0.1	170	<3.0	500	NM	1.79	-205.6	NM	NM
MW-21		1/28/2013	0.17	<0.1	<0.01	0.2	<0.1	180	<3.0	520	0.00	0.14	-365.4	NM	NM
MW-21		4/22/2013	0.55	0.42	<0.01	0.1	<0.1	87	<3.0	420	0.07	NM	NM	NM	NM
MW-21		10/10/2013	NA	0.2	<0.01	<0.1	<0.1	140	NA	510	0.00	0.42	-230.1	9.60 to 10.24	NM
MW-21		1/20/2014	NA	<0.1	<0.01	0.5	<0.1	160	NA	530	0.30	1.63	-142.3	5.12 to 5.76	NM
MW-21		4/25/2014	NA	<0.1	<0.01	<0.1	<0.1	150	NA	520	0.34	0.57	-261.9	5.76 to 6.40	NM
MW-21	Duplicate	4/25/2014	NA	<0.1	<0.01	<0.1	<0.1	150	NA	530	0.34	0.57	-261.9	5.76 to 6.40	NM
MW-21		7/18/2014	NA	<0.1	<0.01	<0.1	<0.1	170	NA	580	0.45	0.64	-218.7	5.12 to 5.76	NM
MW-21	Duplicate	7/18/2014	NA	<0.1	<0.01	<0.1	<0.1	170	NA	590	0.45	0.64	-218.7	5.12 to 5.76	NM
MW-21		10/8/2014	NA	0.12	<0.01	<0.1	<0.1	180	NA	570	0.00	0.67	-274.3	3.84 to 4.48	0.3
MW-22		4/27/2005	NA	<0.05	<1.0	2.4	<0.2	110	<2.0	420	0.04	6.25	107.0	NM	NM
MW-22		5/24/2005	NA	NA	NA	NA	NA	NA	NA	NA	NM	6.73	117.0	NM	NM
MW-22		6/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.02	8.51	87.0	NM	NM
MW-22		7/26/2005	NA	0.2	<1.0	2.3	<0.2	110	<2.0	420	0.05	5.83	78.0	NM	NM
MW-22	Duplicate	7/26/2005	NA	0.19	<1.0	2.4	<0.2	110	<2.0	410	0.05	5.83	78.0	NM	NM
MW-22		8/31/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.08	5.78	226.0	NM	NM
MW-22		9/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.02	5.34	174.0	NM	NM
MW-22		10/25/2005	NA	<0.05	<1.0	2.3	<0.2	120	<2.0	440	0.09	6.05	160.0	NM	NM
MW-22		11/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.01	5.44	141.0	NM	NM
MW-22		12/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.03	8.00	118.0	NM	NM
MW-22		1/24/2006	NA	<0.05	<1.0	2.3	<0.2	130	<2.0	420	0.00	7.39	238.0	NM	NM
MW-22		3/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.75	127.0	NM	NM
MW-22		4/26/2006	NA	<0.05	<1.0	2.3	<0.2	120	<2.0	420	0.02	8.39	145.0	NM	NM
MW-22		5/24/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	8.84	100.0	NM	NM
MW-22		6/28/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	10.64	132.0	NM	NM
MW-22		8/2/2006	NA	<0.05	<1.0	2.3	<0.2	120	<2.0	420	NM	NM	NM	NM	NM
MW-22		8/30/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	10.78	99.0	NM	NM

Table 8
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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-22		9/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.07	77.0	NM	NM
MW-22		10/25/2006	NA	<0.05	<1.0	2.3	<0.2	130	<2.0	450	0.03	7.53	279.0	NM	NM
MW-22		10/25/2006	NA	<0.05	<1.0	2.3	<0.2	130	<2.0	450	0.03	7.53	279.0	NM	NM
MW-22		11/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.81	145.0	NM	NM
MW-22		12/28/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.71	165.0	NM	NM
MW-22		1/30/2007	NA	0.18	<1.0	2.2	<0.2	140	<1.0	480	0.00	16.02	50.0	NM	NM
MW-22		4/25/2007	NA	<0.05	<1.0	2.2	<0.2	120	<1.0	470	0.05	7.41	114.0	NM	NM
MW-22	Duplicate	4/25/2007	NA	<0.05	<1.0	2.2	<0.2	120	<1.0	470	0.05	7.41	114.0	NM	NM
MW-22		7/26/2007	NA	0.34	<1.0	2.3	<0.2	130	<1.0	460	0.00	6.12	84.0	NM	NM
MW-22		10/22/2007	NA	0.073	<1.0	2.3	<0.2	140	5.6	450	0.00	7.03	73.0	NM	NM
MW-22		1/28/2008	<0.01	0.13	<0.5	1.9	<0.1	130	2	440	NM	NM	NM	NM	NM
MW-22		1/29/2008	NA	NA	NA	NA	NA	NA	NA	NA	0.00	6.15	90.5	NM	NM
MW-22		4/22/2008	<0.01	<0.02	<0.48	2.1	<0.1	130	2	460	0.00	8.57	4.4	NM	NM
MW-22		7/30/2008	0.03	1.12	<0.5	2.1	<0.1	140	<2.0	470	0.05	6.60	54.8	NM	NM
MW-22		10/14/2008	<0.05	<0.1	<0.01	2.7	<0.25	170	<2.0	500	0.00	NM	108.5	NM	NM
MW-22		1/26/2009	<0.05	0.29	<0.01	2.8	<0.25	170	<2.0	490	NM	6.17	-101.5	NM	NM
MW-22		4/27/2009	<0.05	0.33	<0.01	2.6	<0.25	150	<2.0	NA	0.00	6.24	0.1	NM	NM
MW-22		7/21/2009	<0.05	<0.1	<0.01	2.8	<0.25	140	<2.0	500	0.04	7.35	-78.8	NM	NM
MW-22		10/7/2009	<0.05	<0.1	<0.01	2.7	<0.25	160	<2.0	520	0.01	4.77	151.4	NM	NM
MW-22		1/20/2010	<0.05	<0.1	<0.01	2.8	<0.25	160	<2.0	530	0.06	6.11	43.6	NM	NM
MW-22	Duplicate	1/20/2010	<0.05	<0.1	<0.01	<0.25	<0.25	160	<2.0	460	0.06	6.11	43.6	NM	NM
MW-22		4/13/2010	<0.05	ND	<0.01	2.7	<0.25	150	<2.0	540	0.00	10.39	10.0	NM	NM
MW-22		7/13/2010	0.13	0.16	<0.01	2.6	<0.1	160	<3.0	580	0.01	6.06	33.0	NM	NM
MW-22		10/19/2010	<0.05	<0.1	<0.01	2.4	<0.1	150	<3.0	570	0.00	6.37	30.7	NM	NM
MW-22		1/12/2011	<0.05	0.24	<0.01	2.7	<0.1	170	<3.0	540	0.08	6.47	-8.4	NM	NM
MW-22		4/12/2011	<0.05	1.3	<0.01	2.8	<0.1	170	<3.0	580	0.00	3.70	340.1	NM	NM
MW-22		7/12/2011	<0.05	0.18	<0.01	2.9	<0.1	170	<3.0	650	0.14	7.44	64.4	NM	NM
MW-22		10/11/2011	<0.05	0.22	<0.01	2.7	<0.1	180	<3.0	580	0.06	7.50	52.4	NM	NM
MW-22	Duplicate	10/11/2011	<0.05	0.22	<0.01	2.7	<0.1	180	<3.0	580	0.06	7.50	52.4	NM	NM

Table 8
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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-22		1/18/2012	<0.05	<0.1	<0.01	2.8	<0.1	190	<3.0	620	0.00	8.84	49.3	NM	NM
MW-22		4/3/2012	<0.05	0.2	<0.01	2.7	<0.1	190	<3.0	580	0.13	5.88	96.7	NM	NM
MW-22		7/11/2012	<0.05	0.65	<0.01	3.1	<0.1	200	<3.0	660	NM	8.71	97.5	NM	NM
MW-22		10/23/2012	<0.05	<0.1	0.012	2.8	<0.1	190	<3.0	620	0.00	5.29	54.3	NM	NM
MW-22		1/22/2013	<0.05	<0.1	<0.01	2.8	<0.1	190	<3.0	630	0.01	5.09	-384.0	NM	NM
MW-22	Duplicate	1/22/2013	<0.05	<0.1	<0.01	2.8	<0.1	190	<3.0	630	0.01	5.09	-384.0	NM	NM
MW-22		4/18/2013	<0.05	0.16	<0.01	2.9	<0.1	190	<3.0	610	0.03	8.58	-21.0	NM	NM
MW-22		7/10/2013	0.075	<0.1	<0.01	3.0	<0.1	210	<3.0	640	0.00	6.29	247.1	NM	NM
MW-22		10/9/2013	NA	<0.1	<0.01	3.0	<0.1	200	NA	610	0.01	6.37	212.7	0.64 to 1.28	NM
MW-22		1/14/2014	NA	<0.1	<0.01	3.0	<0.1	200	NA	610	0.00	6.83	155.3	<0.64	NM
MW-22		4/23/2014	NA	<0.1	<0.01	3.0	<0.1	180	NA	630	0.14	7.17	109.4	<0.64	NM
MW-22		7/15/2014	NA	<0.1	<0.01	2.9	<0.1	200	NA	650	0.16	6.63	137.4	<0.64	NM
MW-22		10/2/2014	NA	<0.1	<0.01	2.6	<0.1	190	NA	640	0.04	7.80	178.6	<0.64	0.0
MW-23		4/26/2005	NA	0.054	<1.0	3.0	<0.2	170	<2.0	480	0.01	6.91	153.0	NM	NM
MW-23		5/24/2005	NA	NA	NA	NA	NA	NA	NA	NA	NM	6.63	122.0	NM	NM
MW-23		6/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.12	7.48	116.0	NM	NM
MW-23		7/26/2005	NA	0.4	<1.0	3.2	<0.2	150	<2.0	490	0.03	6.40	86.0	NM	NM
MW-23		8/30/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.05	5.58	223.0	NM	NM
MW-23		9/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.07	5.19	90.0	NM	NM
MW-23		10/24/2005	NA	<0.05	<1.0	3.3	<0.2	160	<2.0	480	0.01	7.93	131.0	NM	NM
MW-23		11/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.55	5.99	176.0	NM	NM
MW-23		12/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.02	8.87	111.0	NM	NM
MW-23		1/23/2006	NA	<0.05	<1.0	3.0	<0.2	160	<2.0	460	0.00	7.94	175.0	NM	NM
MW-23		3/28/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.16	126.0	NM	NM
MW-23		4/25/2006	NA	<0.05	<1.0	2.9	<0.2	160	<2.0	490	0.01	6.94	160.0	NM	NM
MW-23		5/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	8.04	118.0	NM	NM
MW-23		6/28/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	8.92	147.0	NM	NM
MW-23		8/2/2006	NA	<0.05	<1.0	2.9	<0.2	150	<2.0	470	NM	NM	NM	NM	NM
MW-23		8/30/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	10.54	140.0	NM	NM

Table 8
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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-23		9/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	5.69	50.0	NM	NM
MW-23		10/24/2006	NA	<0.05	<1.0	2.7	<0.2	130	<2.0	470	0.01	6.14	233.0	NM	NM
MW-23		10/24/2006	NA	<0.05	<1.0	2.7	<0.2	130	<2.0	470	0.01	6.14	233.0	NM	NM
MW-23		11/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.19	72.0	NM	NM
MW-23		12/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	6.95	126.0	NM	NM
MW-23		1/30/2007	NA	0.055	<1.0	2.2	0.38	130	<1.0	490	0.23	14.55	42.0	NM	NM
MW-23	Duplicate	1/30/2007	NA	0.065	<1.0	2.2	0.35	130	<1.0	490	0.23	14.55	42.0	NM	NM
MW-23		4/25/2007	NA	<0.05	<1.0	2.0	0.39	140	<1.0	500	0.02	7.50	121.0	NM	NM
MW-23		7/24/2007	NA	<0.05	<1.0	2.2	0.34	140	<1.0	510	0.00	2.20	79.0	NM	NM
MW-23		10/23/2007	<0.05	<0.05	<1.0	2.1	0.31	150	6.8	500	0.02	0.00	62.0	NM	NM
MW-23		1/28/2008	<0.01	<0.02	<0.5	1.7	0.12	130	2	490	NM	2.97	92.2	NM	NM
MW-23		4/22/2008	<0.01	0.11	<0.48	1.6	0.12	150	2	500	0.00	3.44	21.2	NM	NM
MW-23		7/30/2008	0.02	0.04	<0.5	1.5	0.15	160	2	540	0.04	2.79	46.2	NM	NM
MW-23		10/14/2008	<0.05	<0.1	<0.01	2.0	0.33	190	<2.0	570	0.00	NM	110.2	NM	NM
MW-23		1/27/2009	<0.05	0.1	<0.01	3.6	<0.25	160	<2.0	570	0.02	2.28	-108.4	NM	NM
MW-23		4/28/2009	<0.05	0.43	<0.01	3.5	<0.25	150	<2.0	540	0.00	3.86	-1.3	NM	NM
MW-23		7/21/2009	<0.05	<0.1	<0.01	3.3	<0.25	130	<2.0	530	0.09	6.58	-81.9	NM	NM
MW-23		10/7/2009	<0.05	<0.1	<0.01	3.4	<0.25	140	<2.0	510	0.03	5.65	145.0	NM	NM
MW-23		1/20/2010	<0.05	<0.1	<0.01	3.4	<0.25	160	<2.0	550	0.00	6.45	72.5	NM	NM
MW-23		4/13/2010	<0.05	ND	<0.01	3.5	<0.25	150	<2.0	520	0.00	10.38	-0.3	NM	NM
MW-23		7/12/2010	NA	NA	NA	NA	NA	NA	NA	NA	0.02	6.46	35.8	NM	NM
MW-23		7/13/2010	0.078	<0.1	<0.01	3.4	<0.1	170	<3.0	600	NM	NM	NM	NM	NM
MW-23		10/19/2010	<0.05	<0.1	<0.01	2.8	<0.1	160	<3.0	580	0.00	6.85	32.8	NM	NM
MW-23		1/12/2011	<0.05	<0.1	<0.01	3.0	<0.1	160	<3.0	560	0.13	7.20	-0.3	NM	NM
MW-23		4/12/2011	<0.05	0.26	<0.01	3.4	<0.1	150	<3.0	550	0.00	4.37	277.9	NM	NM
MW-23		7/12/2011	<0.05	<0.1	<0.01	3.3	<0.1	170	<3.0	620	0.10	8.54	83.2	NM	NM
MW-23		10/11/2011	<0.05	0.15	<0.01	3.0	<0.1	170	<3.0	570	0.00	8.79	105.6	NM	NM
MW-23		1/17/2012	<0.05	<0.1	<0.01	3.2	<0.1	180	<3.0	600	0.00	15.35	60.0	NM	NM
MW-23		4/3/2012	<0.05	<0.1	<0.01	3.2	<0.1	170	<3.0	530	0.08	6.83	101.3	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-23	Duplicate	4/3/2012	0.081	0.1	<0.01	3.2	<0.1	170	<3.0	540	0.08	6.83	101.3	NM	NM
MW-23		7/10/2012	0.36	160	<0.01	2.8	<0.1	160	<3.0	590	NM	NM	NM	NM	NM
MW-23	Duplicate	7/10/2012	<0.05	1.4	<0.01	2.8	<0.1	160	<3.0	580	NM	NM	NM	NM	NM
MW-23		10/23/2012	<0.05	<0.1	<0.01	2.8	<0.1	150	<3.0	550	0.00	NM	NM	NM	NM
MW-23		1/22/2013	<0.05	0.16	<0.01	3.0	<0.1	160	<3.0	590	0.03	6.00	-397.6	NM	NM
MW-23		4/16/2013	<0.05	<0.1	<0.01	3.0	<0.1	170	<3.0	570	0.02	8.95	-47.1	NM	NM
MW-23		7/9/2013	<0.05	0.31	0.013	3.3	<0.1	150	<3.0	550	0.00	6.71	259.1	NM	NM
MW-23		10/7/2013	NA	<0.1	<0.01	3.4	<0.1	160	NA	560	0.03	7.27	200.6	<0.64	NM
MW-23		1/14/2014	NA	<0.1	<0.01	3.6	<0.1	160	NA	530	0.00	7.39	158.2	<0.64	NM
MW-23		4/23/2014	NA	0.11	<0.01	3.6	<0.1	180	NA	600	0.15	7.67	121.2	<0.64	NM
MW-23		7/16/2014	NA	<0.1	<0.01	4.4	<0.1	180	NA	780	0.18	6.85	134.3	<0.64	NM
MW-24		4/27/2005	NA	<0.05	<1.0	5.7	<0.2	480	<2.0	1200	0.03	6.12	116.0	NM	NM
MW-24		5/25/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.10	7.12	133.0	NM	NM
MW-24		6/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.06	8.07	86.0	NM	NM
MW-24		7/27/2005	NA	0.2	<1.0	5.7	<0.2	500	<2.0	1400	0.31	5.15	83.0	NM	NM
MW-24		8/31/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.25	5.37	217.0	NM	NM
MW-24		9/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.23	5.39	140.0	NM	NM
MW-24		10/25/2005	NA	0.2	<1.0	2.6	<0.2	500	<2.0	1400	0.04	6.84	153.0	NM	NM
MW-24		11/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.09	5.55	135.0	NM	NM
MW-24		11/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.09	5.55	135.0	NM	NM
MW-24		12/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.14	8.01	120.0	NM	NM
MW-24		1/25/2006	NA	0.16	<1.0	5.4	<0.2	500	<2.0	1400	0.04	6.99	147.0	NM	NM
MW-24	Duplicate	1/25/2006	NA	0.18	<1.0	5.5	<0.2	510	<2.0	1400	0.04	6.99	147.0	NM	NM
MW-24		3/30/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.93	185.0	NM	NM
MW-24		4/27/2006	NA	<0.05	<1.0	5.4	<0.2	480	<2.0	1400	0.03	8.12	133.0	NM	NM
MW-24		5/24/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	8.99	108.0	NM	NM
MW-24		6/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	10.36	145.0	NM	NM
MW-24		8/3/2006	NA	<0.05	<1.0	5.4	<0.2	550	<2.0	1400	NM	NM	NM	NM	NM
MW-24		8/31/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	8.57	102.0	NM	NM

Table 8
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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-24		9/28/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	6.35	71.0	NM	NM
MW-24		10/26/2006	NA	<0.05	<1.0	5.1	<0.2	500	<2.0	1300	0.03	8.63	239.0	NM	NM
MW-24		10/26/2006	NA	<0.05	<1.0	5.1	<0.2	500	<2.0	1300	0.03	8.63	239.0	NM	NM
MW-24	Duplicate	10/26/2006	NA	<0.05	<1.0	5.0	<0.2	500	<2.0	1300	0.03	8.63	239.0	NM	NM
MW-24	Duplicate	10/26/2006	NA	<0.05	<1.0	5.0	<0.2	500	<2.0	1300	0.03	8.63	239.0	NM	NM
MW-24		11/22/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.72	138.0	NM	NM
MW-24		1/31/2007	NA	0.055	<1.0	4.6	<0.2	510	<1.0	1400	0.09	14.67	50.0	NM	NM
MW-24		4/26/2007	NA	0.058	<1.0	4.7	<0.2	550	<1.0	1300	0.02	6.03	124.0	NM	NM
MW-24		7/26/2007	NA	0.1	<1.0	4.4	<0.2	510	<1.0	1400	0.01	2.72	87.0	NM	NM
MW-24		10/25/2007	<0.05	<0.05	1.6	4.5	<0.2	560	7.2	1400	0.02	1.96	74.0	NM	NM
MW-24		1/31/2008	<0.01	<0.02	<0.5	3.3	<0.1	520	<2.0	1300	0.06	1.15	111.9	NM	NM
MW-24		4/24/2008	<0.01	<0.02	<0.48	3.0	0.12	530	2	1300	0.00	1.51	35.2	NM	NM
MW-24		8/1/2008	0.02	<0.02	<0.5	2.3	0.3	540	<2.0	1300	0.27	1.51	-58.3	NM	NM
MW-24		10/16/2008	<0.05	<0.1	<0.01	4.7	<0.25	590	<2.0	1400	0.00	NM	24.7	NM	NM
MW-24		1/29/2009	<0.05	<0.1	<0.01	3.2	<0.25	590	<2.0	1300	0.05	1.47	-133.8	NM	NM
MW-24		4/30/2009	<0.05	2	<0.01	3.4	<0.25	530	<2.0	1300	0.32	2.47	-8.1	NM	NM
MW-24		7/22/2009	<0.05	<0.1	<0.01	1.8	0.33	550	<2.0	1200	0.11	1.03	-85.5	NM	NM
MW-24		10/8/2009	<0.05	<0.1	<0.01	1.4	<0.25	510	<2.0	1300	0.11	0.54	38.0	NM	NM
MW-24		1/22/2010	<0.05	<0.1	<0.01	<0.25	<0.25	490	<2.0	1200	NM	0.47	125.9	NM	NM
MW-24		4/14/2010	<0.05	<0.05	<0.01	0.5	<0.25	490	<2.0	1200	0.00	1.02	-78.9	NM	NM
MW-24	Duplicate	4/14/2010	0.064	<0.05	<0.01	0.5	<0.25	490	<2.0	1200	0.00	1.02	-78.9	NM	NM
MW-24		7/14/2010	0.08	<0.1	<0.01	0.2	<0.1	540	<3.0	1300	0.23	0.18	-121.5	NM	NM
MW-24		10/20/2010	0.18	0.25	<0.01	<0.1	<0.1	890	<3.0	1200	0.16	0.16	-152.8	NM	NM
MW-24		1/13/2011	<0.05	<0.1	<0.01	0.3	0.15	480	<3.0	1200	0.02	0.55	-95.8	NM	NM
MW-24		4/13/2011	0.17	0.14	<0.01	4.0	0.42	480	<3.0	1100	0.12	3.06	109.8	NM	NM
MW-24		7/14/2011	0.2	0.21	<0.01	0.1	<0.1	420	<3.0	1100	0.20	1.53	-6.6	NM	NM
MW-24		10/13/2011	1.1	4.8	0.016	<0.1	<0.1	380	<3.0	980	2.03	2.29	3.1	NM	NM
MW-24	Duplicate	10/13/2011	1.5	11	<0.01	<0.1	<0.1	390	<3.0	1000	2.03	2.29	3.1	NM	NM
MW-24		1/20/2012	0.25	0.2	<0.01	<0.1	<0.1	350	<3.0	890	0.20	5.10	15.9	NM	NM

Table 8
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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-24	Duplicate	1/20/2012	0.22	0.19	<0.01	<0.1	<0.1	340	<3.0	900	0.20	5.10	15.9	NM	NM
MW-24		4/5/2012	0.19	0.13	<0.01	<0.1	<0.1	380	<3.0	950	0.12	2.75	-96.4	NM	NM
MW-24		7/12/2012	0.1	<0.1	<0.01	<0.1	<0.1	350	<3.0	1000	NM	5.25	-247.4	NM	NM
MW-24		10/26/2012	0.088	<0.1	<0.01	<0.1	<0.1	280	<3.0	820	NM	1.63	-176.8	NM	NM
MW-24		1/29/2013	0.12	<0.1	<0.01	<0.1	<0.1	230	<3.0	700	0.00	0.52	-350.7	NM	NM
MW-24	Duplicate	1/29/2013	0.094	<0.1	<0.01	<0.1	<0.1	240	<3.0	710	0.00	0.52	-350.7	NM	NM
MW-24		4/19/2013	4.2	3.7	<0.01	0.2	<0.1	370	<3.0	980	2.20	NM	NM	NM	NM
MW-24		7/12/2013	<0.05	<0.1	<0.01	0.6	0.1	340	<3.0	1000	0.19	0.54	251.3	NM	NM
MW-24		10/10/2013	NA	<0.1	0.024	<0.1	<0.1	360	NA	990	0.00	0.55	-12.1	0.64 to 1.28	NM
MW-24		1/20/2014	NA	0.14	0.082	<0.1	<0.1	270	NA	840	0.06	1.45	-63.1	<0.64	NM
MW-24	Duplicate	1/20/2014	NA	0.14	0.082	<0.1	<0.1	280	NA	830	0.06	1.45	-63.1	<0.64	NM
MW-24		4/24/2014	NA	0.16	0.053	<0.1	<0.1	260	NA	810	0.00	0.90	-90.1	<0.64	NM
MW-24		7/22/2014	NA	<0.1	0.044	<0.1	<0.1	260	NA	810	0.00	0.70	115.9	<0.64	NM
MW-24		10/7/2014	NA	<0.1	0.16	<0.1	<0.1	230	NA	780	0.06	0.42	-20.7	<0.64	0.0
MW-25		4/26/2005	NA	<0.05	<1.0	3.8	<0.2	190	<2.0	560	0.06	6.77	161.0	NM	NM
MW-25	Duplicate	4/26/2005	NA	<0.05	<1.0	3.8	<0.2	190	<2.0	570	0.06	6.77	161.0	NM	NM
MW-25		5/24/2005	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.47	127.0	NM	NM
MW-25		6/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.21	6.78	104.0	NM	NM
MW-25		7/26/2005	NA	0.83	<1.0	3.8	<0.2	170	<2.0	570	0.10	6.14	94.0	NM	NM
MW-25		8/30/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.04	5.63	248.0	NM	NM
MW-25		9/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.10	5.44	133.0	NM	NM
MW-25		10/24/2005	NA	<0.05	<2.0	3.3	<0.2	160	<2.0	480	0.05	7.50	147.0	NM	NM
MW-25		11/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.08	6.87	175.0	NM	NM
MW-25		12/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.00	8.75	131.0	NM	NM
MW-25		1/23/2006	NA	0.1	<1.0	3.7	<0.2	180	<2.0	550	0.00	7.99	173.0	NM	NM
MW-25		2/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.25	122.0	NM	NM
MW-25		3/28/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.60	136.0	NM	NM
MW-25		4/26/2006	NA	0.8	<1.0	3.7	<0.2	160	<2.0	530	0.03	8.38	175.0	NM	NM
MW-25		5/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	8.56	126.0	NM	NM

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SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-25		6/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.44	122.0	NM	NM
MW-25		8/1/2006	NA	NA	<1.0	4.1	<0.2	160	<2.0	520	NM	NM	NM	NM	NM
MW-25	Duplicate	8/1/2006	NA	NA	<1.0	3.9	<0.2	150	<2.0	520	NM	NM	NM	NM	NM
MW-25		8/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	16.16	122.0	NM	NM
MW-25		9/26/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	6.77	88.0	NM	NM
MW-25		10/24/2006	NA	<0.05	<1.0	3.4	<0.2	160	<2.0	520	0.10	7.84	277.0	NM	NM
MW-25		10/24/2006	NA	<0.05	<1.0	3.4	<0.2	160	<2.0	520	0.10	7.84	277.0	NM	NM
MW-25		11/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	7.46	136.0	NM	NM
MW-25		12/27/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	8.92	170.0	NM	NM
MW-25		1/30/2007	NA	0.17	<1.0	3.1	<0.2	140	<1.0	520	0.00	16.61	51.0	NM	NM
MW-25		4/25/2007	NA	0.21	<1.0	3.0	<0.2	140	<1.0	490	NM	7.38	107.0	NM	NM
MW-25		7/25/2007	NA	0.1	<1.0	3.0	<0.2	140	<1.0	480	0.03	0.09	62.0	NM	NM
MW-25		10/24/2007	<0.05	<0.05	<1.0	2.8	<0.2	140	<1.0	510	0.02	7.48	117.0	NM	NM
MW-25		1/30/2008	<0.01	0.03	<0.5	2.4	<0.1	130	2	460	0.10	5.21	88.9	NM	NM
MW-25	Duplicate	1/30/2008	<0.01	0.03	<0.5	2.3	<0.1	120	<2.0	450	0.10	5.21	88.9	NM	NM
MW-25		4/23/2008	<0.01	0.03	<0.48	2.2	<0.1	110	2	440	0.07	5.47	44.8	NM	NM
MW-25	Duplicate	4/23/2008	<0.01	<0.02	<0.48	2.2	<0.1	120	2	460	0.07	5.47	44.8	NM	NM
MW-25		7/31/2008	<0.01	0.04	<0.5	2.2	<0.1	140	2	470	0.02	4.24	-1.7	NM	NM
MW-25		10/15/2008	<0.05	<0.1	<0.01	2.7	<0.25	150	<2.0	490	0.00	NM	119.1	NM	NM
MW-25		1/27/2009	<0.05	<0.1	<0.01	2.3	<0.25	150	<2.0	470	0.02	4.38	-109.0	NM	NM
MW-25		4/29/2009	<0.05	<0.1	<0.01	2.2	<0.25	130	<2.0	470	0.00	4.87	-0.5	NM	NM
MW-25		7/22/2009	<0.05	<0.1	<0.01	1.8	<0.25	140	<2.0	500	0.00	2.94	-92.4	NM	NM
MW-25		10/8/2009	<0.05	<0.1	<0.01	1.8	<0.25	150	<2.0	500	0.08	3.66	-41.0	NM	NM
MW-25		1/21/2010	<0.05	<0.1	<0.01	1.9	<0.25	150	<2.0	480	0.13	3.72	26.0	NM	NM
MW-25		4/14/2010	<0.05	<0.05	<0.01	2.0	<0.25	140	<2.0	500	0.00	7.04	-38.1	NM	NM
MW-25		7/14/2010	<0.05	<0.1	<0.01	1.8	<0.1	280	<3.0	530	0.06	2.94	45.7	NM	NM
MW-25		10/20/2010	<0.05	<0.1	<0.01	1.9	<0.1	140	<3.0	520	0.00	4.44	57.5	NM	NM
MW-25		1/12/2011	1.1	<0.1	<0.01	1.9	<0.1	150	<3.0	510	0.08	4.47	-24.0	NM	NM
MW-25		4/12/2011	<0.05	0.18	<0.01	2.2	<0.1	140	<3.0	510	0.00	5.07	303.1	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-25		7/13/2011	<0.05	<0.1	<0.01	2.3	<0.1	150	<3.0	540	0.02	5.76	52.3	NM	NM
MW-25		10/12/2011	<0.05	<0.1	<0.01	2.4	<0.1	140	<3.0	500	0.04	5.80	23.7	NM	NM
MW-25		1/18/2012	<0.05	<0.1	<0.01	2.4	<0.1	150	<3.0	510	0.00	11.74	59.1	NM	NM
MW-25		4/4/2012	<0.05	<0.1	<0.01	2.3	<0.1	160	<3.0	510	0.04	5.29	90.1	NM	NM
MW-25		7/12/2012	<0.05	0.34	<0.01	2.2	<0.1	150	<3.0	530	NM	10.43	102.3	NM	NM
MW-25		10/25/2012	<0.05	<0.1	<0.01	2.5	<0.1	150	<3.0	530	0.00	4.87	34.8	NM	NM
MW-25		1/25/2013	<0.05	<0.1	<0.01	2.7	<0.1	150	<3.0	770	0.10	7.20	-405.6	NM	NM
MW-25	Duplicate	1/25/2013	<0.05	<0.1	0.011	2.7	<0.1	150	<3.0	520	0.10	7.20	-405.6	NM	NM
MW-25		4/18/2013	3.2	45	<0.01	2.4	<0.1	140	<3.0	550	0.00	9.88	-54.0	NM	NM
MW-25		7/11/2013	<0.05	0.12	<0.01	2.6	<0.1	150	<3.0	580	0.00	6.47	267.2	NM	NM
MW-25		10/9/2013	NA	<0.1	<0.01	2.5	<0.1	150	NA	530	0.07	6.41	213.6	<0.64	NM
MW-25		1/13/2014	NA	<0.1	<0.01	2.6	<0.1	160	NA	560	0.21	6.77	133.2	<0.64	NM
MW-25		4/23/2014	NA	0.16	<0.01	2.6	<0.1	160	NA	560	0.06	7.00	107.3	<0.64	NM
MW-25		7/18/2014	NA	<0.1	<0.01	2.8	<0.1	160	NA	660	0.06	6.14	114.9	<0.64	NM
MW-25		10/1/2014	NA	<0.1	<0.01	2.6	<0.1	170	NA	560	0.02	5.58	122.0	<0.64	0.0
MW-26		4/27/2005	NA	<0.05	<1.0	3.9	<0.2	270	<2.0	780	0.04	6.18	133.0	NM	NM
MW-26	Duplicate	4/27/2005	NA	<0.05	<1.0	3.8	<0.2	270	<2.0	790	0.04	6.18	133.0	NM	NM
MW-26		5/25/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.19	6.12	128.0	NM	NM
MW-26		6/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.07	6.57	69.0	NM	NM
MW-26		7/27/2005	NA	0.52	1.2	3.8	<0.2	290	<2.0	780	0.03	2.51	85.0	NM	NM
MW-26		8/31/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.01	3.43	204.0	NM	NM
MW-26		9/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.07	1.22	98.0	NM	NM
MW-26		10/26/2005	NA	<0.05	<1.0	3.2	<0.2	270	<2.0	760	0.04	2.66	144.0	NM	NM
MW-26		11/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.02	5.78	148.0	NM	NM
MW-26		12/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	0.08	6.69	107.0	NM	NM
MW-26		1/25/2006	NA	<0.05	<1.0	2.8	<0.2	260	<2.0	750	0.06	3.04	142.0	NM	NM
MW-26		2/22/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	6.63	107.0	NM	NM
MW-26		3/30/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	2.91	216.0	NM	NM
MW-26		4/27/2006	NA	<0.05	<1.0	2.6	<0.2	220	<2.0	690	0.05	2.78	123.0	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-26		5/25/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	3.65	120.0	NM	NM
MW-26		6/29/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	5.04	40.0	NM	NM
MW-26		8/3/2006	NA	<0.05	<1.0	2.1	0.24	220	<2.0	660	NM	NM	NM	NM	NM
MW-26		8/31/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	4.14	45.0	NM	NM
MW-26		9/28/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	0.69	-12.0	NM	NM
MW-26		10/26/2006	NA	0.13	<1.0	1.6	0.31	240	<2.0	700	0.14	0.39	-29.0	NM	NM
MW-26		10/26/2006	NA	0.13	<1.0	1.6	0.31	240	<2.0	700	0.14	0.39	-29.0	NM	NM
MW-26		11/22/2006	NA	NA	NA	NA	NA	NA	NA	NA	NM	3.06	-50.0	NM	NM
MW-26		1/31/2007	NA	0.21	<1.0	2.2	<0.2	190	<1.0	650	0.00	11.25	13.0	NM	NM
MW-26		4/26/2007	NA	<0.05	<1.0	2.0	0.33	210	<1.0	640	0.04	5.61	56.0	NM	NM
MW-26		7/26/2007	NA	0.11	<1.0	1.5	0.29	200	<1.0	650	0.15	0.21	-129.0	NM	NM
MW-26		10/25/2007	<0.5	0.09	<1.0	1.1	0.29	240	5.6	670	0.10	0.61	-121.0	NM	NM
MW-26	Duplicate	10/25/2007	<0.05	0.092	<1.0	1.1	0.26	240	5.6	610	0.10	0.61	-121.0	NM	NM
MW-26		1/31/2008	<0.01	<0.02	<0.5	1.2	0.11	180	2	560	0.04	1.78	-16.8	NM	NM
MW-26		4/24/2008	<0.01	<0.02	<0.48	1.1	0.3	200	3	570	0.01	0.64	-49.5	NM	NM
MW-26		8/1/2008	<0.01	0.24	0.76	<1.0	0.13	210	<2.0	610	0.17	0.35	-297.0	NM	NM
MW-26		10/16/2008	0.065	0.33	<0.01	0.4	<0.25	260	<2.0	680	0.24	NM	-187.0	NM	NM
MW-26		1/29/2009	0.12	0.16	<0.01	0.7	<0.25	230	<2.0	610	0.25	0.17	-158.7	NM	NM
MW-26		4/30/2009	0.1	0.19	<0.01	0.3	<0.25	230	<2.0	640	0.19	0.73	-147.0	NM	NM
MW-26		7/23/2009	0.075	<0.1	<0.01	0.4	<0.25	230	<2.0	650	0.12	0.58	-172.4	NM	NM
MW-26		10/8/2009	<0.05	<0.1	<0.01	<0.25	<0.25	240	<2.0	670	0.00	0.90	-182.0	NM	NM
MW-26		1/21/2010	0.068	0.12	<0.01	0.3	<0.25	220	<2.0	630	0.14	0.20	-249.0	NM	NM
MW-26		4/14/2010	0.077	0.12	<0.01	<0.25	<0.25	200	<2.0	620	0.13	0.63	-157.7	NM	NM
MW-26		7/14/2010	0.13	<0.1	<0.01	0.1	0.11	250	<3.0	660	0.07	0.15	-221.0	NM	NM
MW-26		10/21/2010	0.15	<0.1	<0.01	0.1	0.14	220	<3.0	610	0.08	0.09	-212.8	NM	NM
MW-26		1/13/2011	0.11	<0.1	<0.01	<0.1	<0.1	200	<3.0	600	0.05	0.36	-234.3	NM	NM
MW-26		4/13/2011	0.16	<0.1	<0.01	1.8	0.19	190	<3.0	560	0.01	2.22	-11.6	NM	NM
MW-26		7/14/2011	0.2	<0.1	<0.01	<0.1	<0.1	170	<3.0	570	0.08	0.82	-175.8	NM	NM
MW-26		10/13/2011	0.96	<0.1	<0.01	0.1	0.12	160	<3.0	530	0.00	0.88	-60.7	NM	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-26		1/19/2012	0.17	<0.1	<0.01	0.1	<0.1	150	<3.0	520	0.00	9.24	-9.2	NM	NM
MW-26		4/6/2012	0.11	<0.1	<0.01	<0.1	<0.1	150	<3.0	450	0.11	0.76	-162.0	NM	NM
MW-26		7/13/2012	0.14	<0.1	<0.01	<0.1	<0.1	140	<3.0	510	NM	2.94	-232.5	NM	NM
MW-26		10/26/2012	0.11	<0.1	<0.01	0.2	<0.1	110	<3.0	430	NM	1.93	-205.1	NM	NM
MW-26	Duplicate	10/26/2012	0.098	<0.1	<0.01	0.5	<0.1	100	<3.0	440	NM	1.93	-205.1	NM	NM
MW-26		1/29/2013	0.14	<0.1	<0.01	0.1	<0.1	120	<3.0	470	0.07	0.54	-345.4	NM	NM
MW-26		4/22/2013	0.053	<0.1	<0.01	<0.1	<0.1	110	<3.0	470	0.05	NM	NM	NM	NM
MW-26		7/12/2013	0.17	<0.1	<0.01	<0.1	<0.1	130	<3.0	500	0.09	0.38	-174.1	NM	NM
MW-26		10/10/2013	NA	<0.1	0.024	<0.1	<0.1	110	NA	470	0.00	0.49	-137.0	1.28 to 1.92	NM
MW-26		1/20/2014	NA	<0.1	0.044	0.2	<0.1	110	NA	460	0.00	1.00	-93.1	<0.64	NM
MW-26		4/25/2014	NA	<0.1	0.069	0.2	<0.1	98	NA	440	0.00	0.93	-205.8	0.64 to 1.28	NM
MW-26		7/22/2014	NA	<0.1	0.18	<0.1	<0.1	61	NA	380	0.00	0.56	-273.4	0.64 to 1.28	NM
MW-26		10/7/2014	NA	<0.1	0.24	0.1	<0.1	99	NA	440	0.08	0.30	-202.3	0.64 to 1.28	0.3
MW-27		1/21/2014	NA	0.6	<0.01	6.8	<0.1	260	NA	800	0.04	6.46	130.1	<0.64	NM
MW-27		4/24/2014	NA	0.19	<0.01	7.3	<0.1	250	NA	870	NM	6.65	96.1	<0.64	NM
MW-27		7/21/2014	NA	3.5	<0.01	7.4	<0.1	280	NA	830	0.02	5.35	139.5	<0.64	NM
MW-27	Duplicate	7/21/2014	NA	0.99	<0.01	7.6	<0.1	280	NA	830	0.02	5.35	139.5	<0.64	NM
MW-27		10/6/2014	NA	<0.1	<0.01	6.6	<0.1	260	NA	890	0.01	4.20	83.6	<0.64	0.0
MW-28		1/21/2014	NA	0.19	<0.01	4.2	<0.1	250	NA	770	0.25	7.38	127.5	<0.64	NM
MW-28		4/24/2014	NA	0.16	<0.01	3.9	<0.1	280	NA	840	0.31	5.99	58.1	<0.64	NM
MW-28		7/21/2014	NA	0.49	<0.01	3.8	<0.1	300	NA	810	0.25	5.54	126.5	<0.64	NM
MW-28		10/3/2014	NA	0.45	<0.01	3.9	<0.1	260	NA	760	0.03	3.94	113.7	<0.64	0.0
MW-28	Duplicate	10/3/2014	NA	0.53	<0.01	3.8	<0.1	250	NA	760	0.03	3.94	113.7	<0.64	0.0
MW-29D		1/21/2014	NA	0.79	<0.01	2.5	<0.1	250	NA	740	0.00	4.57	114.7	<0.64	NM
MW-29D		4/28/2014	NA	0.63	<0.01	2.5	<0.1	250	NA	750	0.01	5.06	105.2	<0.64	NM
MW-29D		7/21/2014	NA	0.35	<0.01	2.3	<0.1	260	NA	770	0.03	4.33	133.8	<0.64	NM
MW-29D		10/6/2014	NA	0.85	<0.01	2.3	<0.1	260	NA	880	0.00	2.68	48.9	<0.64	0.0
MW-29M		1/21/2014	NA	1.6	<0.01	2.7	<0.1	240	NA	750	0.00	5.70	124.4	<0.64	NM
MW-29M		4/28/2014	NA	1.8	<0.01	3.6	<0.1	280	NA	780	0.33	4.80	107.5	<0.64	NM

Table 8
Historical Monitored Natural Attenuation Data
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Date	Laboratory analytical results								Field measurements				
			Iron, ferrous (mg/L)	Iron, total (mg/L)	Methane (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Sulfite (mg/L)	TDS (mg/L)	Iron, ferrous (mg/L)	DO (mg/L)	ORP (mV)	Sulfite (mg/L)	Manganese (mg/L)
EPA MCL (mg/L)			**N/A**	**0.3**	**N/A**	**10**	**1**	**250**	**N/A**	**500**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
MW-29M		7/21/2014	NA	0.42	<0.01	3.6	<0.1	310	NA	800	0.41	2.68	129.1	<0.64	NM
MW-29M		10/6/2014	NA	0.34	<0.01	2.6	<0.1	250	NA	850	0.00	2.65	56.5	<0.64	0.3
MW-29S		1/21/2014	NA	0.91	<0.01	4.5	<0.1	350	NA	890	0.27	2.77	119.5	<0.64	NM
MW-29S		4/28/2014	NA	0.5	<0.01	4.2	<0.1	350	NA	980	0.00	1.83	113.8	<0.64	NM
MW-29S		7/21/2014	NA	0.5	<0.01	3.8	<0.1	380	NA	950	0.00	1.08	105.9	<0.64	NM
MW-29S		10/6/2014	NA	0.18	<0.01	3.1	<0.1	360	NA	1100	0.23	0.46	11.8	<0.64	0.0
MW-29S	Duplicate	10/6/2014	NA	0.2	<0.01	3.2	<0.1	360	NA	1000	0.23	0.46	11.8	<0.64	0.0
MW-30		1/21/2014	NA	0.19	<0.01	2.7	<0.1	180	NA	540	0.00	7.34	125.5	<0.64	NM
MW-30	Duplicate	1/21/2014	NA	0.22	<0.01	2.7	<0.1	180	NA	530	0.00	7.34	125.5	<0.64	NM
MW-30		4/23/2014	NA	<0.1	<0.01	2.2	<0.1	170	NA	590	0.00	5.44	108.9	<0.64	NM
MW-30		7/22/2014	NA	0.26	<0.01	1.9	<0.1	170	NA	590	0.00	3.51	128.1	<0.64	NM
MW-30		10/7/2014	NA	0.57	0.015	2.1	<0.1	170	NA	620	0.10	2.67	39.5	<0.64	0.0

NOTES
· EPA MCL = Environmental Protection Agency Maximum Contaminant Level.
· TDS = total dissolved solids.
· DO = dissolved oxygen.
· ORP = oxidation reduction potential.
· NA = not analyzed.
· NM = not measured.
· ND = not detected.
· < = analyte not detected above indicated detection limit.

Table 9
Groundwater Analytical Results, Second Quarter 2015
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Sample date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**N/A**	**N/A**	**N/A**
MW-01		4/21/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-02		4/21/2015	<1.0	<5.0	<1.0	<3.0	14	1.5	<1.0	<1.0	<5.0	9.9
MW-04		4/21/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-05		4/21/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-06		4/21/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-13		4/17/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-14		4/17/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-16		4/23/2015	**41**	<5.0	<1.0	<3.0	160	<1.0	<1.0	<1.0	<5.0	730
MW-16	Duplicate	4/23/2015	**60**	<5.0	<1.0	<3.0	140	<1.0	<1.0	<1.0	<5.0	750
MW-17		4/23/2015	4.52	<5.0	5.98	17.9	20,000	<1.0	2.83	1.28	<5.0	10,000
MW-18		4/22/2015	**110**	330	59	1,000	6,500	<5.0	<5.0	<5.0	<25	5,400
MW-18	Duplicate	4/22/2015	**96**	310	63	1,100	5,300	<5.0	<5.0	<5.0	<25	2,500
MW-19		4/23/2015	<1.0	<5.0	<1.0	28	150	<1.0	<1.0	<1.0	<5.0	<25
MW-20		4/21/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-21		4/23/2015	1.4	<5.0	<1.0	<3.0	6,600	<1.0	<1.0	<1.0	<5.0	14,000
MW-22		4/22/2015	<1.0	<5.0	<1.0	<3.0	<1.0	1.0	<1.0	<1.0	<5.0	<5.0
MW-24		4/22/2015	<5.0	<25	<5.0	<15	120	<5.0	<5.0	<5.0	<25	930
MW-25		4/17/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-26		4/22/2015	<5.0	<25	<5.0	<15	600	<5.0	<5.0	<5.0	<25	6,100
MW-26	Duplicate	4/22/2015	2.9	<5.0	<1.0	<3.0	810	<1.0	<1.0	<1.0	<5.0	6,400
MW-27		4/20/2015	<1.0	<5.0	<1.0	<3.0	<1.0	1.1	<1.0	<1.0	<5.0	<5.0
MW-28		4/20/2015	<1.0	<5.0	<1.0	<3.0	<1.0	1.72	<1.0	<1.0	<5.0	<5.0
MW-29D		4/20/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-29M		4/20/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
MW-29S		4/20/2015	<50	<250	<50	<150	4,700	<50	<50	<50	<250	<250
MW-30		4/22/2015	<1.0	<5.0	<1.0	<3.0	40	<1.0	<1.0	<1.0	<5.0	5,200
EB-1	Equip. blank	4/17/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
EB-2	Equip. blank	4/22/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
EB-3	Equip. blank	4/23/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
Trip Blank	Trip blank	4/17/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
Trip Blank	Trip blank	4/20/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
Trip Blank	Trip blank	4/21/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
Trip Blank	Trip blank	4/22/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
Trip Blank	Trip blank	4/23/2015	<1.0	<5.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
A-039A		*4/22/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	***20***	*1.9*	*<2.0*	*<5.0*	*<50*
A-039A	*Duplicate*	*4/22/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	***21***	*2.0*	*<2.0*	*0.44*	*<50*
R-067A		*4/22/2015*	***5.1***	*<2.0*	*<2.0*	*<10*	*24,000*	***9.7***	*<2.0*	*<2.0*	*1.1*	*89*

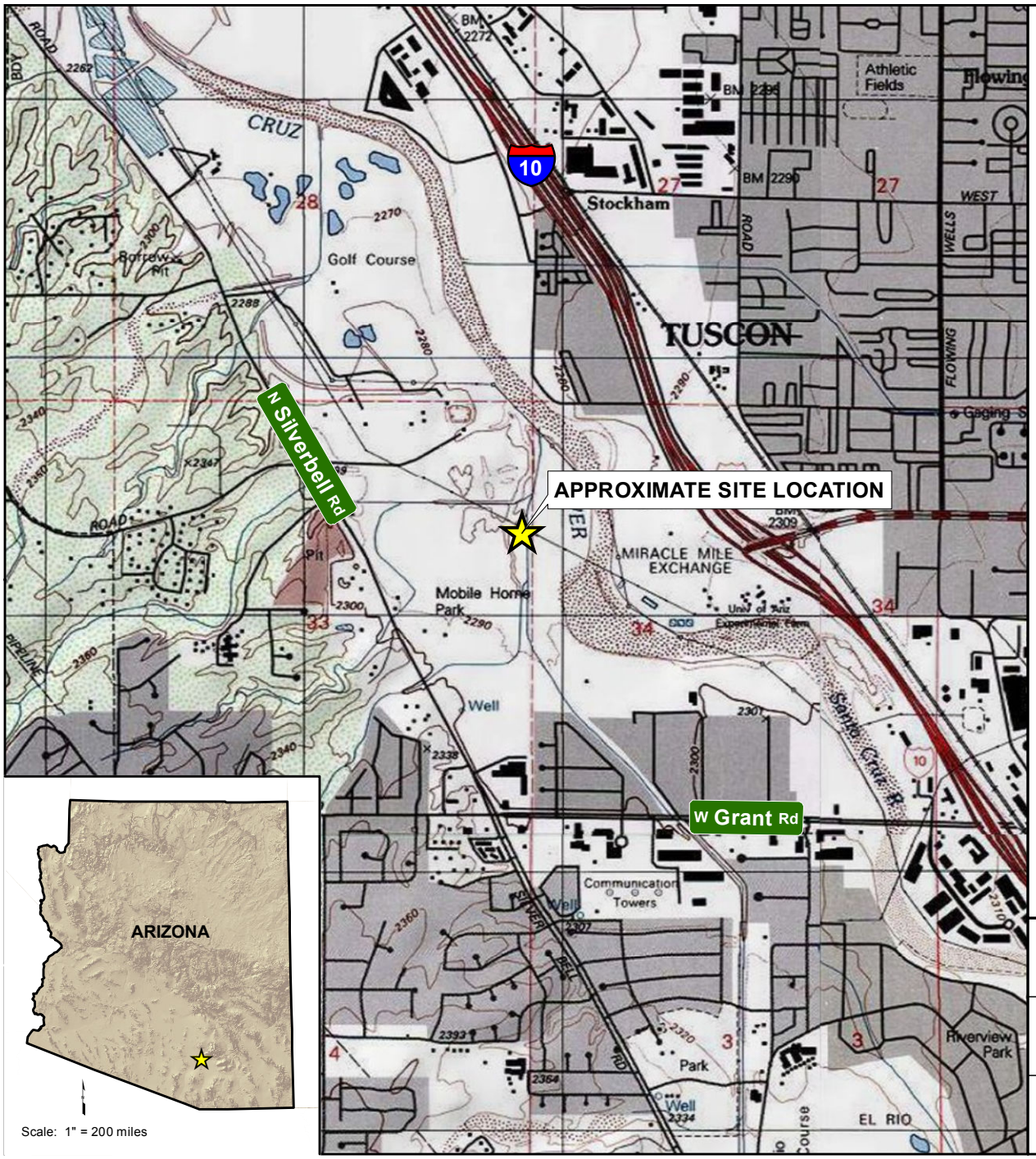
Table 9
Groundwater Analytical Results, Second Quarter 2015
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

Well ID	QC sample	Sample date	Benzene	Toluene	Ethylbenzene	Xylenes, total	MTBE	PCE	TCE	C12DCE	CCl_2F_2	TBA
Arizona AWQS (µg/L)			**5**	**1,000**	**700**	**10,000**	**N/A**	**5**	**5**	**N/A**	**N/A**	**N/A**
R-122A		*4/22/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*1.4*	*<2.0*	*0.27*	*0.76*	*<50*
WR-242A		*4/22/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	*0.43*	***16***	*0.45*	*<2.0*	*0.51*	*<50*
WR-359A		*4/23/2015*	*0.66*	*<2.0*	*<2.0*	*<10*	*110,000*	*0.9*	*<2.0*	*<2.0*	*0.28*	*2,800*
WR-430A		*4/23/2015*	*0.32*	*<2.0*	*<2.0*	*<10*	*26,000*	***8.1***	*<2.0*	*<2.0*	*1.3*	*870*
WR-463A		*4/21/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	*<1.0*	*<2.0*	*<2.0*	*<2.0*	*<5.0*	*<50*
WR-464A		*4/21/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	*430*	*<2.0*	*<2.0*	*<2.0*	*<5.0*	*<50*
WR-467A		*4/23/2015*	*<2.0*	*<2.0*	*<2.0*	*<10*	*870*	*<2.0*	*<2.0*	*<2.0*	*<5.0*	*56*

NOTES

· Analytical results are expressed in micrograms per liter (µg/L).
· Results displayed in bold exceed the AWQS.
· Samples displayed in italics indicate wells sampled by the City of Tucson.
· AWQS = Aquifer Water Quality Standard.
· MTBE = methyl tertiary-butyl ether.
· PCE = tetrachloroethene.
· TCE = trichloroethene.
· C12DCE = cis-1,2-dichloroethene.
· CCl_2F_2 = dichlorodifluoromethane.
· TBA = tert-butyl alcohol.
· < = analyte concentration below displayed detection limit.
· ND = analyte not detected; detection limit unknown.
· NA = not analyzed.
· N/A = AWQS not applicable; no standard exists.

Figures



LEGEND

Approximate site location

NOTES

· Topographic map source: ESRI USA Topo Maps.

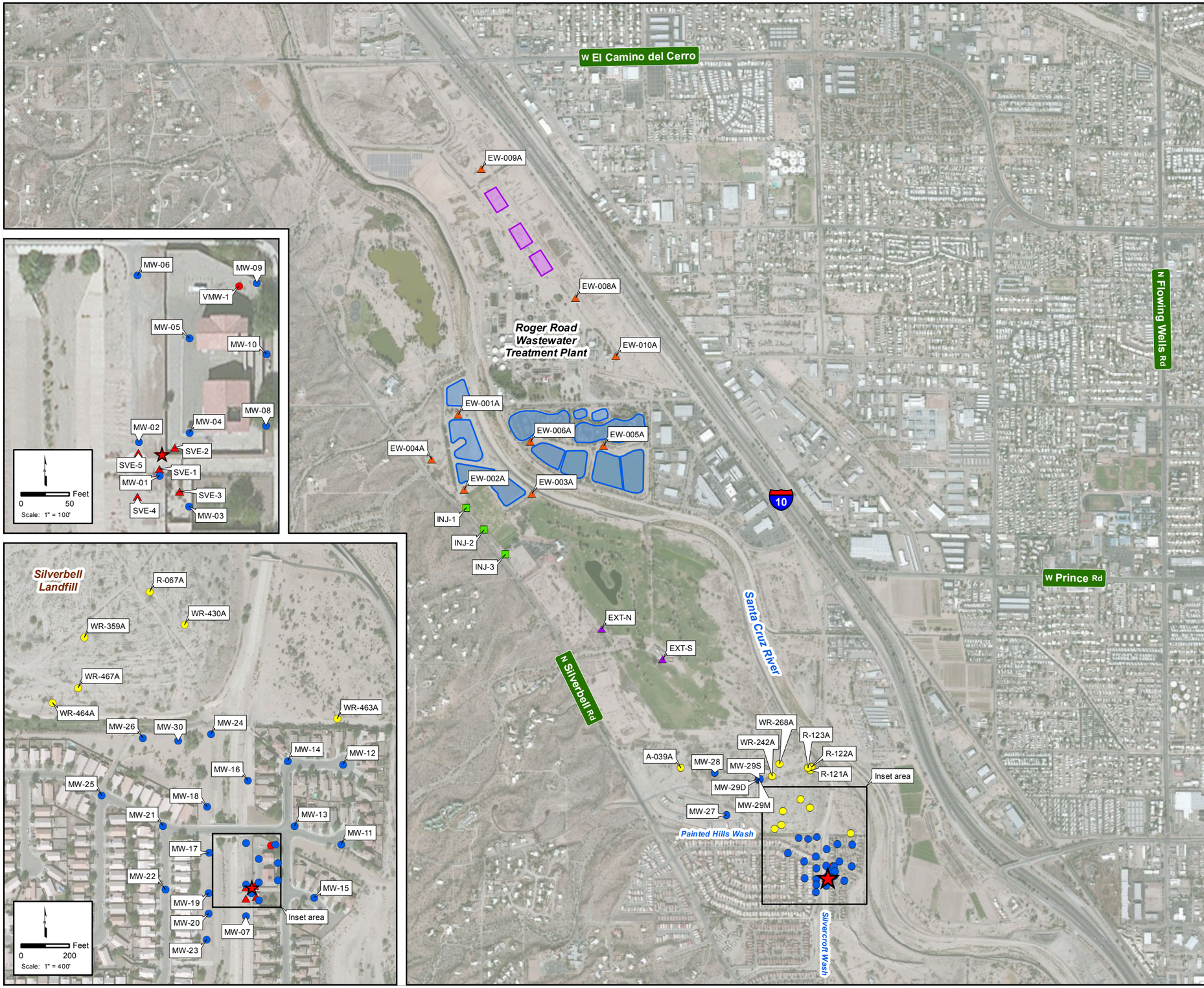
Feet
0 1,000 2,000
Scale: 1" = 2,000'

SILVERCROFT WASH RELEASE SITE
TUCSON, ARIZONA
REMEDIAL INVESTIGATION REPORT

SITE VICINITY MAP

ARCADIS

FIGURE
1



LEGEND

- Silvercroft Wash release site
- Sweetwater Recharge Facility (existing recharge basin)
- Sweetwater Recharge Facility (future recharge basin)
- KM groundwater monitor well
- KM soil vapor monitor well
- KM soil vapor extraction well
- COT groundwater monitor well
- SRF groundwater extraction well
- Proposed COT groundwater extraction well
- Proposed COT groundwater injection well

NOTES

· Aerial photo source: ESRI World Imagery.
· KMEP = Kinder Morgan, Inc.
· COT = City of Tucson.
· SRF = Sweetwater Recharge Facility.

N

Feet
0 750 1,500
Scale: 1" = 1,500'

SILVERCROFT WASH RELEASE SITE
TUCSON, ARIZONA
REMEDIAL INVESTIGATION REPORT

SITE LOCATION MAP

ARCADIS

FIGURE
2

\\Scottsdale-AZ\Project\KMEP (Kinder Morgan Energy Partners)\10022-Silvercroft Wash\GIS\Projects\RI report 2014\Figure 02 site location map.mxd 2/5/2015

Figure 3
Hydrographs of All Wells
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

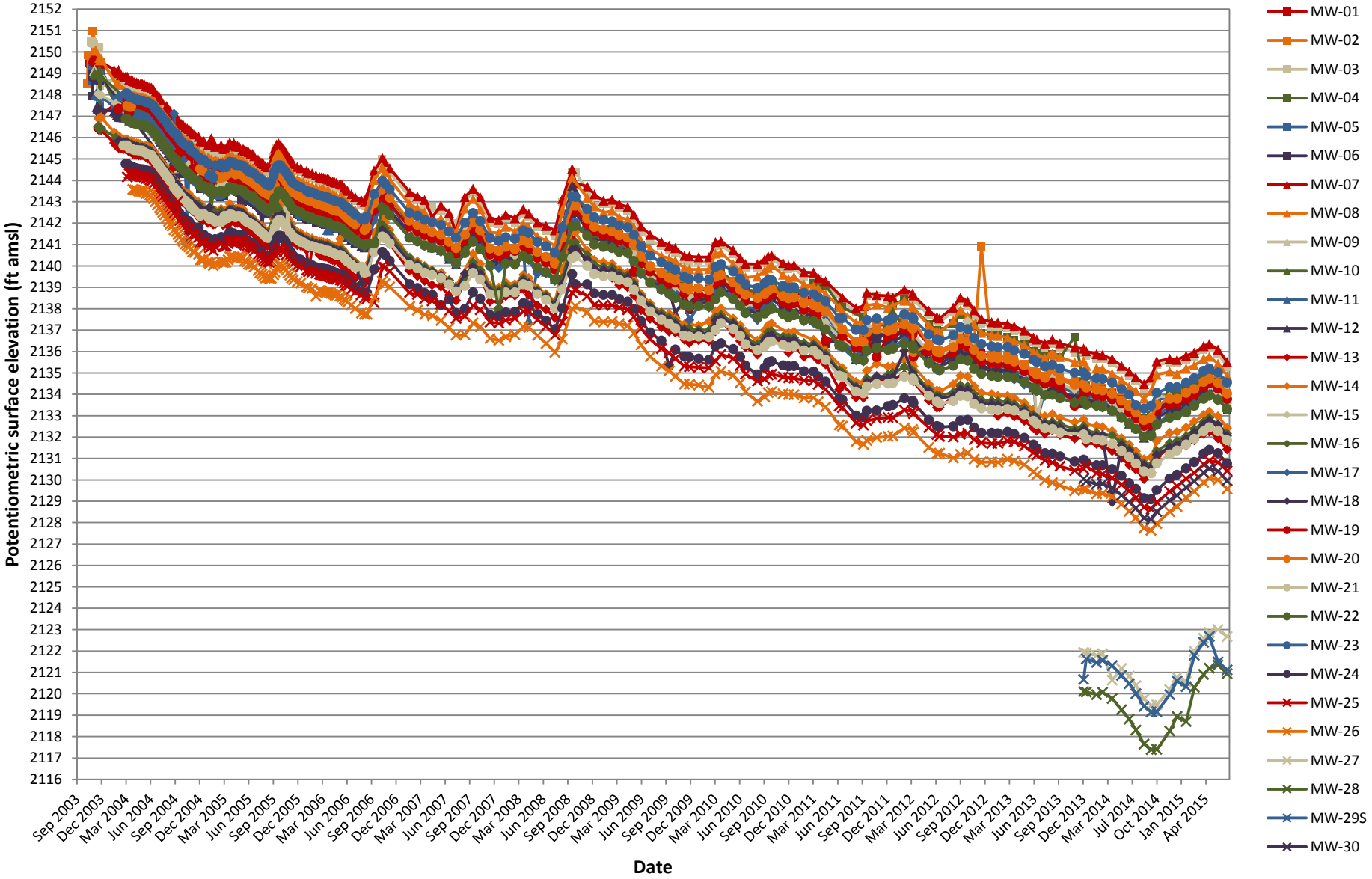


Figure 4
Apparent LNAPL Thickness vs. Time, East Side of Silvercroft Wash
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

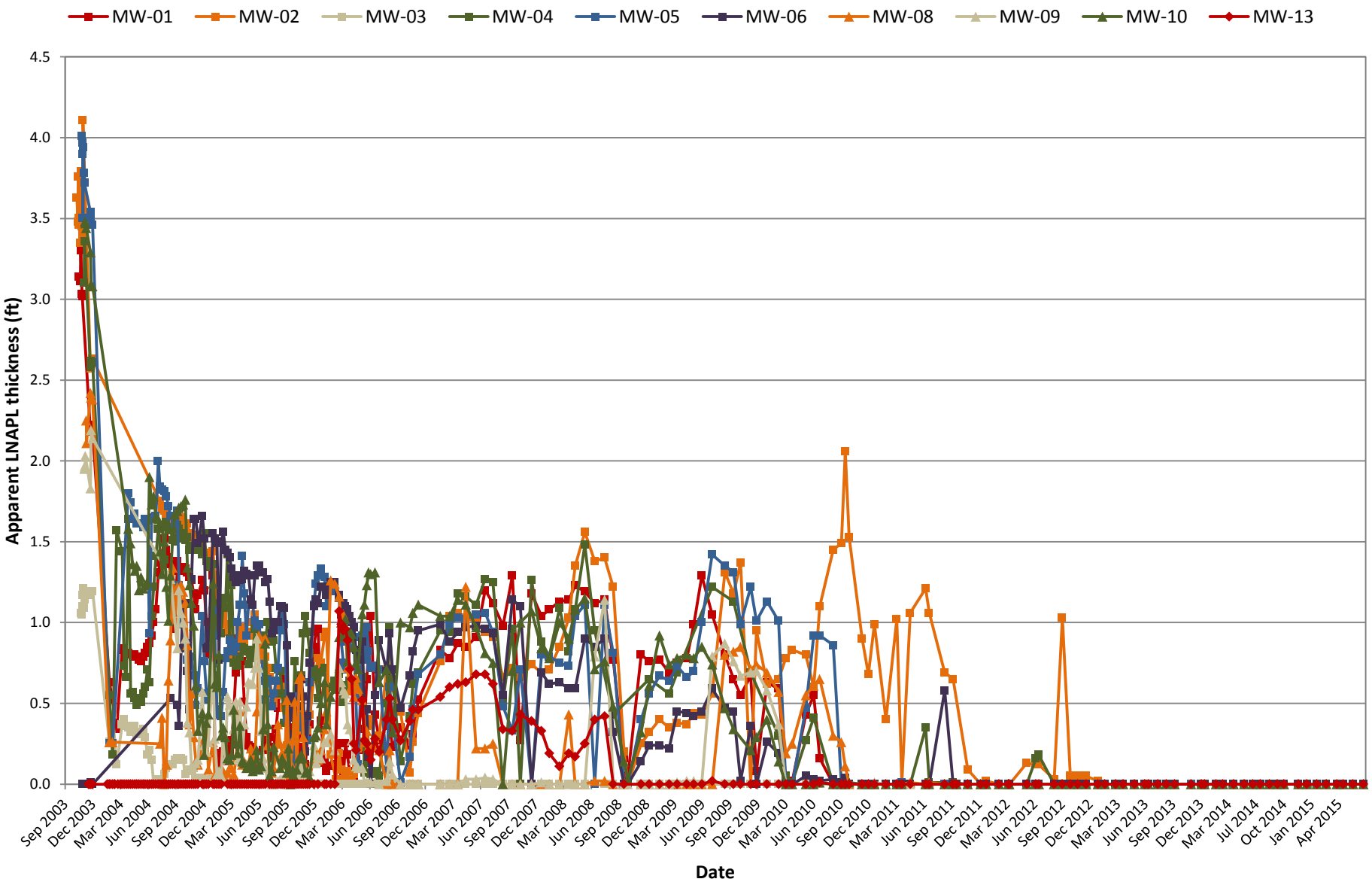
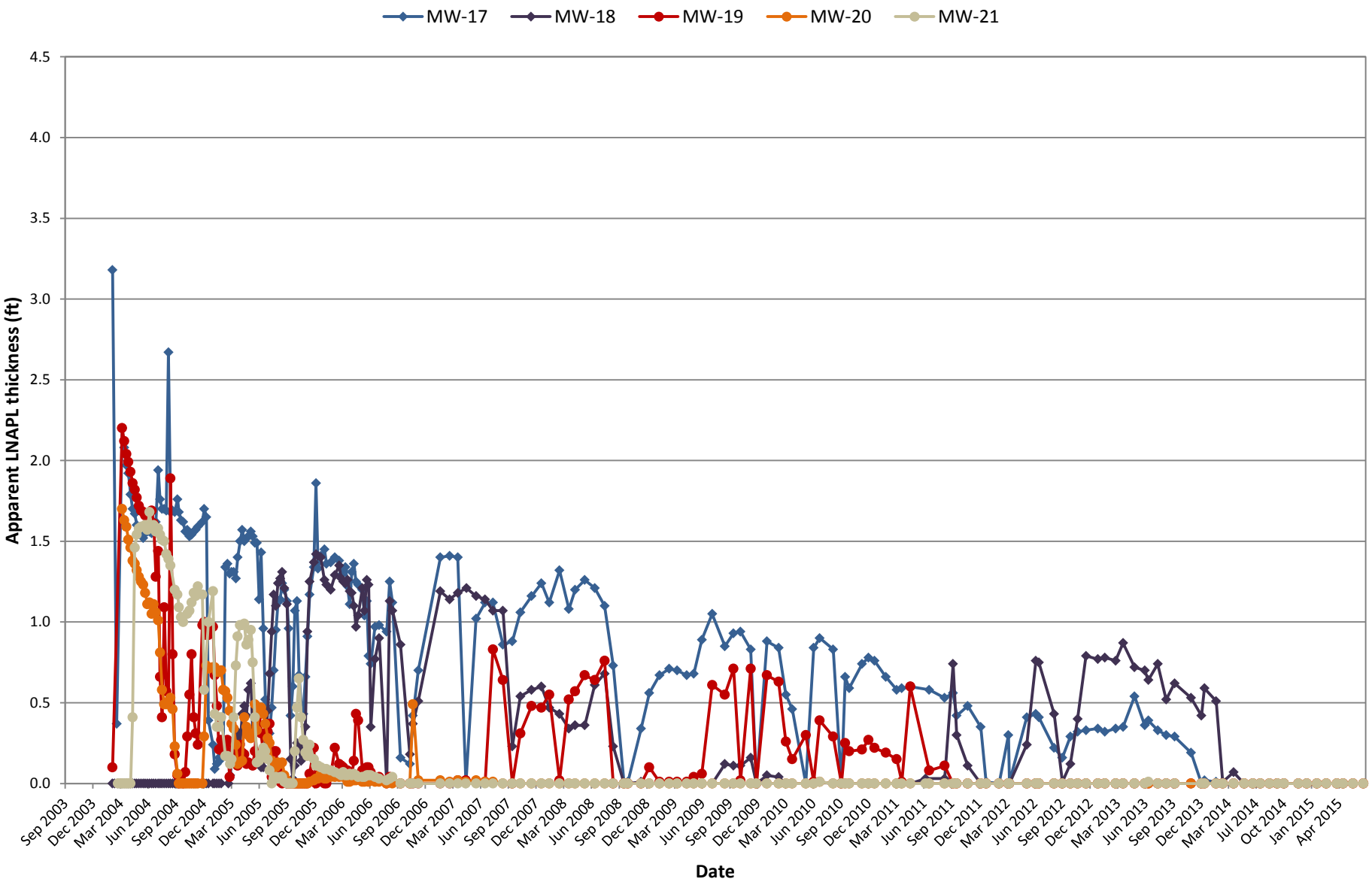
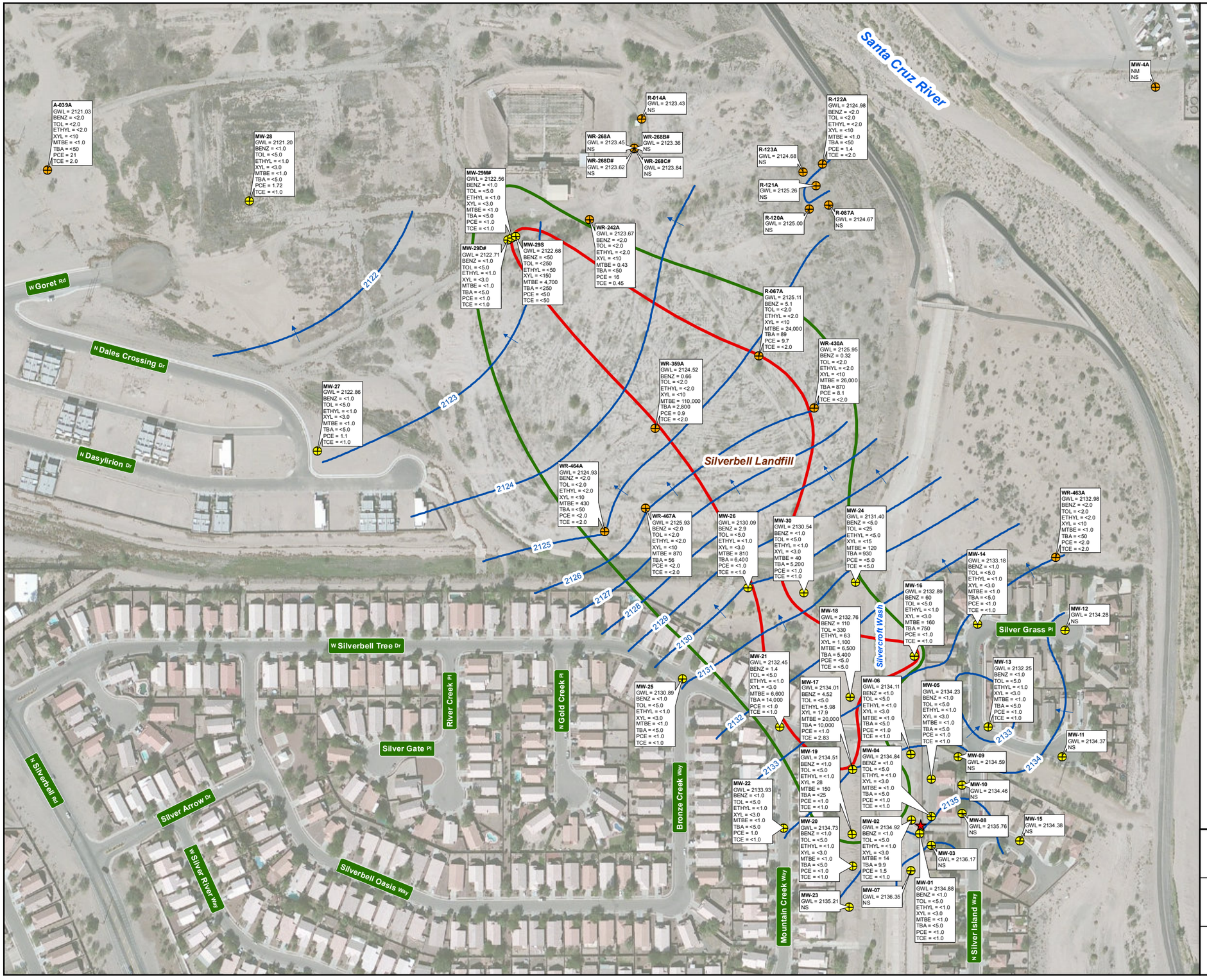


Figure 5
Apparent LNAPL Thickness vs. Time, West Side of Silvercroft Wash
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona





LEGEND

- Release point
- Groundwater monitor well (monitored by ARCADIS)
- Groundwater monitor well (monitored by City of Tucson)
- Groundwater elevation contour
- Direction of groundwater flow
- Approximate extent of dissolved phase BTEX above AWQS
- Approximate extent of dissolved phase MTBE above 20 µg/L

NOTES

- Aerial photo source: ESRI World Imagery.
- Depths to groundwater were measured on 4/16/2015 (ARCADIS wells) and on 4/2/2015 and 4/21/2015 (City of Tucson wells).
- Wells were sampled from 4/17/2015 to 4/23/2015 (ARCADIS wells) and from 4/21/2015 to 4/23/2015 (City of Tucson wells).
- Groundwater elevations are expressed in feet above mean sea level (ft amsl).
- Analytical results are expressed in micrograms per liter (µg/L).
- No wells contained light non-aqueous phase liquid (LNAPL) during the April 2015 monitoring event.
- GWL = groundwater elevation.
- BENZ = benzene.
- TOL = toluene.
- ETHYL = ethylbenzene.
- XYL = total xylenes.
- MTBE = methyl tertiary-butyl ether.
- TBA = tert-butyl alcohol.
- PCE = tetrachloroethene.
- TCE = trichloroethene.
- # = well is screened at a greater depth and is not used in contouring.
- < = analyte not detected above indicated laboratory detection limit.
- NM = not measured.
- NS = not sampled.

N

0 125 250 Feet

Scale: 1" = 250'

SILVERCROFT WASH RELEASE SITE
TUCSON, ARIZONA
REMEDIAL INVESTIGATION REPORT

GROUNDWATER ELEVATION CONTOURS WITH ANALYTICAL RESULTS, SECOND QUARTER 2015

ARCADIS

FIGURE 6

\\Scottsdale-AZ\OfficeData\Project\KMEP (Kinder Morgan Energy Partners)\10022-Silvercroft Wash\GIS\Projects\2015 Q2\Figure 05 GW elevation contours Q2 2015.mxd 8/10/2015

Figure 7
Cumulative LNAPL Extracted vs. Time
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

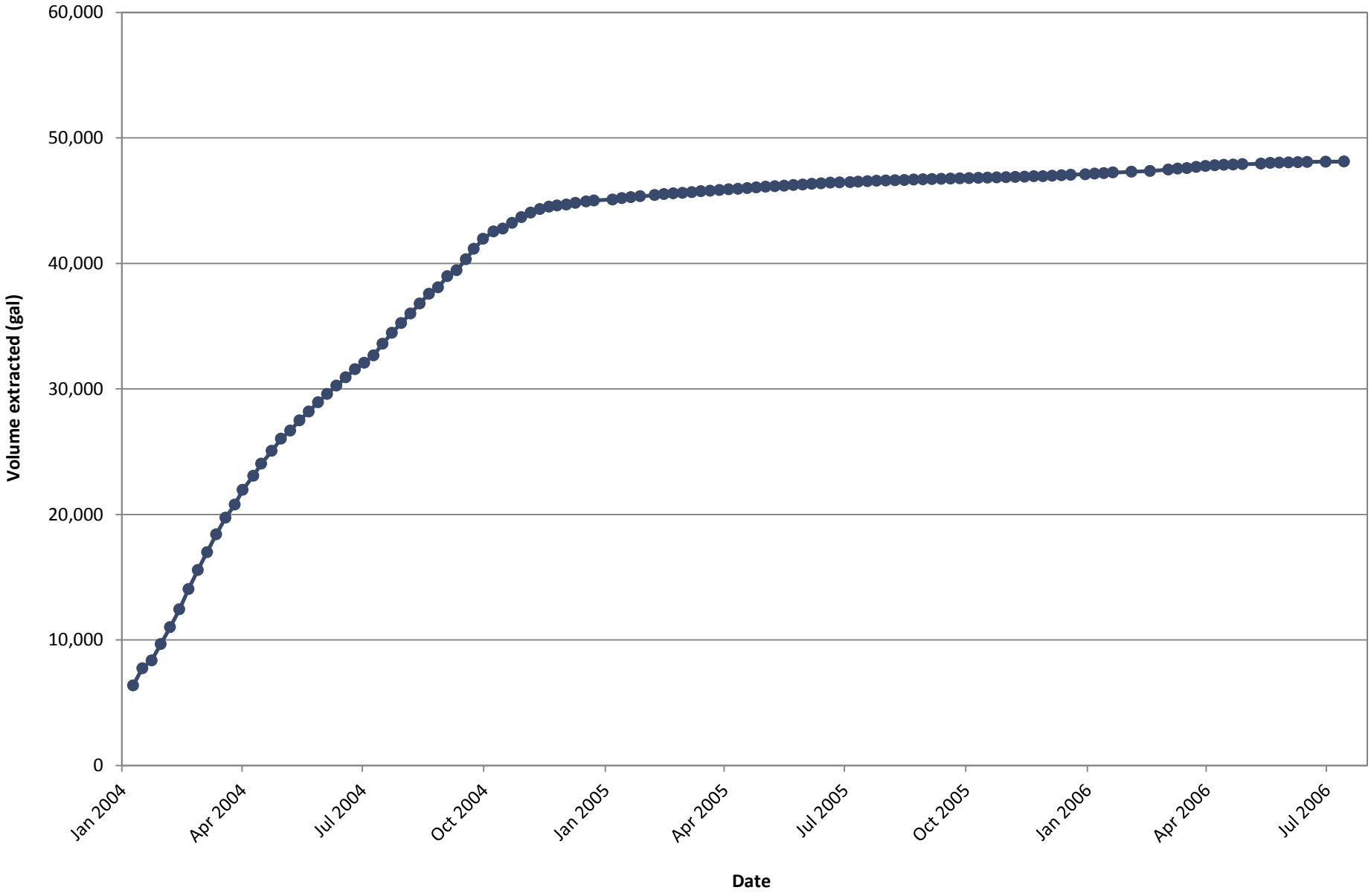
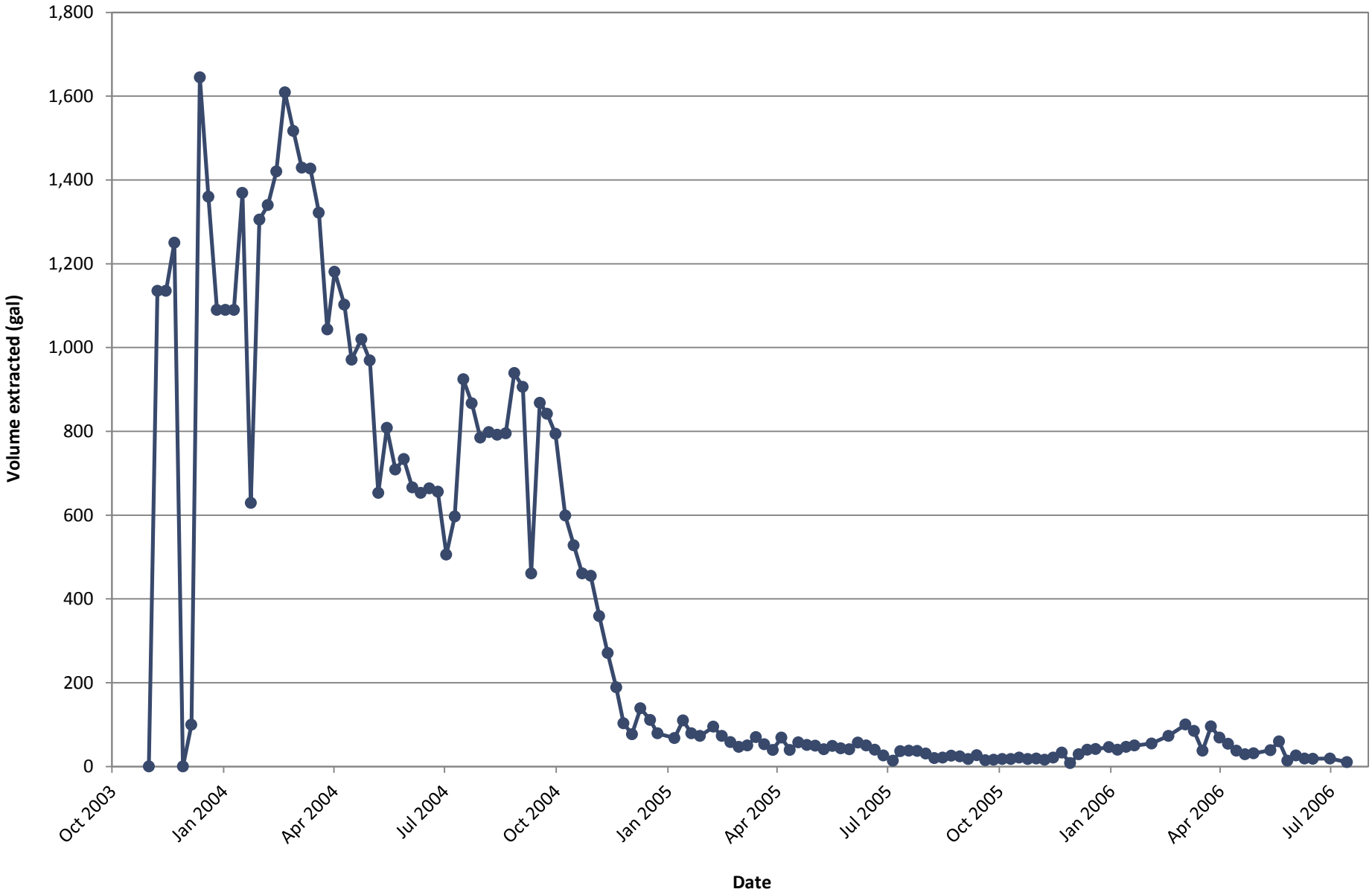
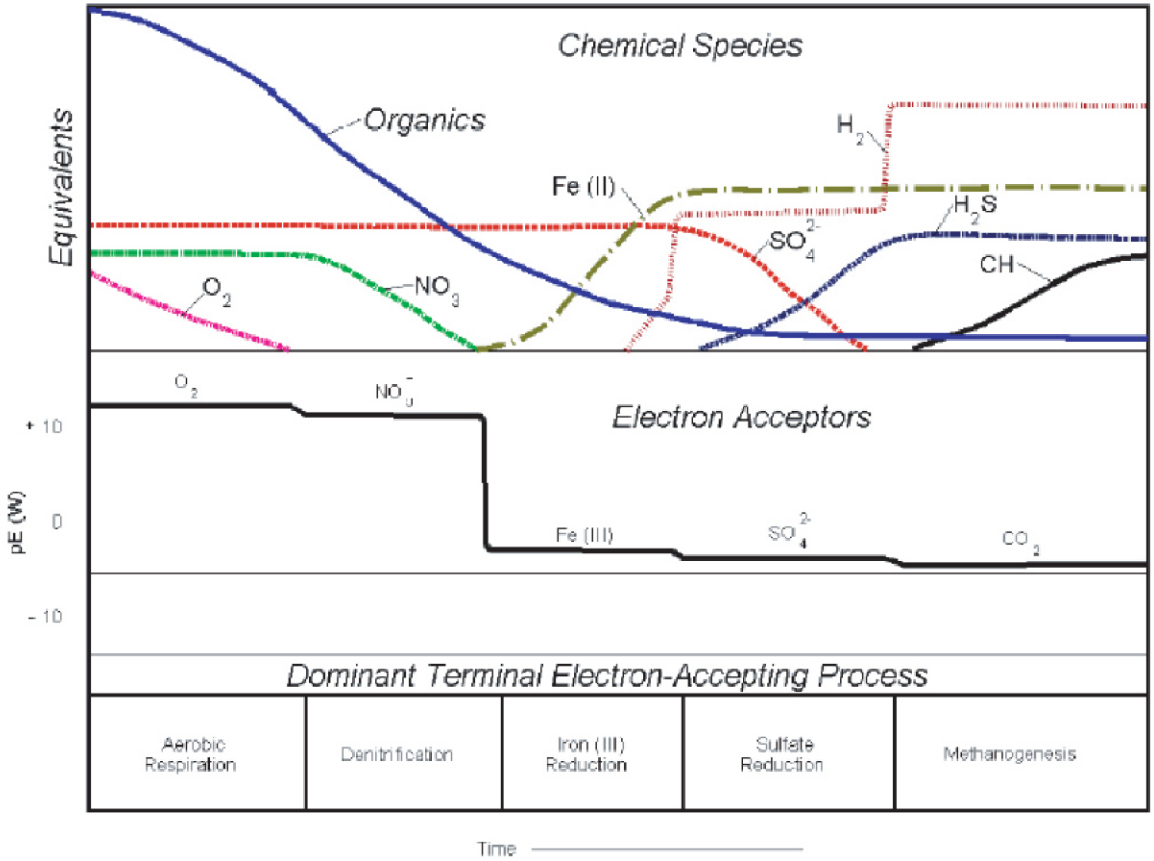


Figure 8
Weekly LNAPL Extracted vs. Time
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona



Geochemical Evolution of Ground Water



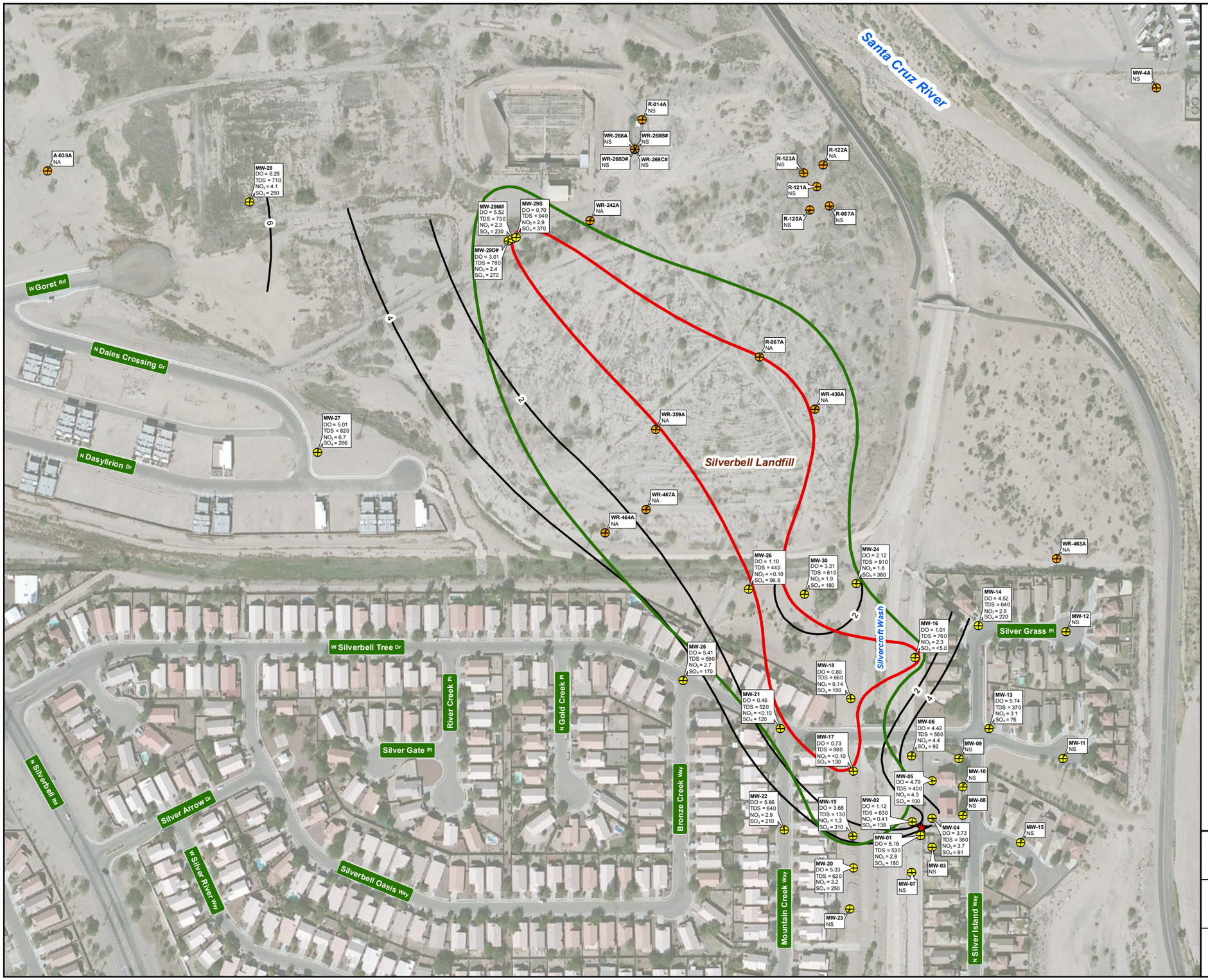
Source: ITRC, 2005 (from Bouwer and McCarthy, 1984)

SILVERCROFT WASH RELEASE SITE
TUCSON, ARIZONA
REMEDIAL INVESTIGATION REPORT

GEOCHEMICAL EVOLUTION OF GROUNDWATER

ARCADIS

FIGURE
9



LEGEND

- Release point
- Groundwater monitor well (monitored by ARCADIS)
- Groundwater monitor well (monitored by City of Tucson)
- DO concentration contour
- Approximate extent of dissolved phase BTEX above AWQS
- Approximate extent of dissolved phase MTBE above 20 µg/L

NOTES

- Aerial photo source: ESRI World Imagery.
- Wells were sampled from 4/17/2015 to 4/23/2015 (ARCADIS wells) and from 4/21/2015 to 4/23/2015 (City of Tucson wells).
- Analytical results are expressed in milligrams per liter (mg/L).
- No wells contained light non-aqueous phase liquid (LNAPL) during the April 2015 monitoring event.
- MNA = monitored natural attenuation.
- DO = dissolved oxygen.
- TDS = total dissolved solids.
- NO_3 = nitrate.
- SO_4 = sulfate.
- # = well is screened at a greater depth and is not used in contouring.
- < = analyte not detected above indicated laboratory detection limit.
- NA = not analyzed for MNA parameters.
- NS = not sampled.

N

Feet
0 125 250
Scale: 1" = 250'

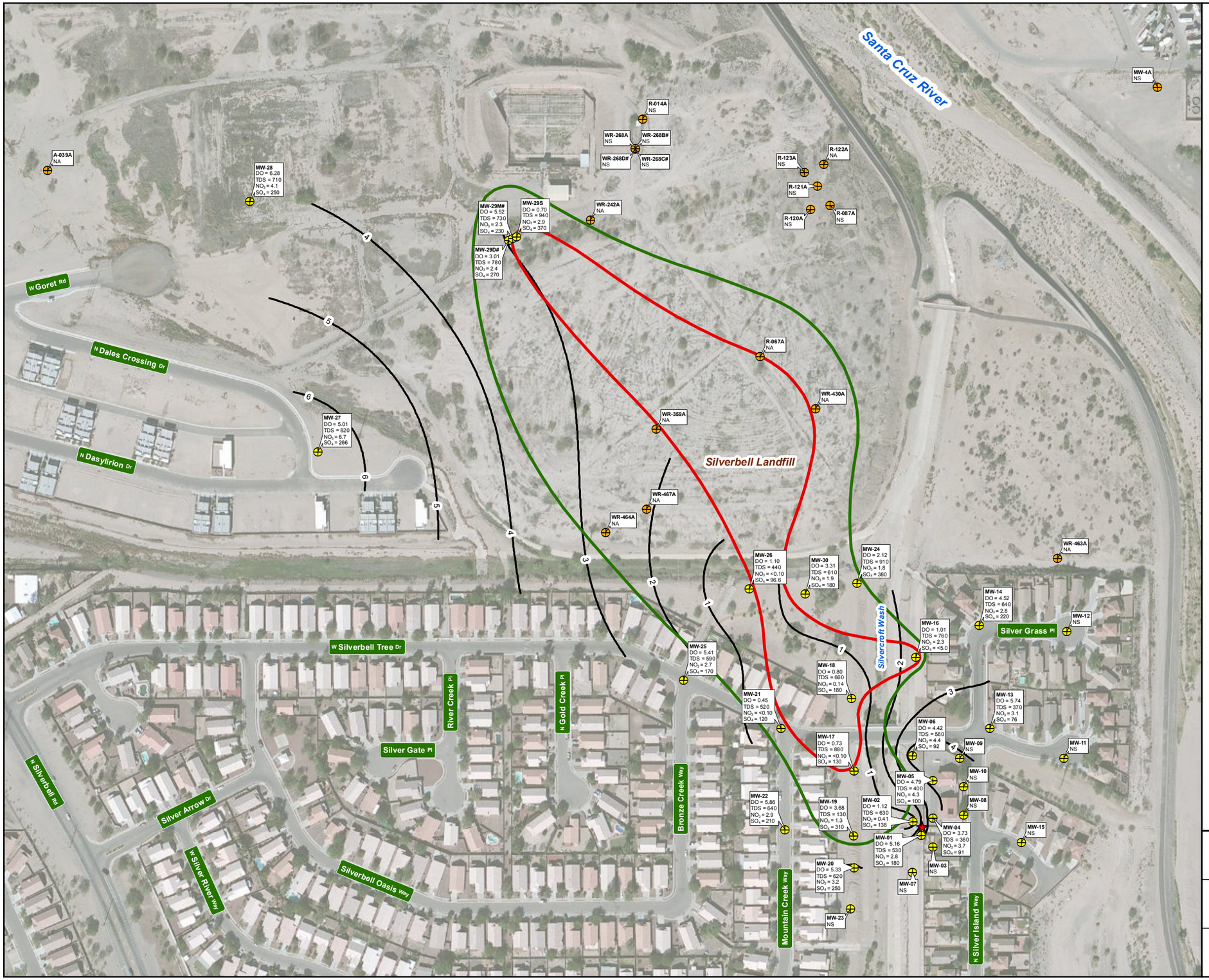
SILVERCROFT WASH RELEASE SITE
TUCSON, ARIZONA
REMEDIAL INVESTIGATION REPORT

DO IN GROUNDWATER CONTOURS WITH MNA ANALYTICAL RESULTS, SECOND QUARTER 2015

ARCADIS

FIGURE
10

\\Scottsdale-AZ\Project\KMEP (Kinder Morgan Energy Partners)\10022-Silvercroft Wash\GIS\Projects\2015 Q2\Figure 07 DO contours Q2 2015.mxd 8/10/2015



LEGEND

- Release point
- Groundwater monitor well (monitored by ARCADIS)
- Groundwater monitor well (monitored by City of Tucson)
- Nitrate concentration contour
- Approximate extent of dissolved phase BTEX above AWQS
- Approximate extent of dissolved phase MTBE above 20 µg/L

NOTES

- Aerial photo source: ESRI World Imagery.
- Wells were sampled from 4/17/2015 to 4/23/2015 (ARCADIS wells) and from 4/21/2015 to 4/23/2015 (City of Tucson wells).
- Analytical results are expressed in milligrams per liter (mg/L).
- No wells contained light non-aqueous phase liquid (LNAPL) during the April 2015 monitoring event.
- MNA = monitored natural attenuation.
- DO = dissolved oxygen.
- TDS = total dissolved solids.
- NO_3 = nitrate.
- SO_4 = sulfate.
- # = well is screened at a greater depth and is not used in contouring.
- < = analyte not detected above indicated laboratory detection limit.
- NA = not analyzed for MNA parameters.
- NS = not sampled.

N

Feet
0 125 250
Scale: 1" = 250'

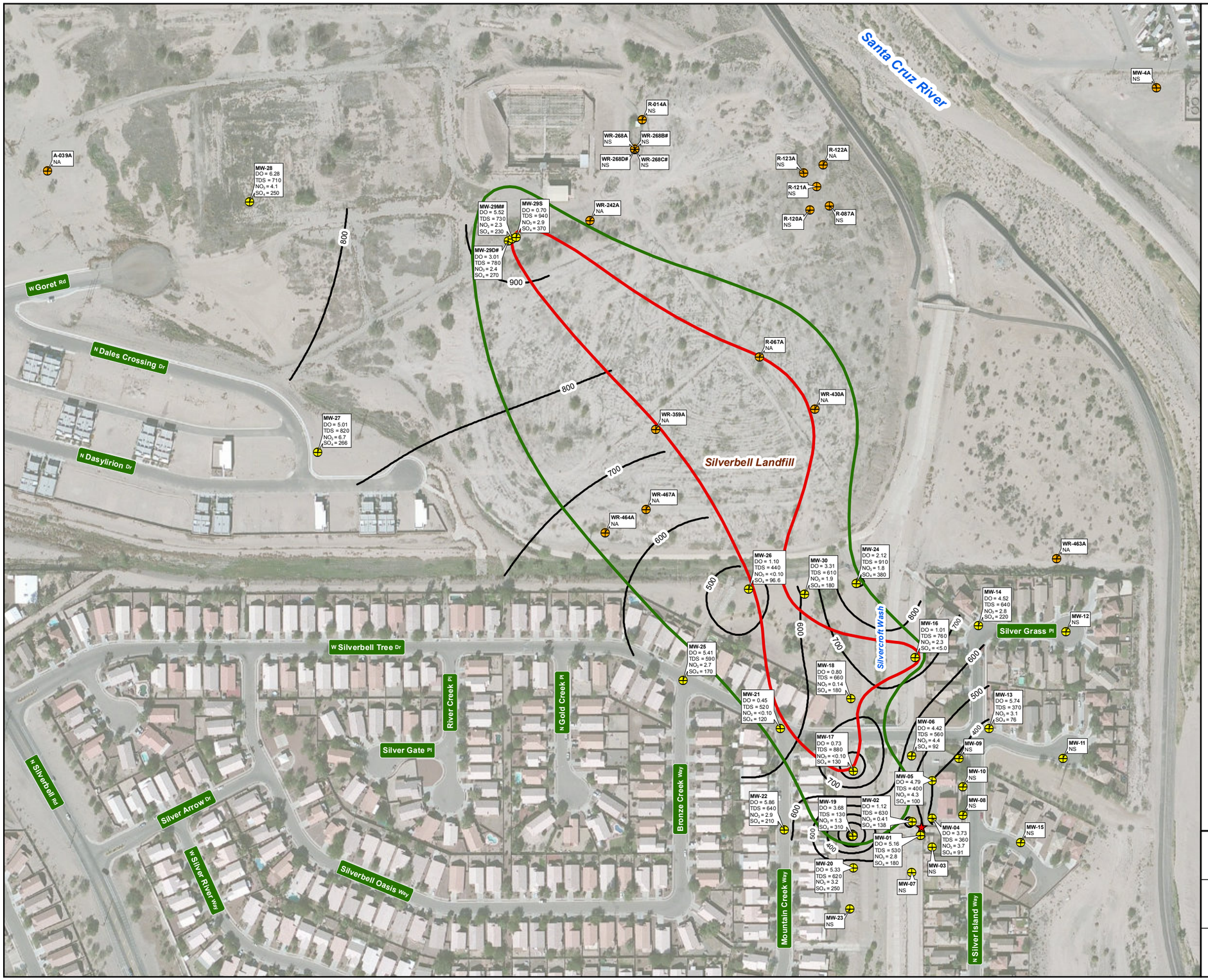
SILVERCROFT WASH RELEASE SITE
TUCSON, ARIZONA
REMEDIAL INVESTIGATION REPORT

NITRATE IN GROUNDWATER CONTOURS WITH MNA ANALYTICAL RESULTS, SECOND QUARTER 2015

ARCADIS

FIGURE
11

\\Scottsdale-AZ\Project\KMEP (Kinder Morgan Energy Partners)\10022-Silvercroft Wash\GIS\Projects\2015 Q2\Figure 09 NO3 contours Q2 2015.mxd 8/10/2015



LEGEND

- Release point
- Groundwater monitor well (monitored by ARCADIS)
- Groundwater monitor well (monitored by City of Tucson)
- TDS concentration contour
- Approximate extent of dissolved phase BTEX above AWQS
- Approximate extent of dissolved phase MTBE above 20 µg/L

NOTES

- Aerial photo source: ESRI World Imagery.
- Wells were sampled from 4/17/2015 to 4/23/2015 (ARCADIS wells) and from 4/21/2015 to 4/23/2015 (City of Tucson wells).
- Analytical results are expressed in milligrams per liter (mg/L).
- No wells contained light non-aqueous phase liquid (LNAPL) during the April 2015 monitoring event.
- MNA = monitored natural attenuation.
- DO = dissolved oxygen.
- TDS = total dissolved solids.
- NO_3 = nitrate.
- SO_4 = sulfate.
- # = well is screened at a greater depth and is not used in contouring.
- < = analyte not detected above indicated laboratory detection limit.
- NA = not analyzed for MNA parameters.
- NS = not sampled.

N

Feet
0 125 250
Scale: 1" = 250'

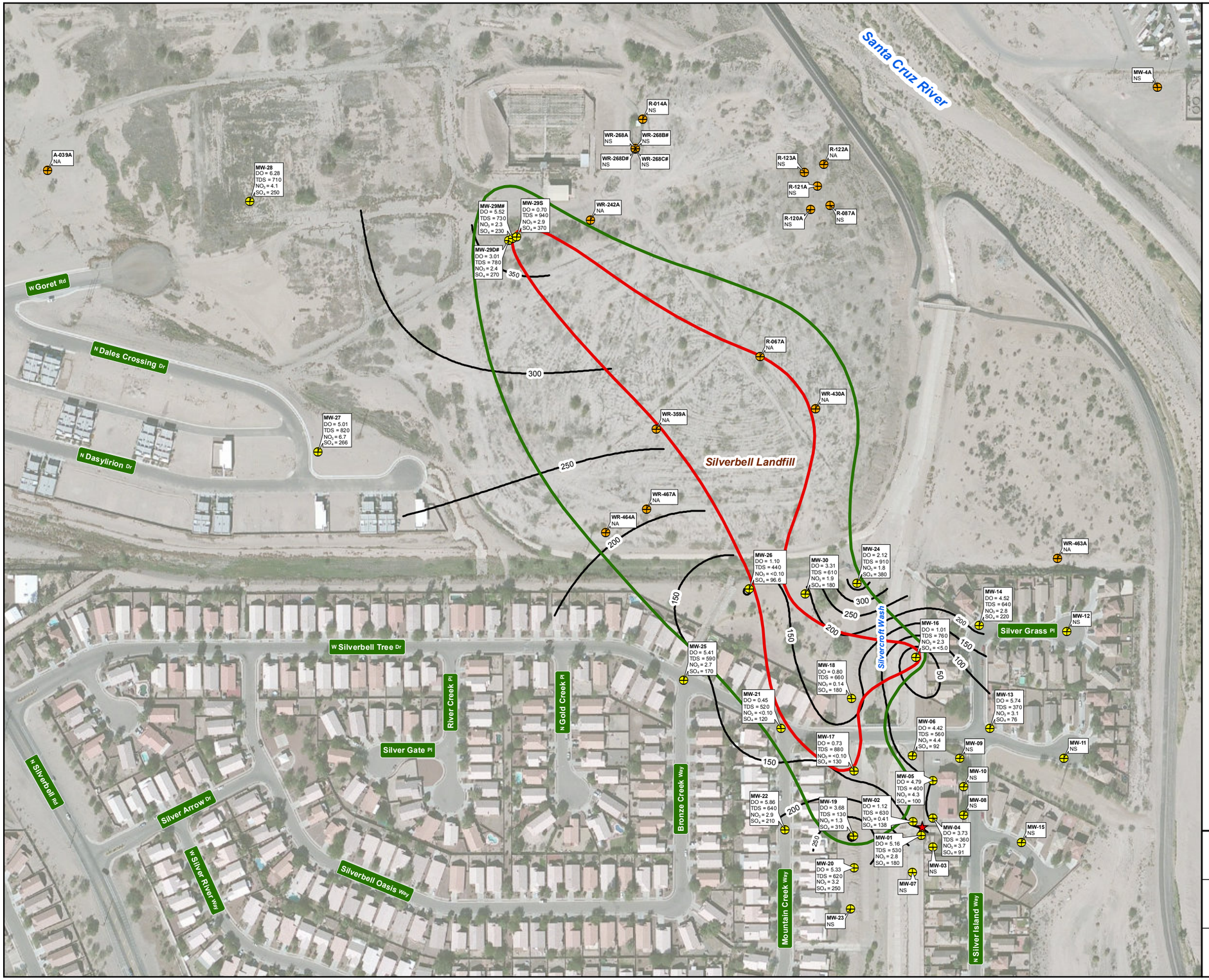
SILVERCROFT WASH RELEASE SITE
TUCSON, ARIZONA
REMEDIAL INVESTIGATION REPORT

TDS IN GROUNDWATER CONTOURS WITH MNA ANALYTICAL RESULTS, SECOND QUARTER 2015

ARCADIS

FIGURE
12

\\Scottsdale-AZ\Project\KMEP (Kinder Morgan Energy Partners)\10022-Silvercroft Wash\GIS\Projects\2015 Q2\Figure 08 TDS contours Q2 2015.mxd 8/10/2015



LEGEND

- Release point
- Groundwater monitor well (monitored by ARCADIS)
- Groundwater monitor well (monitored by City of Tucson)
- Sulfate concentration contour
- Approximate extent of dissolved phase BTEX above AWQS
- Approximate extent of dissolved phase MTBE above 20 µg/L

NOTES

- Aerial photo source: ESRI World Imagery.
- Wells were sampled from 4/17/2015 to 4/23/2015 (ARCADIS wells) and from 4/21/2015 to 4/23/2015 (City of Tucson wells).
- Analytical results are expressed in milligrams per liter (mg/L).
- No wells contained light non-aqueous phase liquid (LNAPL) during the April 2015 monitoring event.
- MNA = monitored natural attenuation.
- DO = dissolved oxygen.
- TDS = total dissolved solids.
- NO_3 = nitrate.
- SO_4 = sulfate.
- # = well is screened at a greater depth and is not used in contouring.
- < = analyte not detected above indicated laboratory detection limit.
- NA = not analyzed for MNA parameters.
- NS = not sampled.

N

Feet
0 125 250
Scale: 1" = 250'

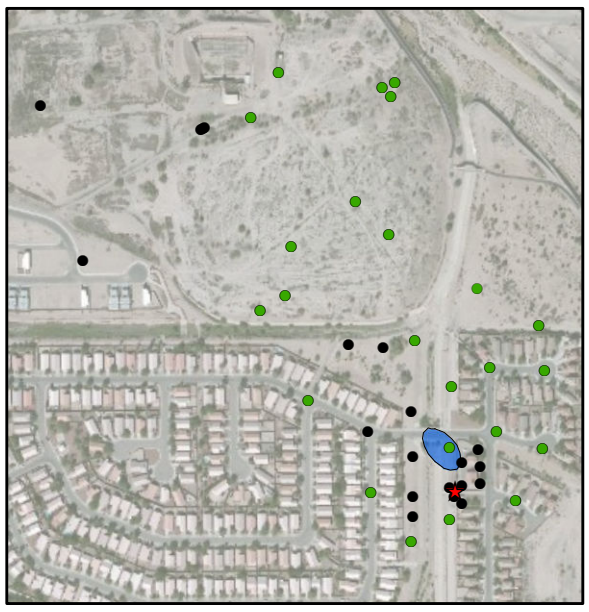
SILVERCROFT WASH RELEASE SITE
TUCSON, ARIZONA
REMEDIAL INVESTIGATION REPORT

SULFATE IN GROUNDWATER CONTOURS WITH MNA ANALYTICAL RESULTS, SECOND QUARTER 2015

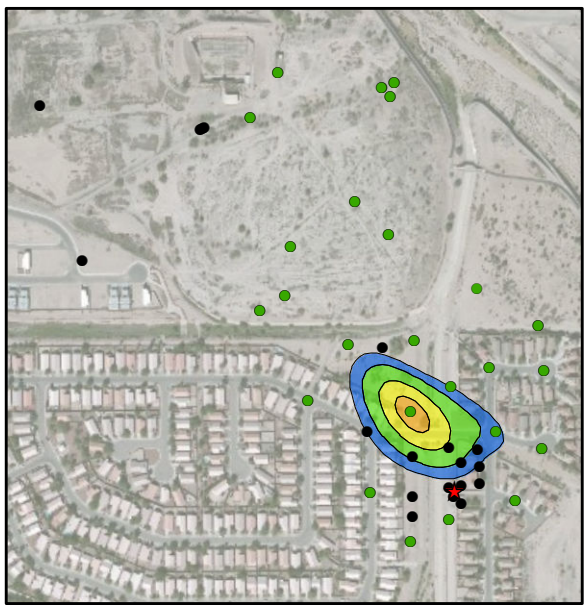
ARCADIS

FIGURE
13

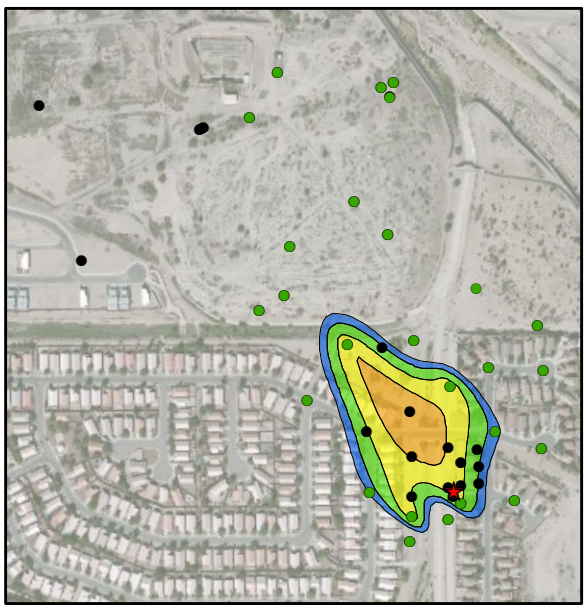
\\Scottsdale-AZ\Project\KMEP (Kinder Morgan Energy Partners)\10022-Silvercroft Wash\GIS\Projects\2015 Q2\Figure 10 SO4 contours Q2 2015.mxd 8/10/2015



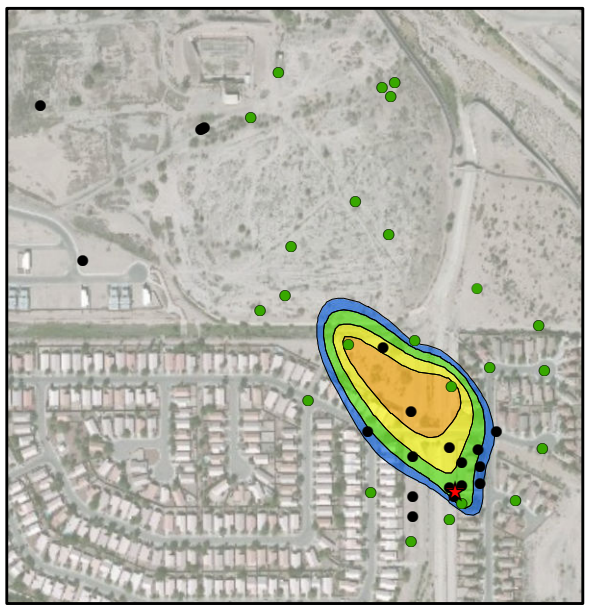
Q4 2003



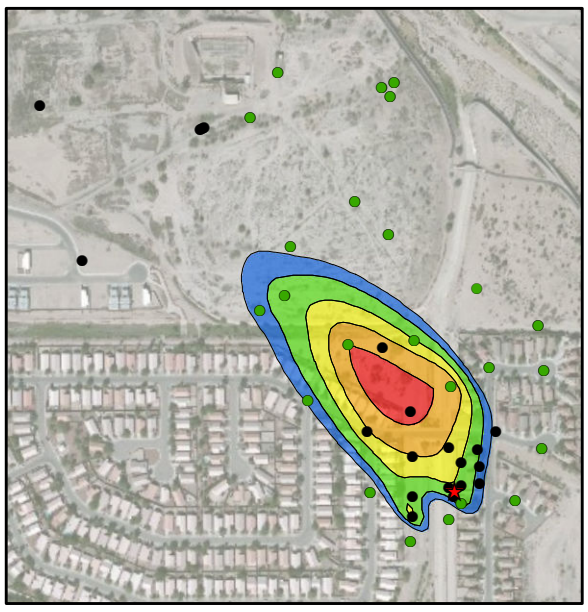
Q4 2004



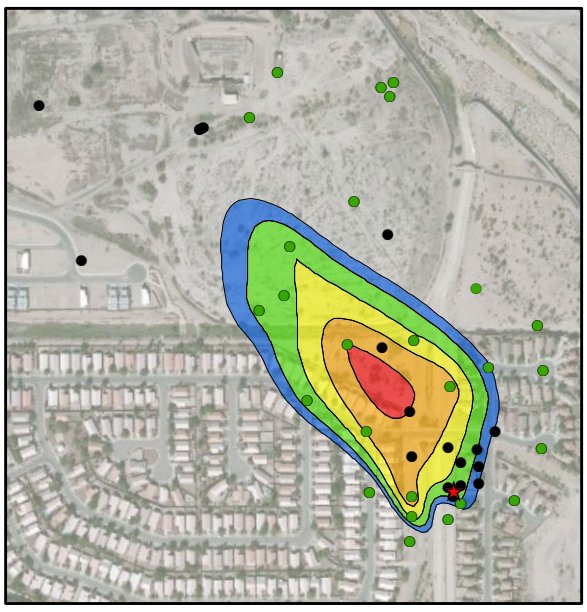
Q4 2005



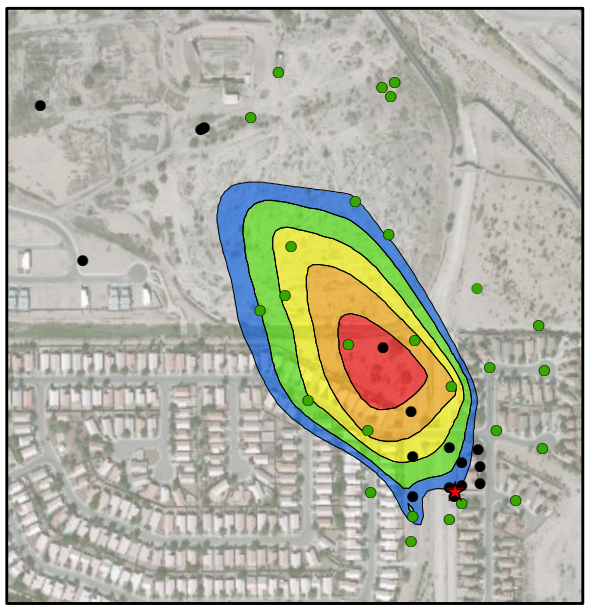
Q4 2006



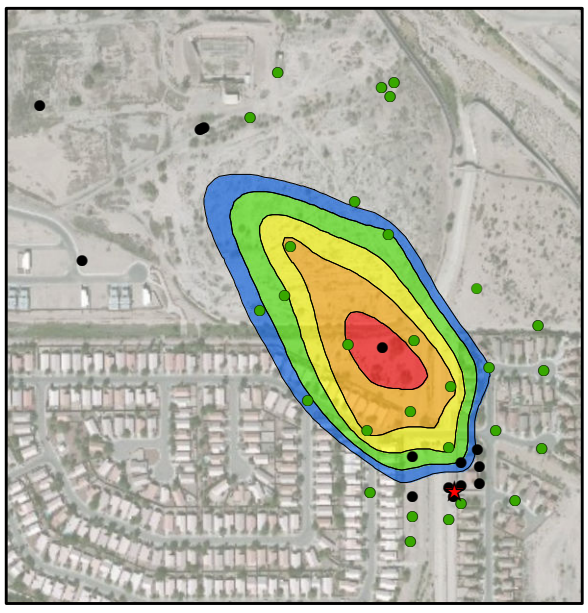
Q4 2007



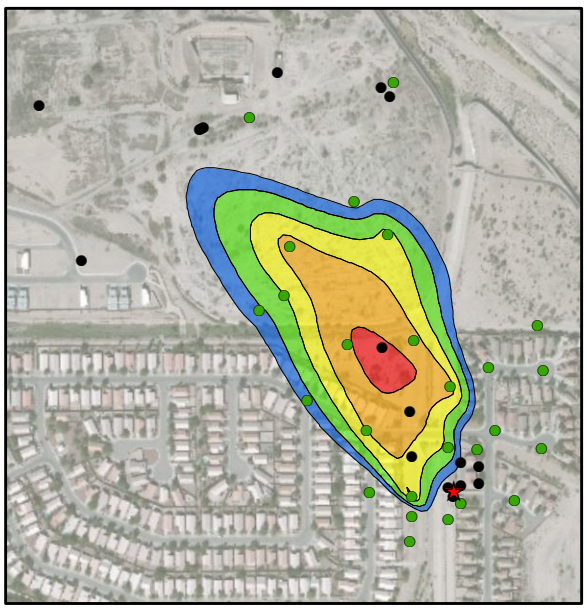
Q4 2008



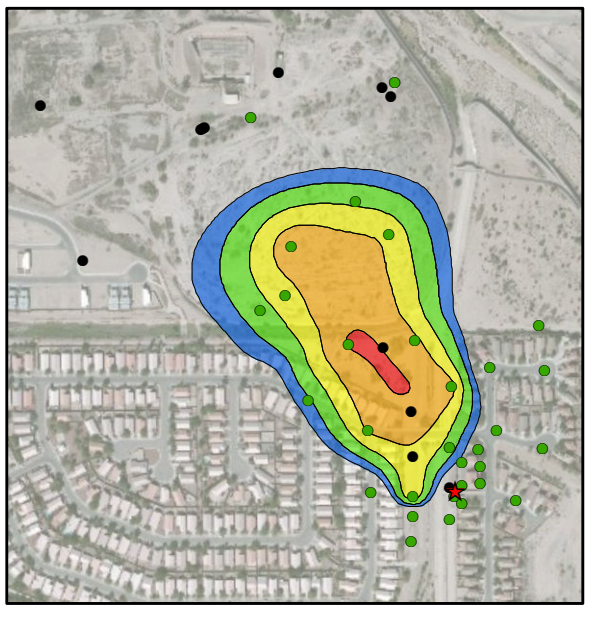
Q4 2009



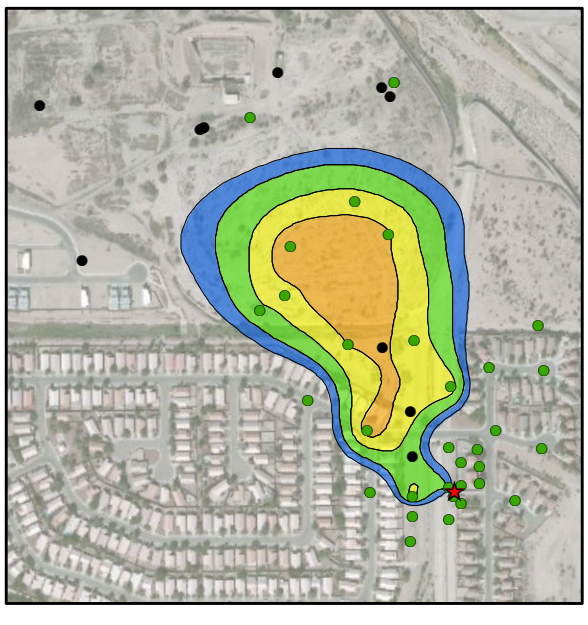
Q4 2010



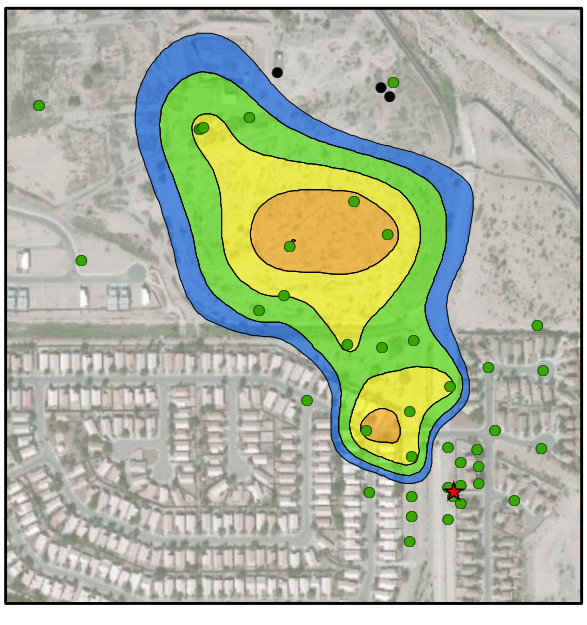
Q4 2011



Q4 2012



Q4 2013



Q4 2014

LEGEND

- Groundwater monitor well (sampled)
- Groundwater monitor well (not sampled)
- Release point

MTBE CONCENTRATIONS

- > 100,000 µg/L
- > 10,000 µg/L
- > 1,000 µg/L
- > 100 µg/L
- > 20 µg/L

NOTES

· Aerial photo source: ESRI World Imagery

Plumes calculated by kriging analytical data.

N

0 300 600 Feet

Scale: 1" = 600'

SILVERCROFT WASH RELEASE SITE
TUCSON, ARIZONA
REMEDIAL INVESTIGATION REPORT

EVOLUTION OF MTBE PLUME, 2003-2014

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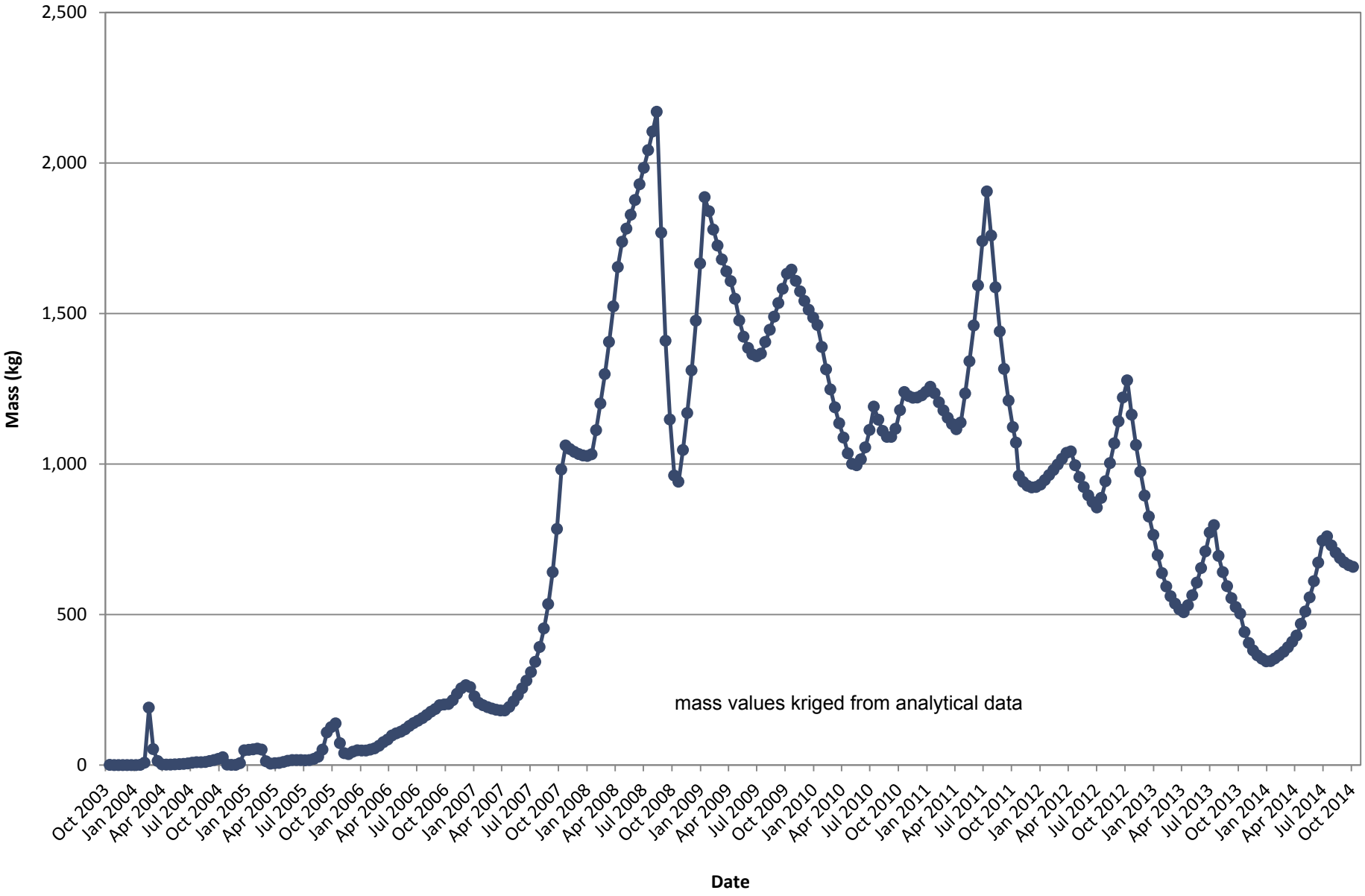
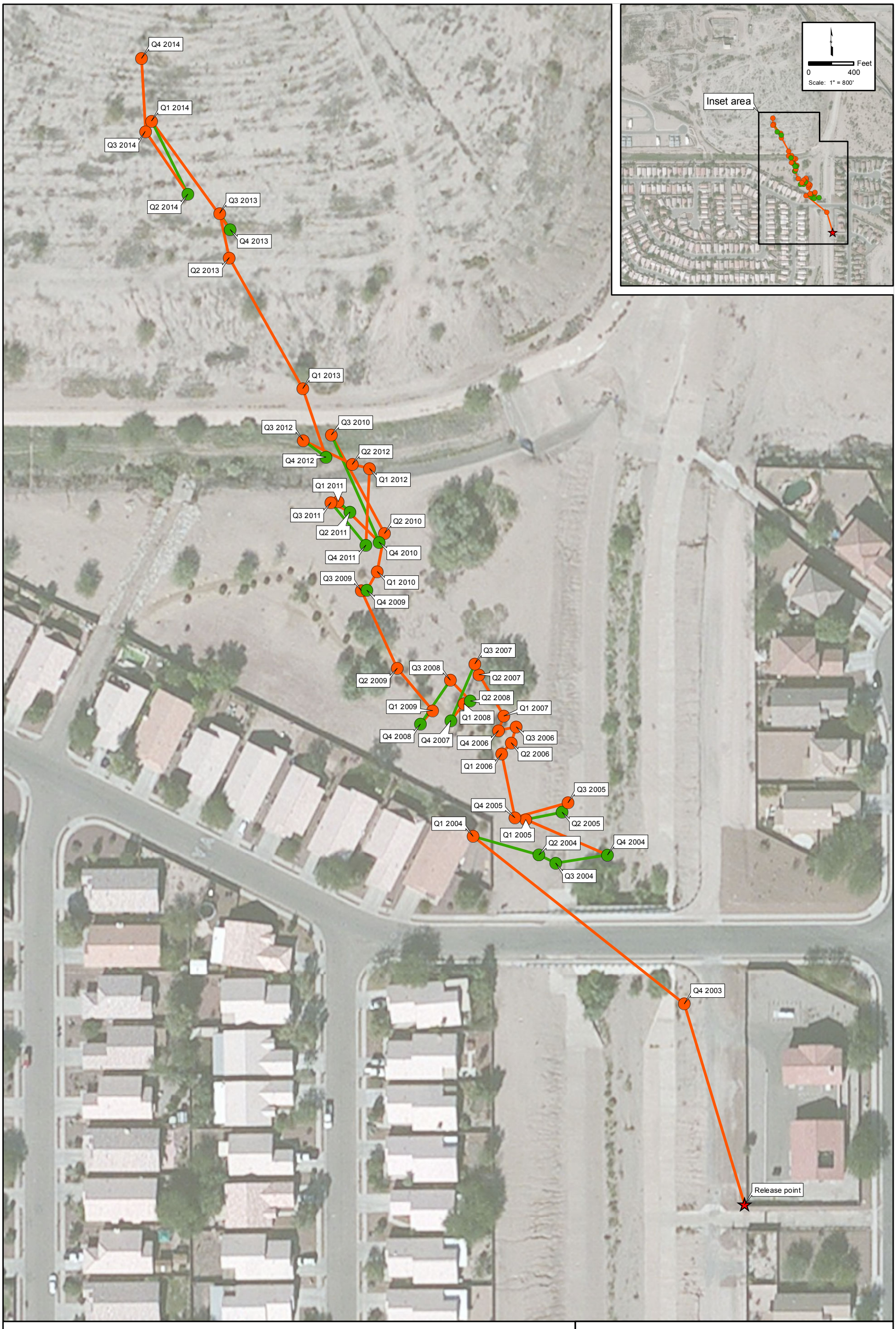
FIGURE
14

\\Scottsdale-AZ\Project\KMEP (Kinder Morgan Energy Partners)\10022-Silvercroft Wash\GIS\Projects\RI report 2014\Figure 14 MTBE plume evolution 2003-2014.mxd 2/5/2015

Figure 15
Dissolved-Phase MTBE Mass in Groundwater vs. Time
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona





LEGEND

- Release point
- Center of mass of MTBE in groundwater (advancing)
- Center of mass of MTBE in groundwater (retreating)
- Path of MTBE center of mass migration (advancing)
- Path of MTBE center of mass migration (retreating)

LEGEND

· Aerial photo source: ESRI World Imagery

Centers of mass calculated from kriged plumes.

N

Feet
0 40 80
Scale: 1" = 80'

SILVERCROFT WASH RELEASE SITE
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REMEDIAL INVESTIGATION REPORT

CENTER OF MASS OF MTBE IN GROUNDWATER 2003-2014

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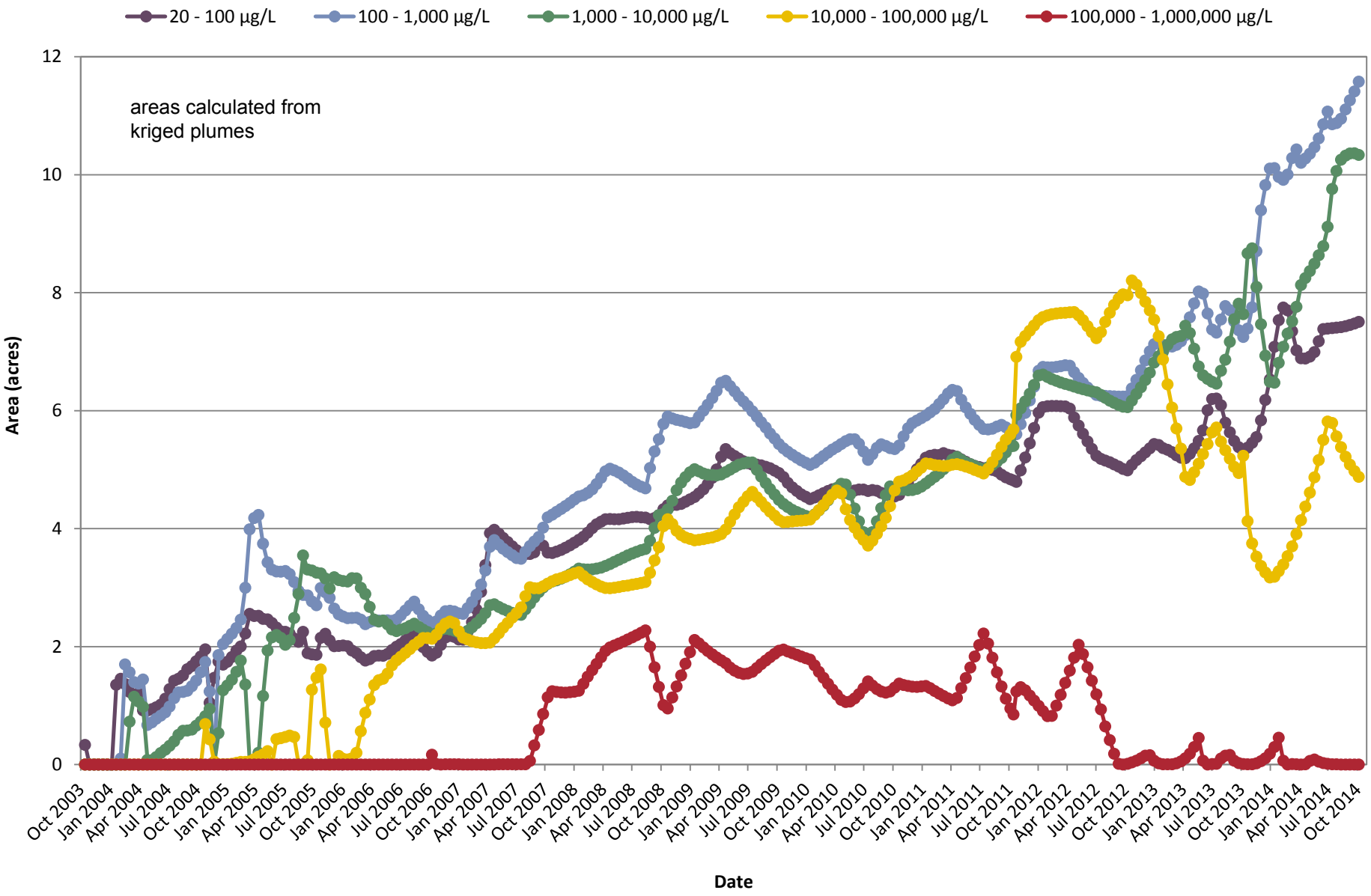
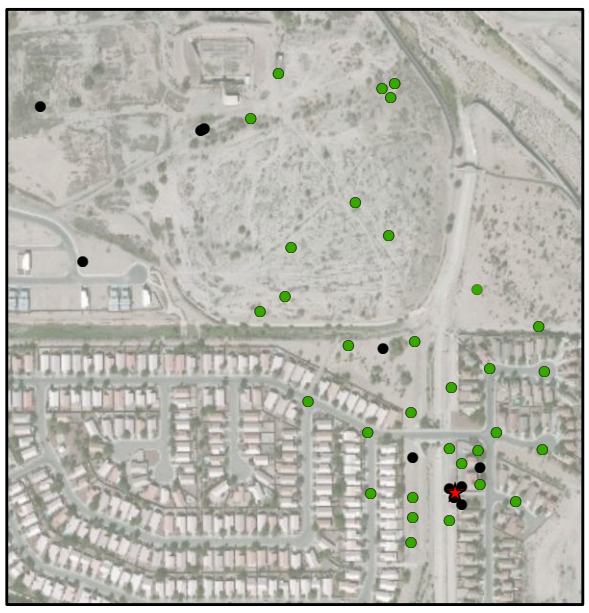
FIGURE
16

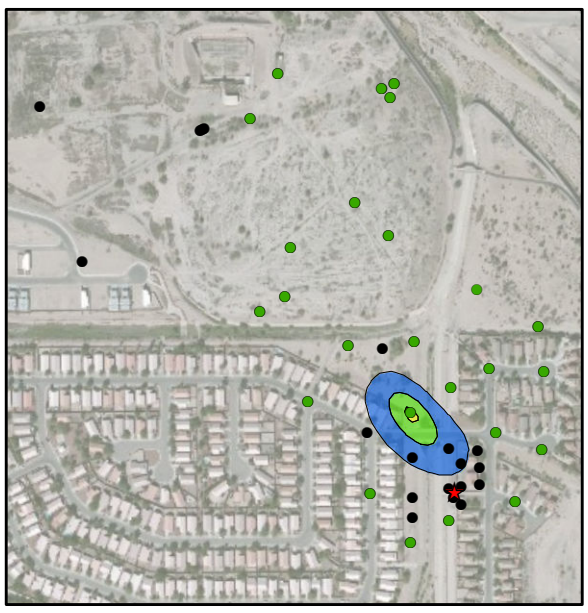
\\Scottsdale-AZ\Project\KMEP (Kinder Morgan Energy Partners)\10022-Silvercroft Wash\GIS\Projects\RI report 2014\Figure 16 MTBE center of mass migration 2003-2014.mxd 2/5/2015

Figure 17
MTBE Concentration Band Areas vs. Time
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

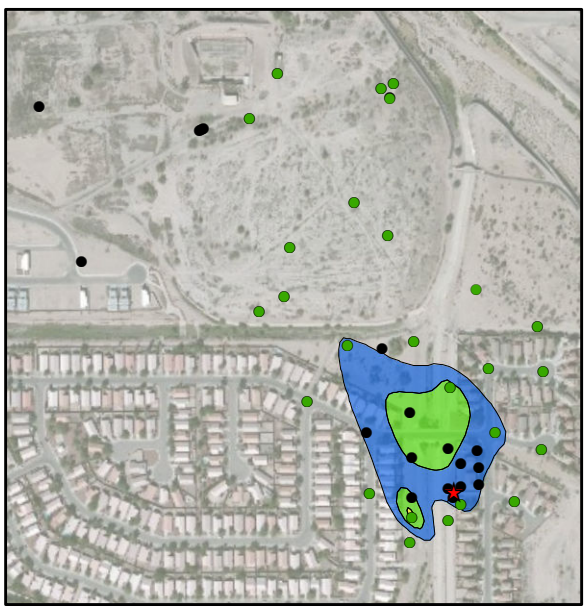




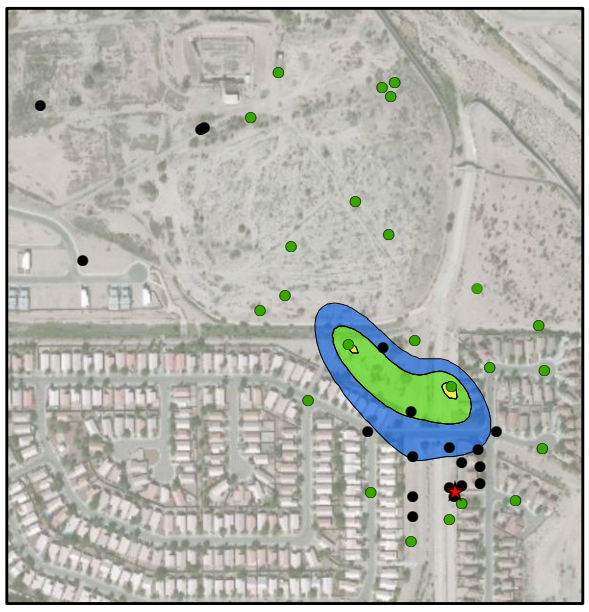
Q4 2003



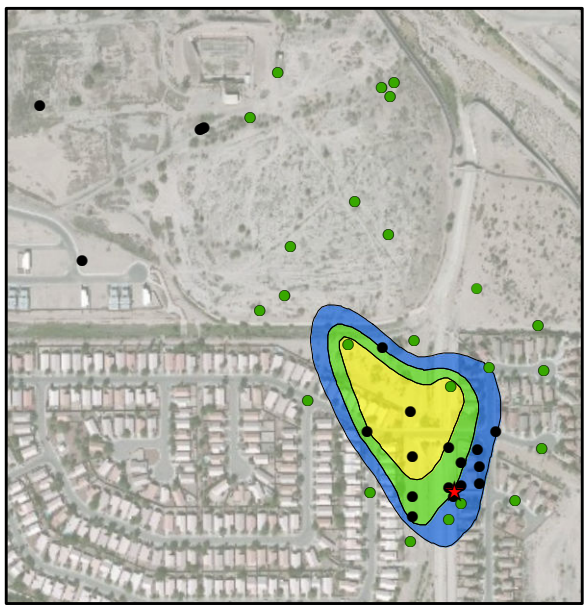
Q4 2004



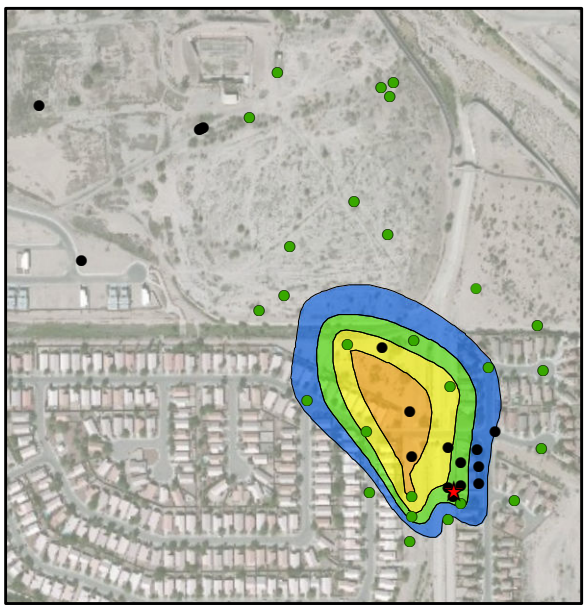
Q4 2005



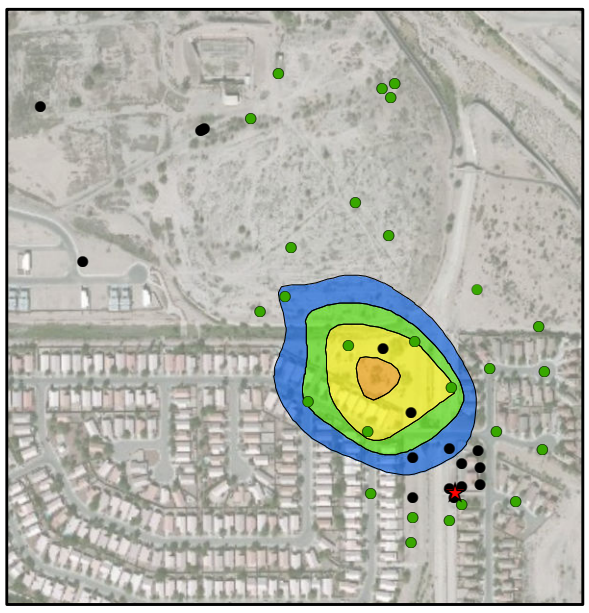
Q4 2006



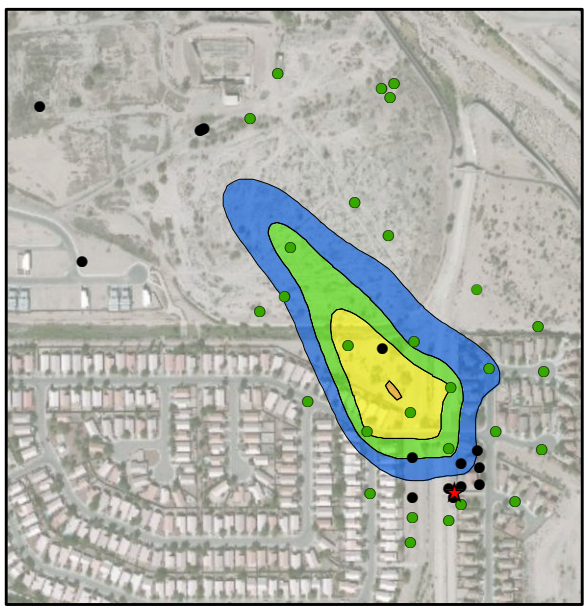
Q4 2007



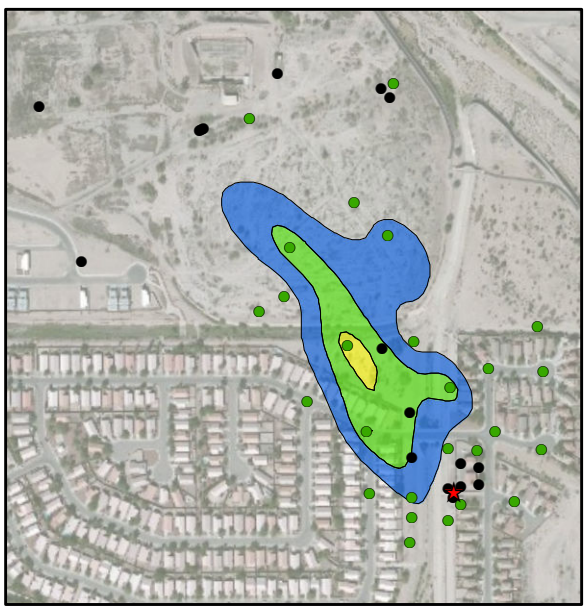
Q4 2008



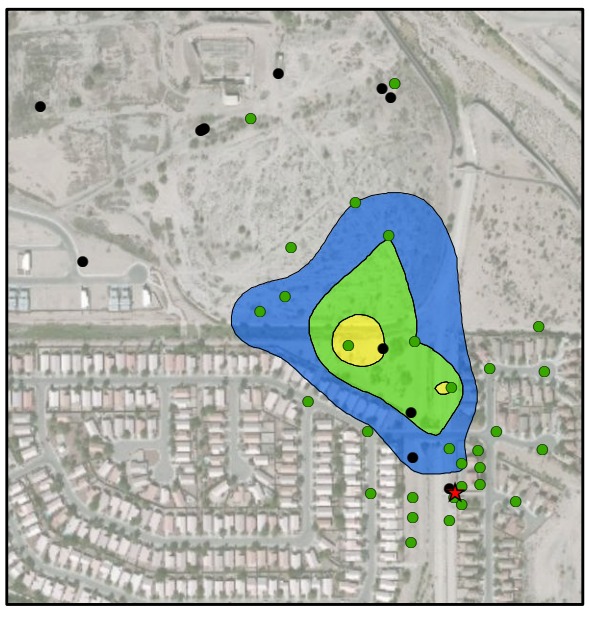
Q4 2009



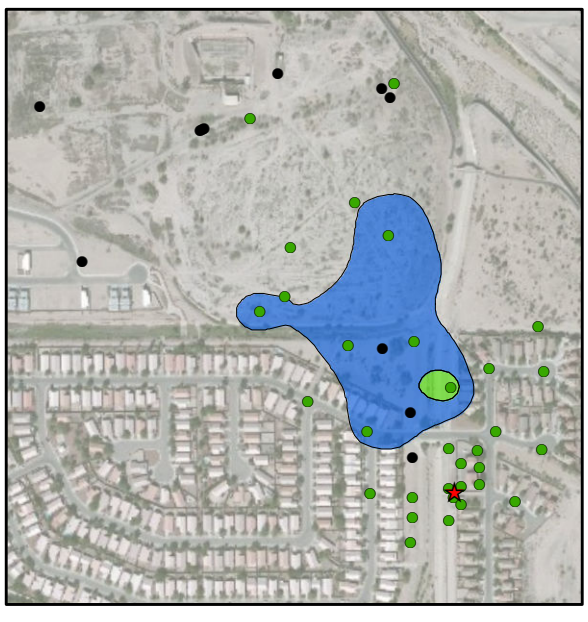
Q4 2010



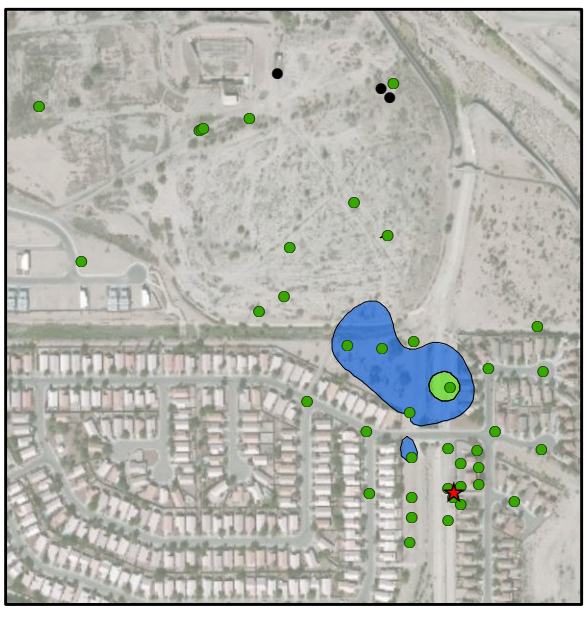
Q4 2011



Q4 2012



Q4 2013



Q4 2014

LEGEND

- Groundwater monitor well (sampled)
- Groundwater monitor well (not sampled)
- Release point

BENZENE CONCENTRATIONS

- > 100,000 µg/L
- > 10,000 µg/L
- > 1,000 µg/L
- > 100 µg/L
- > 5 µg/L

NOTES

· Aerial photo source: ESRI World Imagery

Plumes calculated by kriging analytical data.

N

0 400 800 Feet

Scale: 1" = 800'

SILVERCROFT WASH RELEASE SITE
TUCSON, ARIZONA
REMEDIAL INVESTIGATION REPORT

EVOLUTION OF BENZENE PLUME, 2003-2014

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FIGURE
18

\\Scottsdale-AZ\Project\KMEP (Kinder Morgan Energy Partners)\10022-Silvercroft Wash\GIS\Projects\RI report 2014\Figure 18 benzene plume evolution 2003-2014.mxd 2/5/2015

Figure 19
Dissolved-Phase Benzene Mass in Groundwater vs. Time
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

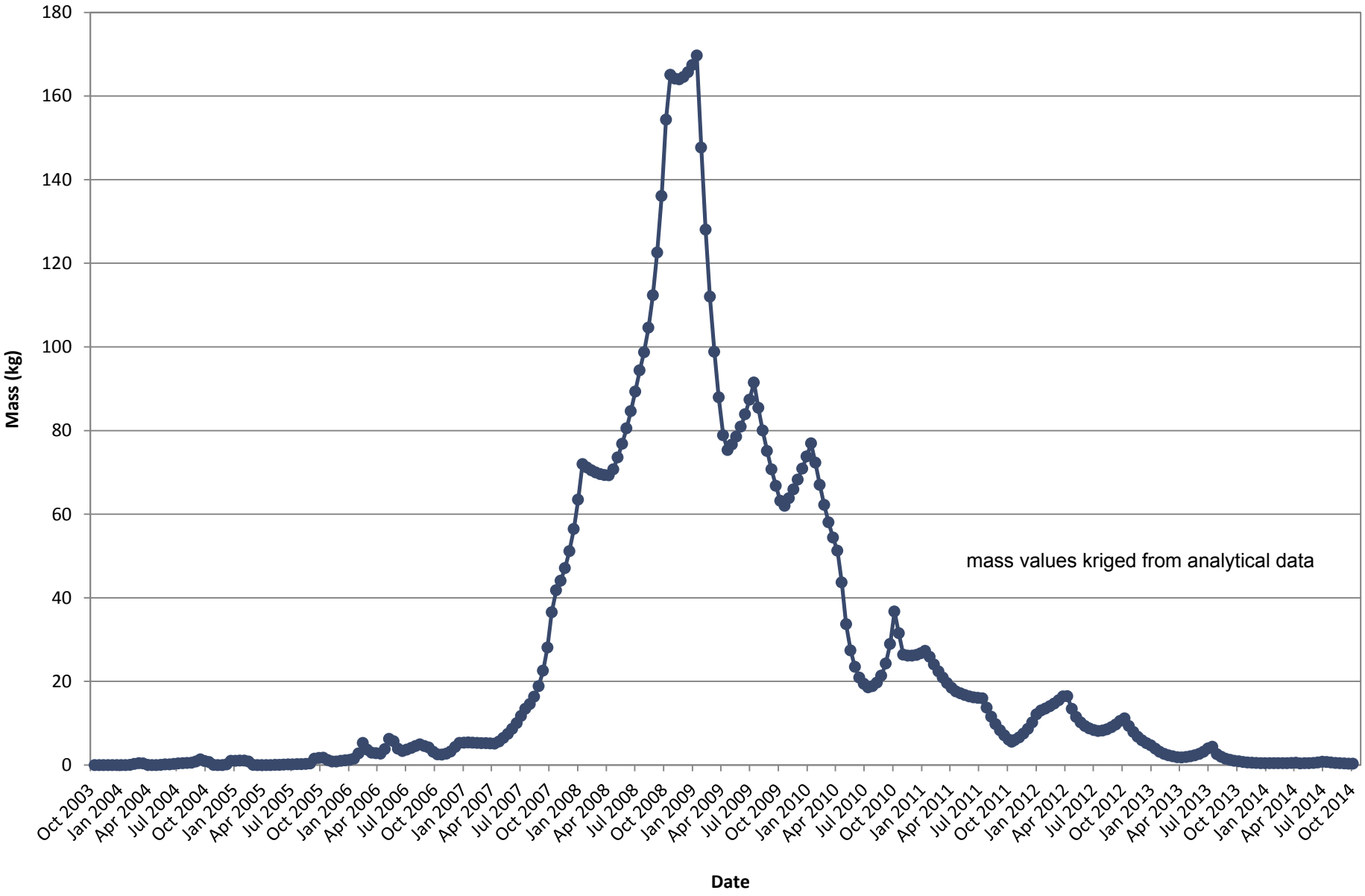


Figure 20
MTBE and TBA Concentrations vs. Time in MW-24
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona

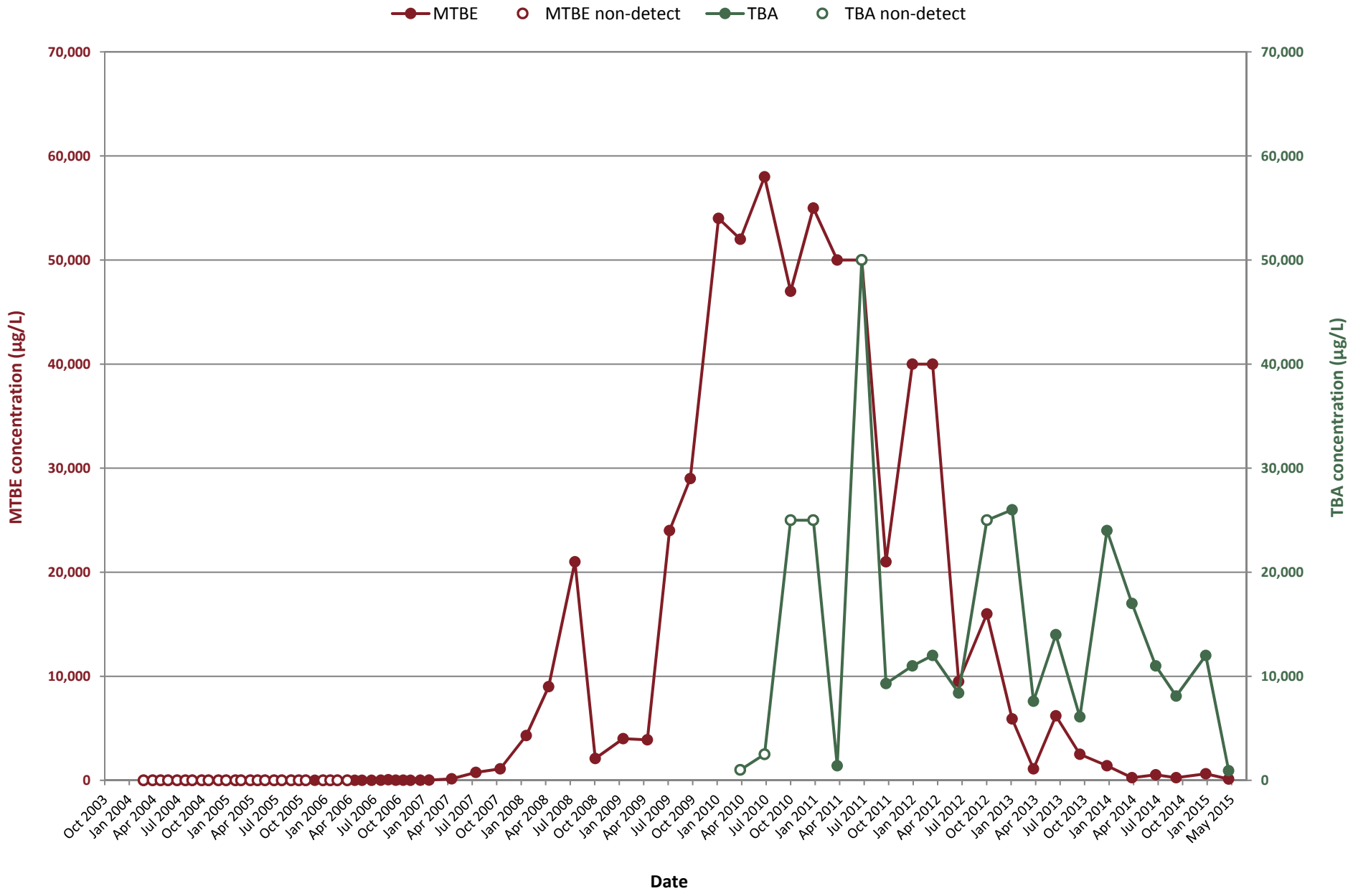
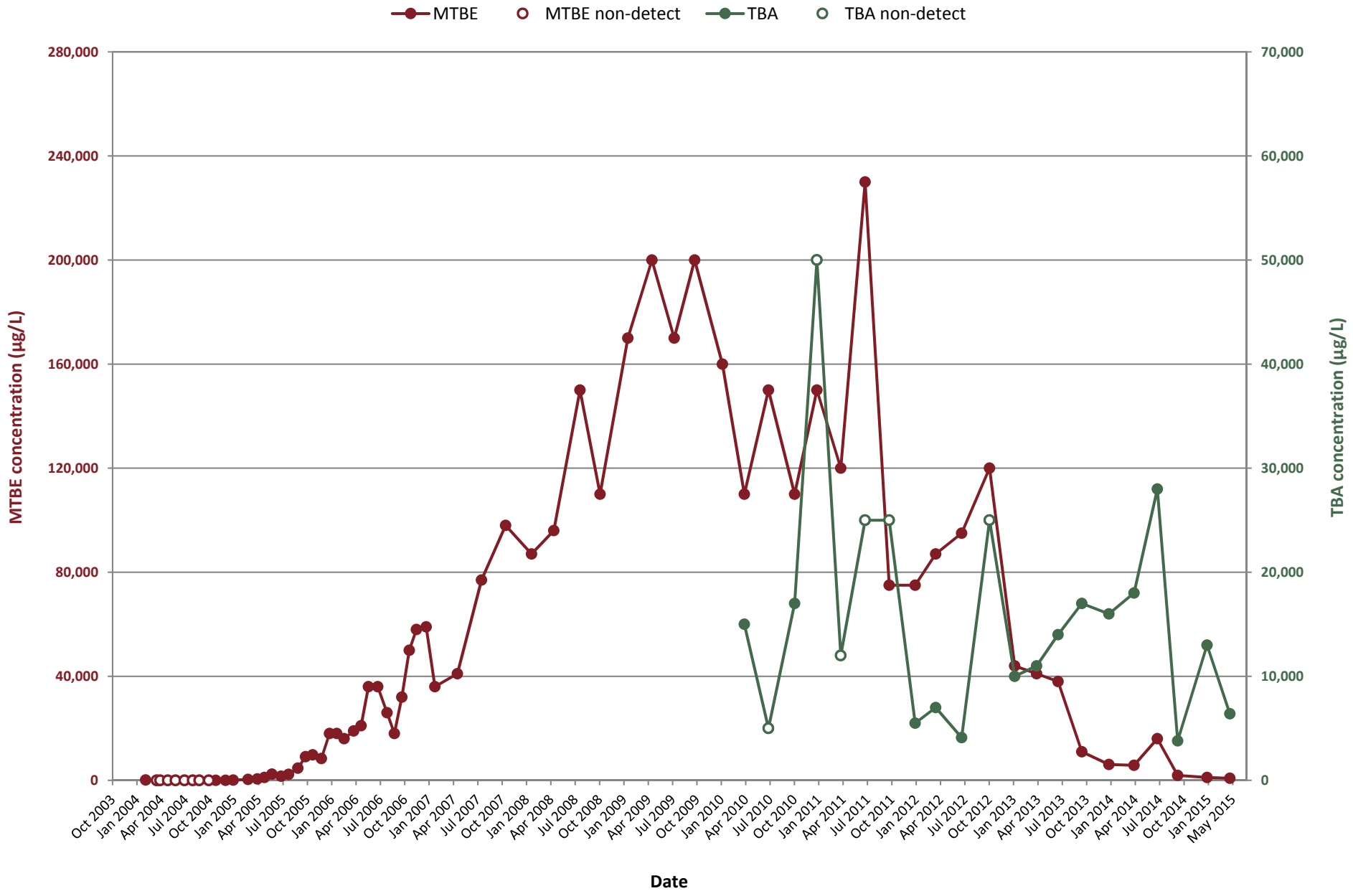
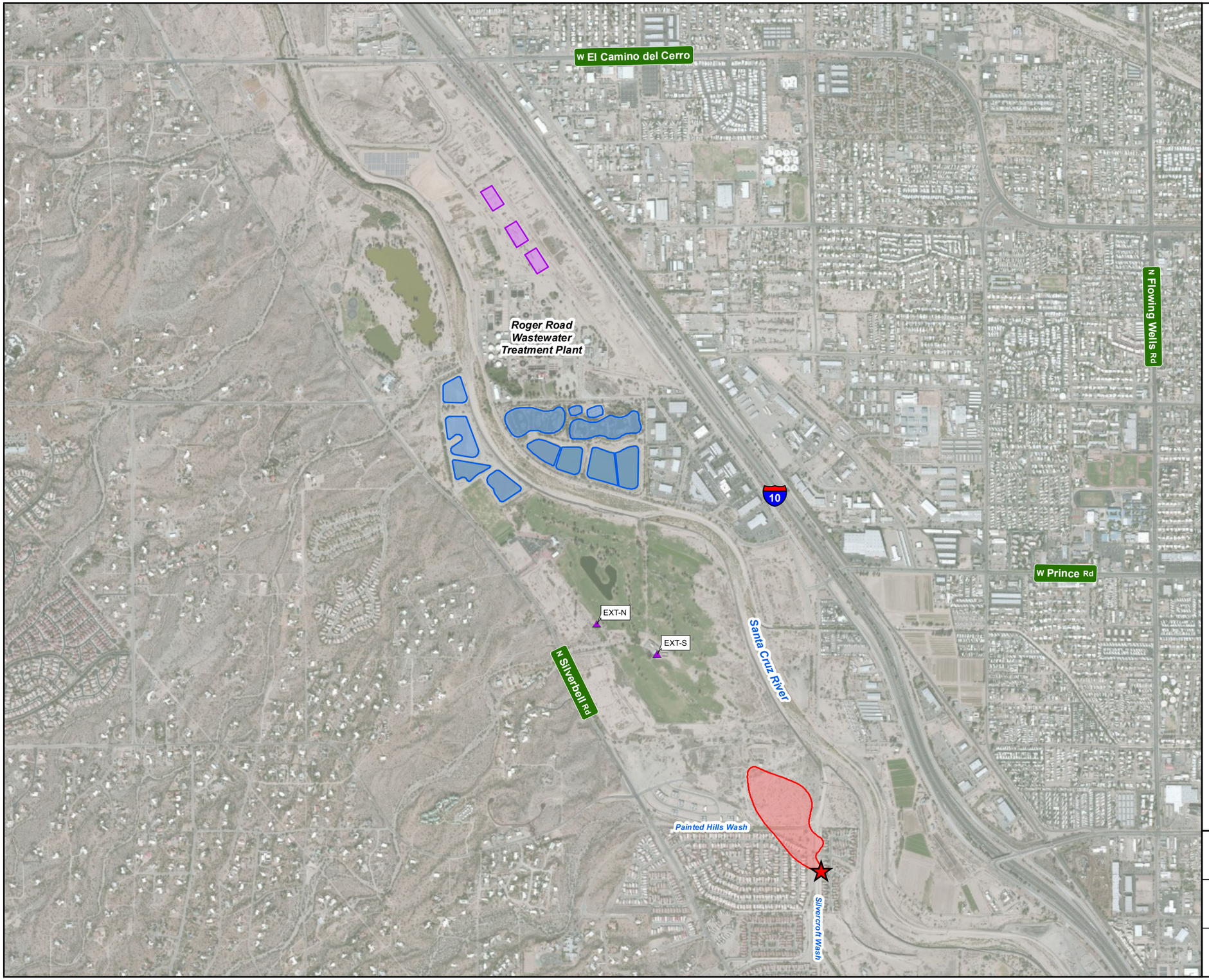


Figure 21
MTBE and TBA Concentrations vs. Time in MW-26
SFPP, L.P.
Silvercroft Wash Release Site, Tucson, Arizona





LEGEND

- Silvercroft Wash release site
- Sweetwater Recharge Facility (existing recharge basin)
- Sweetwater Recharge Facility (future recharge basin)
- Proposed COT groundwater extraction well
- Approximate extent of dissolved-phase MTBE above 20 µg/L (Q4 2014)

NOTES

· Aerial photo source: ESRI World Imagery.
· COT = City of Tucson.

N

Feet
0 750 1,500
Scale: 1" = 1,500'

SILVERCROFT WASH RELEASE SITE
TUCSON, ARIZONA
REMEDIAL INVESTIGATION REPORT

PROPOSED CITY OF TUCSON EXTRACTION WELL LOCATIONS

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FIGURE
22

\\Scottsdale-AZ\Project\KMEP (Kinder Morgan Energy Partners)\10022-Silvercroft Wash\GIS\Projects\RI report 2014\Figure 22 proposed extraction wells Q4 2014.mxd 2/5/2015

Appendices (on CD)

A	ADEQ February 23, 2011 Letter
B	Request for No Further Action Determination for Soil from the Surface to Groundwater for the NFA Area Report
C	Site Characterization Report
D	Weekly Report 8-29-2003
E	May 15, 2014 Monitoring Well Installation Report for wells MW-27, MW-28, MW-29S, MW-29M, MW-29D, and MW-30
F	February 8, 2007 Product Recovery Termination Letter to ADEQ and February 13, 2007 ADEQ Email Concurrence
G	Historical Groundwater Elevation and Apparent Free Product Thickness Data Through Fourth Quarter 2014
H	Analytical Results for Shallow-Soil Vapor Sampling and Results of a Human Health Risk Screening Evaluation
I	Vapor Laboratory Analytical Reports
J	Groundwater Laboratory Analytical Reports
K	September 26, 2014 ADEQ email
L	Hydrographs
M	MTBE and TBA Charts
N	Land Use Documentation
O	Water Use Documentation