



FINAL

**PHASE II ENVIRONMENTAL SITE ASSESSMENT
REPORT**

for

Assessor's Parcel Number 467-081-16T
655 G Street
City of Fresno, County of Fresno, California 93706

June 30, 2014

(URS Job No. 18715311)

Prepared for:

Successor Agency to the Redevelopment Agency of the City of Fresno
USEPA Brownfields Assessment Grant
USEPA Grant: BF-00T71101

Prepared by:

URS Corporation
*30 River Park Place West, Suite 180
Fresno, California 93720*

IDENTIFICATION FORM

Document Title: PHASE II ENVIRONMENTAL SITE ASSESSMENT
ASSESSOR'S PARCEL NUMBER 467-081-16T
655 G STREET
FRESNO, CALIFORNIA

Organization Title: Successor Agency to the Redevelopment Agency of the City
of Fresno
Address: 2344 Tulare Street, Suite 200
Fresno, California 93721

Responsible Official: Enrique Mendez
Title: Project Coordinator
Telephone: (559) 621-7603

Project Consultant: URS Corporation
Address: 30 River Park Place West, Suite #180
Fresno, California 93720

Project Manager: Stuart B. St. Clair, PE
Telephone: (559) 256-1462

Task Manager: Frank L. Gegunde, PG
Telephone: (559) 256-1468

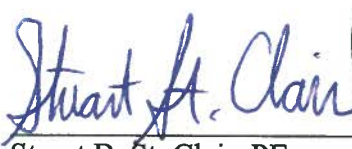
Report Coverage: This report constitutes technical support to complete the scope of work described in BID FILE 081512EM of the Successor Agency to the Redevelopment Agency of the City of Fresno and the Agency's letter of acceptance dated January 17, 2013. These services are provided by URS as prime contractor.

APPROVAL FORM

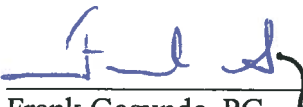
Prepared for: Successor Agency to the Redevelopment Agency of the City of Fresno
2344 Tulare Street, Suite 200
Fresno, California 93721

Prepared by: URS Corporation
30 River Park Place West, Suite 180
Fresno, California 93720

Signature:  Date: 6/24/14
Name: Enrique Mendez
Title: Project Coordinator
Successor Agency to the Redevelopment Agency of the City of Fresno

Signature:  Date: 7/1/14
Name: Stuart B. St. Clair, PE
Title: Project Civil Engineer / Project Manager
Professional Engineer No. 60945
URS Corporation



Signature:  Date: 7/1/14
Name: Frank Gegunde, PG
Title: Senior Geologist / Field Task Manager
Professional Geologist No. 7998
URS Corporation

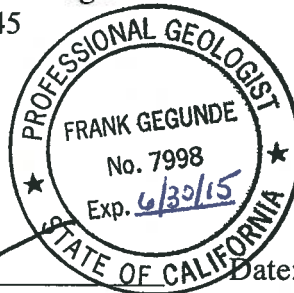


TABLE OF CONTENTS

	Page
1.0 INTRODUCTION.....	1
1.1 Project Objective	1
1.2 Site Description and Background.....	1
1.3 Summary of Previous Investigations.....	1
1.4 Regulatory Involvement.....	3
2.0 SITE PHYSICAL SETTING	4
2.1 Geology	4
2.2 Hydrology.....	5
2.3 Climatology	5
3.0 DESCRIPTION OF FIELD ACTIVITIES.....	6
3.1 Pre-Mobilization Activities	6
3.2 Soil and Groundwater Sampling	6
3.3 Soil and Groundwater Analysis.....	7
3.4 Soil Gas Sampling and Analysis	8
3.5 Investigation-Derived Waste	9
4.0 DEVIATIONS FROM THE WORK PLAN.....	10
5.0 ANALYTICAL RESULTS.....	11
5.1 Data Quality	11
5.1.1 Soil Analytical Data.....	12
5.1.1.1 Metals - Lead.....	12
5.1.1.2 Total Petroleum Hydrocarbons as Gasoline.....	12
5.1.1.3 Total Petroleum Hydrocarbons as Diesel and Motor Oil.....	13
5.1.1.4 Volatile Organic Compounds and Semi-Volatile Organic Compounds	14
5.1.2 Groundwater Analytical Data	16
5.1.2.1 Metals - Lead.....	16
5.1.2.2 Total Petroleum Hydrocarbons as Gasoline.....	16
5.1.2.3 Total Petroleum Hydrocarbons as Diesel and Motor Oil	17
5.1.2.4 Volatile Organic Compounds and Semi-Volatile Organic Compounds	17
5.1.3 Data Quality Review.....	18
5.1.3.1 Soil Gas Data.....	18
5.1.4 Overall Summary of Data Quality	19
5.2 Screening Criteria	19
5.3 Soil Analytical Results	19
5.3.1 Metals - Lead	20
5.3.2 Total Petroleum Hydrocarbons.....	20
5.3.3 Volatile Organic Compounds and Semi-Volatile Organic compounds.....	20
5.4 Groundwater Analytical Results	21
5.4.1 Metals - Lead	21
5.4.2 Total Petroleum Hydrocarbons.....	21
5.4.3 Volatile Organic Compounds and Semi-Volatile Organic Compounds.....	22

5.5	Soil Gas Analytical Results.....	23
6.0	CONCLUSIONS	24
6.1	Soil.....	24
6.2	Groundwater	24
6.3	Soil Gas	25
6.4	Potential Threat to Human Health or the Environment.....	25
7.0	RECOMMENDATIONS	27
7.1	Soil Vapor Extraction Pilot Test	27
7.2	Soil Remediation	27
7.3	Groundwater Remediation	27
8.0	REFERENCES	29

LIST OF TABLES

Table 1	Soil Sampling Analytical Results
Table 2	Groundwater Sampling Analytical Results
Table 3	Soil Gas Analytical Results

LIST OF FIGURES

Figure 1	Site Location Map
Figure 2	Phase II Sample Locations
Figure 3	TPH/VOC Detections in Soil Samples
Figure 4	TPH/VOC Detections in Groundwater Samples
Figure 5	Analytical Detections in Soil Gas Samples
Figure 6	Cross-Section A to A'

LIST OF APPENDICES

Appendix A	Drilling Permit
Appendix B	Boring Logs
Appendix C	Laboratory Report, Data Validation, and Chain-of-Custody
Appendix D	Waste Disposal Manifests

LIST OF ACRONYMS

µg/L	microgram per liter
µg/m ³	micrograms per cubic meter
°C	degrees Celsius
ARF	Analytical Request Form
ASTM	American Society for Testing and Materials
bgs	below ground surface
Cal-EPA	California Environmental Protection Agency
CDPH	California Department of Public Health
CHHSL	California Human Health Screening Level
DPT	Direct-Push Technology
DQO	Data Quality Objective
DTSC	Department of Toxic Substances Control
ESA	Environmental Site Assessment
ESL	Environmental Screening Level
FCPWD	Fresno County Public Works Department
FSP	Field Sampling Plan
LCS	laboratory control sample
LCSD	laboratory control sample duplicate
MCL	Maximum Contaminant Level
mg/kg	milligram per kilogram
MtBE	Methyl tertiary butyl ether
OEHHA	Office of Environmental Health Hazard Assessment
PCE	tetrachloroethene
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
RPD	Relative Percent Difference
RSL	Regional Screening Level
RWQCB	Regional Water Quality Control Board
SVOC	Semi- Volatile Organic Compounds
TPH	total petroleum hydrocarbons
TPH-d	total petroleum hydrocarbons as diesel
TPH-g	total petroleum hydrocarbons as gasoline
TPH-mo	total petroleum hydrocarbons as motor oil
USEPA	U.S. Environmental Protection Agency
URS	URS Corporation
USA	Underground Services Alert
UST	Underground Storage Tank
VOC	Volatile Organic Compounds

1.0 INTRODUCTION

URS Corporation (URS) has performed a Phase II Environmental Site Assessment (ESA) for the property at 655 G Street, Fresno, California (site) on behalf of the Successor Agency to the Redevelopment Agency of the City of Fresno (Client, Agency). The work was funded by a Community-wide Brownfields Assessment Grant awarded by the United States Environmental Protection Agency (USEPA): USEPA Grant BF-00T71101.

This Phase II ESA was performed in response to a July 7, 2010 Regional Water Quality Control Board (RWQCB) letter to the Agency which indicated that an investigation of the site was overdue and their request for the Agency to move forward with characterizing the site for the purpose of seeking regulatory case closure.

The Phase II Work Plan was developed by URS (URS, 2013) and approved for implementation by the USEPA on December 23, 2013 and the RWQCB on January 21, 2014.

1.1 PROJECT OBJECTIVE

The overall objective of the Phase II ESA was to evaluate whether hazardous materials are present at the site that pose an unacceptable risk to human health and the environment.

1.2 SITE DESCRIPTION AND BACKGROUND

The site location and vicinity are presented in Figure 1. The site is generally known by the address 655 G Street, Fresno, California. According to the U.S. Geological Survey 7.5 Minute Fresno North, California topographic quadrangle map, dated 1964, photorevised 1981, the site is located in the northeast quarter of the southeast quarter of Section 9, Township 14 South, Range 20 East, Mount Diablo Baseline and Meridian, at an elevation of approximately 295 feet above mean sea level. The site is approximately 0.3 acres in size, occupies Fresno County Assessor Parcel Number (APN) 467- 081-16T and is currently owned by the Agency.

The site is the location of a former gasoline station at the south corner of Mono and "G" Streets in downtown Fresno, California. The site has no existing structures and is entirely paved with remnant concrete slabs from structures previously occupying the site.

1.3 SUMMARY OF PREVIOUS INVESTIGATIONS

Three gasoline underground storage tanks (USTs) consisting of one 1,000-gallon, one 550-gallon and one 500-gallon, were removed from the site on September 6, 1988. Analytical results of soil samples obtained from beneath the UST locations revealed gasoline constituent concentrations as high as 2,900 milligrams per kilogram (mg/kg) total volatile hydrocarbons. No benzene was detected.

As part of a Phase II ESA of the site and adjacent properties conducted for the City of Fresno in September 1995, Technicon Engineering Services, Inc. (Technicon) advanced one 70-foot soil boring at the former 1,000-gallon UST location. The analytical results of soil samples collected from depths of 30, 45, 65 and 70 feet revealed total petroleum hydrocarbons in the gasoline range (TPH-g) concentrations in the 30-foot and 45-foot samples at 4,900 and 920 mg/kg, respectively. Trace concentrations of toluene were detected in the 65-foot and 70-foot samples.

In an October 7, 2004 letter to the City of Fresno, the Fresno County Environmental Health System (EHS) referred the case to the RWQCB for regulatory oversight. In a letter dated November 2, 2004, the RWQCB directed the City to submit a work plan to assess petroleum hydrocarbon impacts to soil beneath the site.

Technicon prepared and submitted the Work Plan for Subsurface Assessment dated April 27, 2005. In a letter dated May 20, 2005, the RWQCB conditionally approved the Work Plan. The results of the subsurface assessment were presented in the final report dated September 9, 2005 (Technicon, 2005). Generally, four borings were advanced in the former UST area, the former dispenser area, and surrounding locations.

According to the analytical results, elevated concentrations of petroleum hydrocarbon constituents were detected in soil samples collected from the borings advanced in the former gasoline UST area and in the boring advanced south of the former UST area. The highest concentrations were detected at 35 feet below ground surface bgs in boring B-3 (Figure 2). Trace concentrations of petroleum hydrocarbon constituents were detected in these borings as deep as 95 bgs, the maximum depth explored.

In a letter dated January 25, 2006, the RWQCB indicated that “the investigation revealed the presence of significant concentrations in subsurface soils” and that “additional assessment is necessary to further evaluate the extent of impacted soils near the former USTs and near boring B3.” The RWQCB required that a Work Plan be submitted “to further assess petroleum hydrocarbon impacts to soil and groundwater beneath the site and to conduct an Soil Vapor Extraction (SVE) pilot test.” The RWQCB also required that “the report of findings shall include a Corrective Action Plan (CAP) in accordance with Article 11, Chapter 16, Underground Storage Tank Regulations.”

Technicon submitted the Work Plan for Soil & Groundwater Assessment and SVE Pilot Test dated December 28, 2006. In a letter dated February 5, 2007, the RWQCB confirmed its receipt of the Work Plan and indicated that additional information was necessary for the completion of the review including “the scope of your recommended assessment of groundwater quality beneath the site.”

On April 10, 2007, Technicon submitted a revised Work Plan which incorporated the required additional information including their recommendation for the assessment of groundwater quality. On May 7, 2007 the RWQCB approved the revised Work Plan; however the work was never completed.

In a July, 7 2010 letter the RWQCB indicated that the results of the investigation of the site were overdue and requested that their office be contacted to agree on a compliance schedule. Prior to the current Phase II investigation, the groundwater quality beneath the site at 655 G Street had not been assessed.

1.4 REGULATORY INVOLVEMENT

The RWQCB is the lead agency overseeing the assessment and remediation of the site.

2.0 SITE PHYSICAL SETTING

2.1 GEOLOGY

The site is located in Fresno, California, within the Great Valley geomorphic province, which is characterized by relatively flat topography. At the latitude of Fresno, the valley is approximately 54 miles wide. Fresno is in the San Joaquin Valley, which is formed by the Great Valley geocline, which is a large, elongated, northwest-trending asymmetric structural trough. The northwest-trending axis of the geocline is closer to the western side of the valley, with the regional dip of the formations on the eastern side being less than that of the formations on the western side. The valley is bordered by the Pacific Coast Ranges to the west, the Klamath Mountains and Cascade Range to the north, the Sierra Nevada Mountains to the east, and the San Emigdio and Tehachapi Mountains on the south. The trough continues southward from the Sacramento-San Joaquin Delta Region, where it is called the San Joaquin Valley.

The structural trough has a long, stable eastern shelf supported by metamorphic and igneous rocks of the west-dipping Sierran slope. The basement rocks of the western edge of the structural trough are comprised of Jurassic metamorphic, ultramafic, and igneous rocks of the Franciscan formation. This structural trough began receiving sediments in the Late Jurassic epoch (208 to 144 million years ago) (MA). It has been filled with sediments derived from both marine and continental sources. The thickness of the valley sediments range from thin veneers along the valley edges to greater than 40,000 feet (12,192 meters) in the central portion of the valley. These sedimentary deposits range in age from Jurassic (190 to 135 MA) to Holocene (0 to 0.01 MA) epochs, with the older deposits (Jurassic to Eocene, 57.8 to 36.6 MA) comprising the marine sequence, and the younger deposits (Eocene to Holocene age) comprising the continental sequence. The marine deposits were formed in offshore shallow ocean shelf and basin environments. Continental sediments were derived from mountain ranges surrounding the valley and were deposited in lacustrine, fluvial, and alluvial environments (Norris & Webb, 1990).

Native soils encountered beneath the site during previous investigations consisted predominantly of silty sands from the ground surface to a depth of approximately 20 feet bgs, poorly graded sand from 20 to 30 feet bgs, fine-grained sandy silt from 30 to 45 feet bgs, poorly graded sand from 45 to 50 feet bgs, silty sand from 55 to 65 feet bgs, poorly graded sand from 65 to 75 feet bgs, silty sand from 75 to 85 feet bgs, and fine-grain silt from 85 to 95 feet, the maximum depth explored. Fill material in the location of the former gasoline underground storage tanks consisted of predominantly poorly graded sand to 10 feet bgs. No hardpan was noted during the drilling and sampling activities.

Based on soils encountered during the current Phase II drilling activities, the site stratigraphy to a depth of about 115 feet bgs consists of predominantly interbedded fine-grained sediments composed of silty fine- to medium-grained sands interbedded with layers of sandy-silt and minor

clay. Occasional poor to moderately sorted sand layers are present ranging in thickness from less than one foot to more than ten feet. Sand zones ranging in thickness from two to eight feet were consistently encountered at depths of approximately 45, 65, and 100 feet bgs.

2.2 HYDROLOGY

The study area is located within the Kings groundwater sub-basin of the Tulare Lake groundwater basin. The area of the site is generally underlain by groundwater occurring in unconfined, perched, and semi-confined conditions. Within the Central Valley, regional movement of groundwater is toward a topographic trough located on the western side of the valley, and from there, toward the north to the Sacramento River-Delta region.

The local groundwater table elevation fluctuates in the area of the site. This is caused by groundwater pumping for municipal and agricultural use and by groundwater recharge from rivers, canals, and ponding basins. According to the California Department of Water Resources (DWR) map entitled "Lines of Equal Elevation of Water in Wells", dated Spring 2010, groundwater was encountered in the vicinity of the site at a depth of approximately 110 feet. Saturated soils were encountered in May 2014 during the current Phase II investigation at a depth of approximately 115 feet bgs. According to the 2010 DWR map, groundwater in the area of the site flowed generally in a northwesterly direction.

2.3 CLIMATOLOGY

The climate at the site is characterized by cool, moist winters and hot, dry summers. Winter low temperatures at the site are occasionally below 30° Fahrenheit, and summer high temperatures often exceed 100° Fahrenheit. Prevailing winds are typically from the northwest. The mean annual precipitation in the City of Fresno is about 11 inches (WRCC, 2008). Evaporation amounts in the region significantly exceed precipitation amounts over the course of a typical year.

3.0 DESCRIPTION OF FIELD ACTIVITIES

3.1 PRE-MOBILIZATION ACTIVITIES

Prior to field operations, URS prepared a Health and Safety Plan (HASP) for the sampling investigation at the site.

On March 25, 2014, the City of Fresno Public Works Department issued a drilling permit for the scope of work (Appendix A).

URS marked all the drilling locations in white paint and notified Underground Services Alert (USA). A utility clearance was conducted at each of the borehole locations located on public property.

3.2 SOIL AND GROUNDWATER SAMPLING

Between April 7 and 23, 2014, soil borings were conducted by Technicon Engineering Services of Fresno, California, a California-licensed drilling contractor using a hollow-stem auger. URS and Technicon performed the following tasks:

- Advanced four (4) soil borings (SB-1 through SB-4) in the vicinity of the previously identified impacted zone (Figure 2). One of the soil borings, SB-1, was advanced in a location approximately half way between the previously drilled borings B-3 and B-4 in an attempt to further define the vertical extent of impacted soil beneath the site. Two additional borings, SB-2 and SB-4, were advanced at stepped-out locations to help define the lateral extent of the impacted zone. One of the soil borings, SB-3, was advanced through the center of the former tank location to further define the vertical extent of impacted soil beneath the former tank pit and to collect a groundwater sample in that location (HP-3). The borings were terminated at a depth of about 115 feet bgs (approximate depth to groundwater) beneath the approximately 95-foot bgs depth where trace gasoline constituent concentrations were detected in past investigations.
- Collected soil samples at 5-foot intervals in each boring for logging lithology and for field screening for volatile organic compounds (VOCs) using a photo-ionization detector (PID). Soil samples were collected by driving a split-spoon sampler fitted with stainless steel sleeves. Based on field screening, selected samples were submitted for laboratory chemical analyses. EnCore samplers were used for soil samples submitted for VOC analysis. Two additional borings, HP-1 and HP-2, were advanced for the specific reason of collecting groundwater samples up- and down-gradient of the previously defined impact zone (Figure 2).

- Advanced three (3) borings (HP-1, HP-2, and HP-3) and collected three (3) groundwater samples using Hydropunch® technology to assess the water quality beneath the location of the previously identified impacted zone (Figure 2). At each location, the first encountered groundwater was sampled, which was at approximately 118 feet bgs in each boring.
- Collected quality assurance/quality control (QA/QC) soil samples and groundwater samples at the rate specified in the Field Sampling Plan (FSP) and submitted the samples “blind” to the analytical laboratory. All soil, groundwater, and QA/QC samples were submitted to a State-certified laboratory for chemical analyses using the protocol described in the project Quality Assurance Program Plan (QAPP). The USEPA QA Office Document Control Number (DCN) of the project QAPP is BNFD0643QV2 approved on August 27, 2013.
- All subsurface boring equipment was steam-cleaned prior to the start of fieldwork, between advancement of soil borings, and/or at the end of the work day to prevent cross-contamination, as deemed necessary by the onsite field geologist. Rinseate was containerized in 55-gallon hazardous waste drums, sealed, labeled, and stored onsite while awaiting appropriate disposition.
- All impacted soil cuttings were containerized in 55-gallon hazardous waste drums, sealed, labeled, and stored on site in a suitable location while awaiting appropriate disposition.
- The soil borings were backfilled with neat cement and bentonite slurry to surface grade.

3.3 SOIL AND GROUNDWATER ANALYSIS

Based on field screening, 15 soil samples from borings SB-1 through SB-4 were submitted for laboratory chemical analyses. URS collected two soil samples from cuttings at borings HP-1 and HP-2 based on the field geologist’s assessment of PID measurements submitted selected samples for chemical analysis. Boring Logs are presented in Appendix B.

Soil samples were analyzed for TPH-g, total petroleum hydrocarbons in the diesel range (TPH-d), and total petroleum hydrocarbons in the motor oil range (TPH-mo) by USEPA Method 8015M; VOCs, benzene, toluene, ethylbenzene, and xylenes (collectively BTEX), fuel oxygenates including MtBE by USEPA Method 8260B; semi-volatile organic compounds (SVOCs), naphthalene, and poly-aromatic hydrocarbons (PAHs) by USEPA Method 8270C, and lead by USEPA Method 6020. One duplicate soil sample was collected and submitted “blind” to the laboratory for QA/QC purposes, and a trip blank and an equipment blank were analyzed for VOCs with the set of soil samples. All samples were delivered under chain-of-custody to APPL,

Inc. of Clovis, California for analysis. Laboratory reports, data validation reports, and chain-of-custody forms are provided in Appendix C. A summary of the analytical results are presented in Table 1.

Three primary groundwater samples, HP-1, HP-2, and HP-3, and one field duplicate groundwater sample were analyzed for TPH-g, TPH-d, and TPH-mo by USEPA Method 8015M; VOCs, BTEX, and fuel oxygenates by USEPA Method 8260B; SVOCs, naphthalene and PAHs by USEPA Method 8270C; and lead by USEPA Method 6020. A trip blank was analyzed for VOCs with the set of groundwater samples. Groundwater samples analyzed for lead were filtered in the field using dedicated 0.45 micron filters. All samples were delivered under chain-of-custody to APPL, Inc. of Clovis, California for analysis. Laboratory reports, data validation reports, and chain-of-custody forms are provided in Appendix C. A summary of the analytical results are presented in Table 2.

3.4 SOIL GAS SAMPLING AND ANALYSIS

To evaluate the subsurface soil gas at the site for potential TPHs, VOCs, and oxygen content, on April 9, 2014, URS collected soil-vapor samples from approximately five feet bgs at two selected locations, SG-1 and SG-2 (Figure 2) using a manually operated soil gas sampling kit and submitted the samples to a certified environmental laboratory. One duplicate sample was also collected and submitted for analysis. The samples were collected into laboratory provided 1.0-liter SUMMA™ canisters for analysis. After sampling, the sample kit tubing was pulled from the borehole and hydrated bentonite was added to the hole to seal it.

A tracer gas was applied to the soil gas probes to test for leaks at each point of connection in which ambient air could enter the sampling system. These points included the top of the sampling probe where the tubing meets the probe connection and the surface bentonite seals. Isobutane was used as the tracer gas, found in common shaving cream. No isobutane was detected in any of the samples collected, indicating no evidence of significant leakage.

Soil gas samples were collected in general accordance with the California Environmental Protection Agency (CalEPA) guidance titled "*Advisory – Active Soil Gas Investigations*," dated April 2012 (CalEPA, 2012).

A decontaminated, dual-sleeve, hollow steel drive rod was pushed to the desired sampling depth using a an electric rotary hammer. The outer sleeve of the drive rod was retracted to allow soil gas to enter the drive rod at the bottom. Hydrated bentonite was used to seal around the drive rod at the ground surface to prevent ambient air intrusion. New silicone tubing was attached to the top of the drive rod at ground surface. Leak detection was conducted with tracer gas (isobutane) placed near and around the sample train to check for intrusion of ambient air through the hydrated bentonite seal.

Soil gas sampling was not conducted for at least 2 hours after the probe was installed, to allow subsurface conditions to equilibrate. To ensure that stagnant or ambient air was removed from the sampling system and to ensure samples were representative of subsurface conditions, three purge volumes (or "dead space volumes") were removed from the sampling system. Samples were collected into sterile laboratory-supplied 1-liter SUMMA canisters using the pre-set air-flow regulators and fittings provided.

Two primary and one duplicate soil gas samples were submitted under chain-of-custody to Air Toxics Laboratory in Folsom, California, for analysis by EPA Method TO-15 for VOCs and ASTM-1945 for natural gas analysis. The vacuum in the SUMMA canister was measured before and after shipment to the laboratory to ensure sample integrity. Laboratory reports, data validation reports, and chain-of-custody forms are provided in Appendix C. A summary of the analytical results are presented in Table 3.

3.5 INVESTIGATION-DERIVED WASTE

The investigation-derived waste (soil cuttings and decontamination water) generated during the drilling and sampling activities was placed in labeled 55-gallon drums and stored on site pending removal by Starbuck Construction Company and disposal as non-hazardous waste at Filter Recycling Services in Colton, CA. Non-hazardous waste disposal manifests are included in Appendix D.

4.0 DEVIATIONS FROM THE WORK PLAN

The USEPA / RWQCB-approved work plan and FSP as amended with comments from the RWQCB in their letter dated January 28, 2014, were followed for the collection of soil, groundwater, and soil gas samples across the site, with the following exception:

- The approved work plan indicates that soil gas samples would be collected and analyzed onsite by a licensed subcontractor using a mobile laboratory. Line item comment #8 in the RWQCB comments for the work plan dated January 28, 2014 requested that the number of soil gas samples be reduced from eleven to two, thus diminishing the need for a subcontractor's involvement. Therefore, URS field staff utilized a manually operated soil gas sampling kit to collect the samples and submitted them under the appropriate chain of custody to a certified environmental laboratory for analysis.

5.0 ANALYTICAL RESULTS

This section presents the analytical results for the soil, groundwater, and soil gas samples collected during this investigation. Soil and groundwater samples were submitted to APPL, Inc. for analysis of TPH-g, TPH-d, and TPH-mo; VOCs, BTEX, and fuel oxygenates; SVOCs, naphthalene PAHs; and lead. Soil gas samples were submitted to Air Toxics for potential TPHs, VOCs, and oxygen content. The results were used to Assess whether hazardous wastes/substances were present at the site; to evaluate the nature and extent of contamination; and to estimate the potential threat to public health and/or the environment posed by existing site conditions. Copies of the analytical data packages and data validation reports are included in Appendix C.

5.1 DATA QUALITY

All soil, groundwater, and QA/QC samples were submitted to a State-certified laboratory for chemical analyses using the protocol described in the project QAPP for field and laboratory activities at the site. The QAPP identified the procedures, objectives, and specific QA/QC activities designed to achieve data quality objectives (DQOs). The project file contains documentation of the field, laboratory, and data validation QAPP protocols.

Environmental measurements were conducted throughout the course of the project to produce data that are scientifically valid, are of known and acceptable quality, meet established project objectives, and are legally defensible.

Analytical data were evaluated to achieve an acceptable level of confidence in the decisions derived from the data, based on methods and procedures described in the QAPP. The precision, accuracy, completeness, comparability, representativeness, and required levels of sensitivity for all data generated were evaluated against the specified DQOs to provide the documentation necessary to support the investigation.

The following sections discuss the results of the data validation performed by URS based on the laboratory analytical reports and described by the respective APPL, Inc. Analytical Request Forms (ARFs).

5.1.1 Soil Analytical Data

5.1.1.1 Metals - Lead

Holding Time and Sample Conditions

The concentration of an analyte in a sample can change with time due to chemical instability, biological degradation, and volatilization. All samples were received within the temperature range of 4 degrees Celsius ($^{\circ}\text{C}$) $\pm 2^{\circ}\text{C}$ and analyzed and extracted within required holding times. .

Blank Contamination

Lead was not detected in any of the method blanks. Field blanks were not submitted for metals (lead) analysis.

Field Duplicates and Laboratory Duplicates

One pair of field duplicates was submitted to APPL for lead analysis. The relative percent difference (RPD) between concentrations of lead in the duplicate pair SB-2-110' (4.8 mg/kg) and SB-2-110'-Dup (5.5 mg/kg) of 13.6 percent did not exceed the QC limit of 50 percent.

Laboratory Control Samples

LCS recoveries were within their QC acceptance ranges.

Reporting Limits and Dilutions

Samples for analysis of metals by U.S. EPA Method 6020B were not diluted. All reporting limits stated in the project QAPP for Method 6020B were met.

5.1.1.2 Total Petroleum Hydrocarbons as Gasoline

Holding Time and Sample Conditions

All samples were received within the temperature range of 4 degrees Celsius ($^{\circ}\text{C}$) $\pm 2^{\circ}\text{C}$ and analyzed and extracted within required holding times.

Blank Contamination

Analytes were not detected in any of the method blanks.

Field Duplicates and Laboratory Duplicates

One field duplicate soil sample was submitted for analysis of TPH-g. No TPH-g was detected in the primary or duplicate sample.

Surrogates

- ARF 73232: The surrogate, 4-Bromoflourobenzene, in sample SB-3-50' was recovered (268 percent) above the QC acceptance range of 76 percent to 131 percent. The high surrogate recovery may have been attributed to the sample matrix.

Laboratory Control Samples

LCS recoveries were within their QC acceptance ranges.

Reporting Limits and Dilutions

- ARF 73087: For the EPA 8015B - gasoline analysis. The effective dilution factor for sample SB-4-40' was increased to 80 due to the initial reported value exceeding the linear range of the instrument. Reporting limits were increased by these dilution factors.
- All reporting limits stated in the project QAPP for Method 8015B were met.

5.1.1.3 Total Petroleum Hydrocarbons as Diesel and Motor Oil**Holding Time and Sample Conditions**

All samples were received within the temperature range of 4 degrees Celsius (°C) $\pm 2^{\circ}\text{C}$ and analyzed and extracted within required holding times.

Blank Contamination

Analytes were not detected in any of the method blanks.

Field Duplicates and Laboratory Duplicates

One field duplicate soil sample was submitted for analysis of TPH-d and TPH-mo, respectively. No TPH-d or TPH-mo was detected in the primary or duplicate sample.

Surrogates

- ARF 73131: The surrogate, ortho-terphenyl, was recovered at 132 percent; above the QC acceptance range of 58 percent to 128 percent. All other surrogate recoveries were acceptable.

Laboratory Control Samples

LCS recoveries were within their QC acceptance ranges, except as noted above.

Reporting Limits and Dilutions

- ARF 73131: For the EPA 8015B - diesel and motor oil analysis. The effective dilution factor for sample SB-2-35' was increased to 20 due to the initial reported value exceeding the linear range of the instrument. Reporting limits were increased by these dilution factors.
- ARF 73232: For the EPA 8015B - diesel and motor oil analysis. The effective dilution factor for sample SB-3-50' was increased to 20 due to the initial reported value exceeding the linear range of the instrument. Reporting limits were increased by these dilution factors.
- All reporting limits stated in the project QAPP for Method 8015B were met.

5.1.1.4 Volatile Organic Compounds and Semi-Volatile Organic Compounds**Holding Time and Sample Conditions**

All samples were received within the temperature range of 4 degrees Celsius (°C) $\pm 2^{\circ}\text{C}$ and analyzed and extracted within required holding times.

Blank Contamination

Analytes were not detected in any of the method blanks.

Field Duplicates and Laboratory Duplicates

One field duplicate soil sample was submitted for analysis of VOCs and SVOCs, respectively. No VOCs or SVOCs were detected in the primary or duplicate samples.

Surrogates

- ARF 73087: For the EPA 8260B analysis - due to matrix interferences, three of four surrogates recovered high for undiluted sample SB-4-40'. The surrogate recoveries were acceptable for the diluted sample.
- ARF 73087: For the EPA 8270C-SIM analysis - sample SB-4-40' recovered the surrogate Nitrobenzene-d5 above the 100 percent upper control limit at 147 percent. The high surrogate recovery may be attributed to the sample matrix.
- ARF 73131: For the EPA 8270C-SIM analysis - sample SB-2-35' recovered the surrogate Nitrobenzene-d5 above the 100 percent upper control limit at 399 percent. The high surrogate recovery may be attributed to the sample matrix.
- ARF 73232: For the EPA 8270C-SIM analysis - sample SB-3-50' recovered the surrogate Nitrobenzene-d5 above the 100 percent upper control limit at 317 percent. The high surrogate recovery may be attributed to the sample matrix.

Laboratory Control Samples

- ARF 73232: For the EPA 8260B analysis – two analytes recovered below their lower control limit for 140428AT LCS. All other acceptance criteria were met for this analysis.

Reporting Limits and Dilutions

- ARF 73087: For the EPA 8260B analysis. The effective dilution factor for sample SB-4-40' was increased to 500 due to the initial reported value exceeding the linear range of the instrument. Reporting limits were increased by these dilution factors.
- ARF 73131: For the EPA 8260B analysis. The effective dilution factor for sample SB-2-35' was increased to 200 due to the initial reported value exceeding the linear range of the instrument. Reporting limits were increased by these dilution factors.
- ARF 73232: For the EPA 8260B analysis. The effective dilution factor for sample SB-3-50' was increased to 1000 due to the initial reported value exceeding the linear range of the instrument. Reporting limits were increased by these dilution factors.
- ARF 73131: For the EPA 8270C analysis. The effective dilution factor for sample SB-2-35' was increased to 20 due to the initial reported value exceeding the linear range of the instrument. Reporting limits were increased by these dilution factors.

- ARF 73232: For the EPA 8270C analysis. The effective dilution factor for sample SB-3-50' was increased to 20 due to the initial reported value exceeding the linear range of the instrument. Reporting limits were increased by these dilution factors.
- All reporting limits stated in the project QAPP for Methods 8260B and 8270C were met.

5.1.2 Groundwater Analytical Data

5.1.2.1 Metals - Lead

Holding Time and Sample Conditions

All samples were received within the temperature range of 4 degrees Celsius (°C) $\pm 2^{\circ}\text{C}$ and analyzed and extracted within required holding times.

Blank Contamination

Analytes were not detected in any of the method blanks.

Field Duplicates and Laboratory Duplicates

One pair of field duplicates was submitted to APPL, Inc. for groundwater samples. No significant discrepancy was found between the results of the pair members.

Laboratory Control Samples

LCS recoveries were within their QC acceptance ranges.

Reporting Limits and Dilutions

No dilutions were required. All reporting limits stated in the project QAPP were met.

5.1.2.2 Total Petroleum Hydrocarbons as Gasoline

Holding Time and Sample Conditions

All samples were received within the temperature range of 4 degrees Celsius (°C) $\pm 2^{\circ}\text{C}$ and analyzed and extracted within required holding times.

Blank Contamination

Analytes were not detected in any of the method blanks.

Field Duplicates and Laboratory Duplicates

One pair of field duplicates was submitted for TPH-g analysis. The RPD between TPH-g concentrations (3,300 µg/L and 3,000 µg/L) of 9.5 percent did not exceed the QC limit of 35 percent.

Surrogates

For all samples, the surrogate was recovered within its QC acceptance limits.

Laboratory Control Samples

LCS recoveries were within their QC acceptance ranges.

Reporting Limits and Dilutions

No dilutions were required. All reporting limits stated in the project QAPP were met.

5.1.2.3 Total Petroleum Hydrocarbons as Diesel and Motor Oil

Groundwater was not analyzed for TPH-d or TPH-mo.

5.1.2.4 Volatile Organic Compounds and Semi-Volatile Organic Compounds**Holding Time and Sample Conditions**

All samples were received within the temperature range of 4 degrees Celsius (°C) $\pm 2^{\circ}\text{C}$ and analyzed and extracted within required holding times.

Blank Contamination

Analytes were not detected in any of the method blanks or trip blanks.

Field Duplicates and Laboratory Duplicates

One pair of field duplicates was submitted for VOC and SVOC analysis. There was no significant discrepancy between the results of the pair members. All RPDs for the specific analytes were less than the QC limit of 35 percent.

Surrogates

For all samples, the surrogate was recovered within its QC acceptance limits.

Laboratory Control Samples

LCS recoveries were within their QC acceptance ranges.

Reporting Limits and Dilutions

No dilutions were required. All reporting limits stated in the project QAPP were met.

5.1.3 Data Quality Review

5.1.3.1 Soil Gas Data

Holding Times and Sample Condition

Holding time for soil gas samples in SUMMA canisters is generally considered to be 30 days, although it is not specified in the TO-15 method. Air Toxics performed the analysis within 6 days of sampling. There were no issues with any of the SUMMA canisters during the laboratory log-in process. Canisters were received intact and pressures checked at the time of log in.

Blank Contamination

Target compounds were not detected in any of the method blanks.

Field Duplicates

One pair of field duplicates (SG-1 and SG-1-Duplicate) was collected for analysis. The duplicates were collected in parallel. There were no significant discrepancies between results of the duplicate pair.

Surrogates

All surrogate recoveries fell within the QC acceptance range of 70 to 130 percent.

Laboratory Control Samples and Duplicates

Isobutylene used during soil vapor sampling as a tracer gas was not spiked in the LCS or LCSD. Isobutylene was not detected in any of the samples submitted for soil gas analysis.

Reporting Limits and Dilutions

No dilutions were required. All reporting limits stated in the project QAPP were met.

5.1.4 Overall Summary of Data Quality

Data validation indicates analytical results for soil, groundwater and soil gas are all usable for this project. None of the analytical results were rejected. The qualified data were primarily in the soil samples, where dilutions were required due to elevated target analyte concentrations in the sample matrices.

5.2 SCREENING CRITERIA

Soil analytical results were compared to the Environmental Screening Levels (ESLs) - Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater Summary "Lookup Tables", San Francisco Bay Regional Water Quality Board. Interim Final – December 2013, Summary Table C-1, Final ESLs for Deep Soils (>3m bgs), Residential Land Use, where groundwater is a current or potential source of drinking water; and the USEPA Region IX Regional Screening Levels (RSLs) for residential soil. RSLs are intended to address human health concerns regarding direct exposure to affected soils, and are generally consistent with human health risk assessment guidance prepared by the DTSC. The most recent update to the RSLs was in May 2014 (Table 1).

Groundwater analytical results were compared to the California Department of Public Health (CDPH) Maximum Contaminant Levels (MCLs), updated November 2012, which are regulatory standards for contaminant concentrations in public drinking water supplies; USEPA MCLs; and Screening Levels (SLs) for Environmental Concerns at Sites with Contaminated Soil and Groundwater Summary "Lookup Tables", San Francisco Bay Regional Water Quality Board. Interim Final – December 2013, Summary Table F-1a, Final Groundwater Screening Level, groundwater is a current or potential source of drinking water (Table 2).

Soil gas analytical results were compared to the California Environmental Protection Agency (CalEPA) California Human Health Screening Level (CHHSLs) for VOCs assuming a conservative residential scenario and buildings constructed without engineered fill below sub-slab gravel. The CHHSLs are soil-gas screening levels developed by the Office of Environmental Health Hazard Assessment (OEHHA) and released in January 2005 (a revision of the November 2004 draft publication), with subsequent revisions on September 17, 2009. The CHHSLs are not intended to be prescriptive cleanup levels, but they are useful as an initial human-health-based screening tool (Table 3).

5.3 SOIL ANALYTICAL RESULTS

Analytical results for the seventeen soil samples submitted for laboratory analysis are discussed below.

5.3.1 Metals - Lead

Lead analytical results for the soil samples are summarized in Table 1.

- Lead was detected in all seventeen samples ranging from 1.1 mg/kg to 9.8 mg/kg. None of the detections were at concentrations exceeding respective screening levels.

5.3.2 Total Petroleum Hydrocarbons

The analytical laboratory results for TPH-g, TPH-d, and TPH-mo analyses in soil are summarized in Table 1. Horizontal distribution of the detected concentrations is shown on Figure 3.

- TPH-g was detected above laboratory reporting limits in five of the seventeen samples. Concentrations ranged from 3.5 mg/kg (SB-3-110') to 10,000 mg/kg (SB-3-50') with three of the detections exceeding the RWQCB ESL of 500 mg/kg and USEPA RSL of 82 mg/kg.
- TPH-d was detected in three samples ranging in concentration from 6.1 mg/kg (HP-1-15') to 1,200 mg/kg (SB-3-50') with two of the detections exceeding the RWQCB ESL and USEPA RSL of 110 mg/kg.
- TPH-mo was detected in three samples, but all three concentrations were below the RWQCB ESL of 500 mg/kg and the USEPA RSL of 2,500 mg/kg.

5.3.3 Volatile Organic Compounds and Semi-Volatile Organic compounds

The analytical laboratory results for VOC and SVOC analyses in soil are summarized in Table 1. Horizontal distribution of the detected concentrations is shown on Figure 3.

- Benzene was detected above laboratory reporting limits in only one sample, but the concentration was below the RWQCB ESL of 0.044 mg/kg and the USEPA RSL of 1.1 mg/kg.
- Toluene was detected above laboratory reporting limits in five samples. The concentrations were below the RWQCB ESL of 2.9 mg/kg and the USEPA RSL of 5,000 mg/kg in three of the five samples. The other two samples yielded concentrations above the RWQCB ESL but below the USEPA RSL at 390 mg/kg (SB-3-50') and 19 mg/kg (SB-4-40'), respectively.
- Ethylbenzene was detected above laboratory reporting limits in three samples. Two of the three concentrations detected were above the RWQCB ESL of 3.3 mg/kg and the USEPA RSL of 5.4 mg/kg, SB-3-50' (220 mg/kg) and SB-4-40' (20 mg/kg).

- Total Xylenes were detected above laboratory reporting limits in six samples. Three of the six concentrations detected were above the RWQCB ESL of 2.3 mg/kg, SB-2-35' (60 mg/kg), SB-3-50' (1,400 mg/kg), and SB-4-40' (130 mg/kg). Two of the six concentrations detected were above the USEPA RSL of 63 mg/kg.
- MtBE was not detected above laboratory reporting limits in any soil samples collected.
- Tetrachloroethene (PCE) was detected above laboratory reporting limits in three samples. Two of the three concentrations detected were above the RWQCB ESL of 0.55 mg/kg, SB-1-115' (48 mg/kg) and SB-4-115' (14 mg/kg). One of the concentrations detected was above the USEPA RSL of 22 mg/kg.
- Chloroethane was detected in one of the seventeen samples collected, but was below the RWQCB ESL and the USEPA RSL screening levels.
- Naphthalene was detected above laboratory reporting limits in three samples. Two of the three detections were above the RWQCB ESL of 1.2 mg/kg and the USEPA RSL of 3.6 mg/kg, SB-2-35' (15 mg/kg) and SB-3-50' (20 mg/kg).
- 2-Methylnaphthlene was detected above laboratory reporting limits in three samples. Two of the three detections were above the RWQCB ESL of 0.25 mg/kg and the USEPA RSL of 230 mg/kg, SB-2-35' (21 mg/kg) and SB-3-50' (19 mg/kg). One of the concentrations detected was above the RWQCB ESL at 0.46 mg/kg (SB-4-40').

5.4 GROUNDWATER ANALYTICAL RESULTS

Groundwater samples were collected from three locations, HP-1, HP-2, and HP-3 at a depth of approximately 118 feet bgs (Figure 2). At each location, the first encountered groundwater was sampled.

5.4.1 Metals - Lead

The lead analytical results for groundwater are summarized in Table 2. Lead was detected above the laboratory detection limit in only one groundwater sample collected at 1.5 µg/L (HP-1). The concentration of the single detection did not exceed any respective screening level.

5.4.2 Total Petroleum Hydrocarbons

Analytical laboratory results for TPH-g analysis are summarized in Table 2. Horizontal distribution of the detected concentrations is shown on Figure 4.

- TPH-g was detected above laboratory reporting limits in all three of the groundwater samples and the field duplicate. Concentrations ranged from 39 µg/L (HP-2) to 3,300

µg/L (HP-3). The sample collected from location HP-3 exceeded the RWQCB SL of 100 µg/L.

5.4.3 Volatile Organic Compounds and Semi-Volatile Organic Compounds

Analytical laboratory results for VOCs and SVOCs analyses in groundwater are summarized in Table 2. Horizontal distribution of the detected concentrations is shown on Figure 4. VOCs and SVOCs detected in the samples analyzed as discussed below.

- Benzene was detected above laboratory reporting limits in only one primary sample and its field duplicate, but the detected concentration was below the CDPH MCL of 1.0 µg/L; the USEPA MCL of 5.0 µg/L; and the RWQCB SL of 1.0 µg/L.
- Toluene was detected above laboratory reporting limits in one primary sample, HP-3 at 400 µg/L, and its field duplicate. The detected concentration was above the CDPH MCL of 150 µg/L and the RWQCB SL of 40 µg/L; but below the USEPA MCL of 1,000 µg/L.
- Ethylbenzene was detected above laboratory reporting limits in one primary sample, HP-3 at 130 µg/L, and its field duplicate. The detected concentration was below the CDPH MCL of 300 µg/L and the USEPA MCL of 700 µg/L; but above the RWQCB SL of 30 µg/L.
- Total Xylenes were detected above laboratory reporting limits in two primary samples, HP-1 at 1.3 µg/L and HP-3 at 660 µg/L, and its field duplicate. The detected concentration in sample HP-1 is below all three respective screening levels. The detected concentration in sample HP-3 was below the CDPH MCL of 1,750 µg/L and the USEPA MCL of 10,000 µg/L; but above the RWQCB SL of 20 µg/L.
- MtBE was not detected above laboratory reporting limits in any groundwater samples collected.
- PCE was detected above laboratory reporting limits in all three groundwater samples and the field duplicate (HP-1 at 91 µg/L; HP-2 at 94 µg/L; and HP-3 at 77 µg/L). All three concentrations detected were above the CDPH MCL of 13 µg/L and the RWQCB SL of 5 µg/L. No USEPA MCL for PCE has been established.
- Naphthalene was detected above laboratory reporting limits in one primary sample, HP-3 at 2.1 µg/L, and its field duplicate. The detected concentrations are below RWQCB SL of 6.1 µg/L. No CDPH MCL or USEPA MCL for naphthalene have been established.

- 2-Methylnaphthlene was detected above laboratory reporting limits in one primary sample, HP-3 at 0.61 $\mu\text{g/L}$, and its field duplicate. The detected concentrations are below RWQCB SL of 2.1 $\mu\text{g/L}$. No CDPH MCL or USEPA MCL for 2-methylnaphthlene have been established.

5.5 SOIL GAS ANALYTICAL RESULTS

Soil gas samples were collected from two locations, SG-1 and SG-2 at 5 feet bgs and analyzed for oxygen and methane content and VOCs. The results are summarized in Table 3. Horizontal distribution of the detected concentrations is shown on Figure 5. Laboratory analytical and data validation reports are included in Appendix C.

The oxygen contents in both primary samples and the field duplicate were consistent for all three samples at 21 percent reported as a percent of the total vapor volume. Methane was not detected in either primary sample or the field duplicate.

A total of four VOC compounds were detected in soil gas samples. Acetone, which is ubiquitous in the environment at trace levels, was detected in all of the samples analyzed at a maximum concentration of 45 micrograms per cubic meter ($\mu\text{g/m}^3$) in sample SG-2.

The only compound detected for which CHHSLs have been established was toluene, a gasoline constituent, and was detected at a maximum concentration of 4.4 $\mu\text{g/m}^3$, substantially below the residential CHHSL of 140,000 $\mu\text{g/m}^3$. In addition, other VOCs detected and related to TPH-g without established CHHSLs comprised: ethanol, 2-propanol, and 4-methyl-2-pentanone. These compounds were detected at low concentrations ranging from 13 $\mu\text{g/m}^3$ (2-propanol in sample SG-2) to 46 $\mu\text{g/m}^3$ (ethanol in sample SG-1).

6.0 CONCLUSIONS

6.1 SOIL

Petroleum hydrocarbon contamination in onsite soil is likely related to previous site operations and has migrated to groundwater below the former UST pit location (Table 1; Figure 2).

The primary soil contaminants of concern are petroleum hydrocarbons. Relatively low concentrations of petroleum hydrocarbons were detected above the depth of 35 feet bgs. Petroleum hydrocarbons were detected at concentrations above the RWQCB ESLs and/or USEPA RSLs in soil samples collected between 35 feet bgs and 50 feet bgs at three of the six boring locations.

Figure 6 presents a cross-section diagram showing the approximate area of TPH-g concentrations in soil samples above the residential RWQCB ESL of 500 mg/kg from URS' current investigation and Technicon's 2005 investigation. The cross-section also depicts the approximate stratigraphy beneath the site based on both of these investigations. It appears that an approximately 10 to 15 foot thick layer of silty-sand and silt is impeding the downward migration of the majority of TPH contaminant at a maximum depth of about 60 feet bgs.

The RWQCB requested that "an estimate of the mass of petroleum hydrocarbons in soil" be submitted. A precise calculation of hydrocarbon mass in soil would require additional subsurface data; however based on information derived from Technicon's 2005 investigative report and the soil analytical data from the current investigation, a reasonable estimate of the mass of petroleum hydrocarbons in soil can be made. Using the volume of soil with TPH-g concentrations above RWQCB ESLs derived from Figure 6 (12,925 cubic feet); an estimated soil density for sand and silty sand of 1.5 grams per cubic centimeter; and calculations for determining mass of contamination in soil from "Site Characterization and Remedial Investigation, *Practical Design Calculations for Groundwater and Soil Remediation* (Kuo, 1999); the estimated mass of petroleum hydrocarbons in soil is approximately 27,400 lbs.

PCE was detected above the RWQCB ESLs and USEPA RSLs in deeper soil samples collected at the capillary fringe (approximately 115 feet bgs) but not in any of the shallower samples. This result suggests that PCE has been transported from an off-site source area to beneath the site in groundwater. This conclusion is further reinforced by PCE concentrations detected in groundwater samples collected during this investigation. The site is a former gasoline station, and PCE is not typically used at gasoline stations.

6.2 GROUNDWATER

It appears that petroleum hydrocarbons likely related to previous site operations have migrated to groundwater below the former UST location (Table 2; Figure 2).

The primary groundwater contaminants of concern are TPH-g and TPH derivatives toluene, ethylbenzene, and xylenes, which were detected at concentrations above the RWQCB SLs and/or USEPA MCLs in one groundwater sample and the field duplicate from the boring location directly beneath the former UST location and not detected in the groundwater samples up and down-gradient from the tank location. This sampling location was also beneath the soil sample location that yielded the highest concentrations of TPH-g and TPH derivatives, suggesting vertical migration from the residual contaminant source identified between 35 feet bgs to 50 feet bgs in that area.

PCE was detected above laboratory reporting limits in all three groundwater samples and the field duplicate. All three concentrations detected were above the CDPH MCL of 13 µg/L and the RWQCB SL of 5 µg/L. PCE was only detected in soil in deeper samples collected at the capillary fringe. This result suggests that PCE has been transported from an off-site source area to beneath the site in groundwater.

6.3 SOIL GAS

Soil gas analytical results suggest that vapor intrusion is not a threat at the site. The primary soil gas samples yielded low concentrations of five VOCs. The only compound detected for which CHHSLs have been established was toluene, which was detected at a maximum concentration of 4.4 µg/m³, well below the residential CHHSL of 140,000 µg/m³. Other VOC compounds without established CHHSLs were detected at low concentrations ranging from 13 µg/m³ to 46 µg/m³.

The oxygen content in both primary samples and the field duplicate was consistent for all three samples at 21 percent reported as a percent of the total vapor volume.

6.4 POTENTIAL THREAT TO HUMAN HEALTH OR THE ENVIRONMENT

Relatively low concentrations of petroleum hydrocarbons were detected in soil shallower than a depth of 30 feet bgs. Elevated concentrations of TPH-g were detected in three soil samples collected between 35 and 50 feet bgs (SB-2-35'; SB-3-50'; and SB-4-40'). The highest TPH-g concentration of 10,000 mg/kg was detected at 50 feet bgs beneath the former UST location, and is well above the residential RWQCB ESL of 500 mg/kg.

Toluene, ethylbenzene, xylenes, naphthalene, and methylnaphthalene were detected well above their respective residential RWQCB ESLs in the same 50-feet bgs sample. These concentrations pose a risk to human health and the environment based upon potential contaminant migration to groundwater. Use of the property for unrestricted development would not be recommended without additional sampling, and potentially a formal risk assessment, remedial actions, and/or engineering controls to mitigate potential risks.

PCE groundwater contamination at the site exceeds the CDPH MCL of 13 µg/L and the RWQCB SL, with a maximum concentration of 94 µg/L at HP-2. This groundwater contamination is not believed to be associated with previous site operations. Because groundwater at the site is not currently used for drinking water, and soil gas concentrations do not exceed risk-based levels for vapor intrusion, the presence of elevated concentrations of PCE in groundwater at the site does not appear to pose an immediate threat. However, additional monitoring of groundwater and/or soil gas at the site may be desired to confirm that there is no ongoing threat to human health and the environment.

There are no open bodies of water within 1,000 feet of the site. The closest body of water is the Fresno Colony Canal located approximately 1.5 miles south of the site.

According to City of Fresno records, the closest water supply well to the site is Production Well 3A, located approximately 1,200 feet southwest of the site. The well is listed as "Active." No other municipal water supply wells are located within 2,000 feet of the site.

According to the California Department of Water Resources (DWR) online Water Data Library Station Map, the closest monitored well to the site is State Well Number 14S20E10M001M; Local Well ID: 03, located approximately 1,100 feet east of the site. The well use is listed as "Unknown" and the last data entry for the well was January 2009 (DWR, 2013).

7.0 RECOMMENDATIONS

7.1 SOIL VAPOR EXTRACTION PILOT TEST

Based on the results from the 2005 Technicon investigation and the current URS investigation, it appears that a volume of soil significantly impacted with petroleum hydrocarbons is present beneath the former UST location, between approximately 30 feet bgs and 60 feet bgs (Figure 6). Downward contaminant migration from this soil volume appears to be impeded by stratigraphic constraints.

URS recommends that a SVE pilot test be conducted to evaluate whether SVE would be an effective method of remediation for the site. Subsequent to the SVE pilot test, a final report should be prepared including a remedial action plan (RAP) in accordance with Article 11, Chapter 16, Underground Storage Tank Regulations.

Costs associated with the SVE pilot test would be approximately \$50,000 and would include: well installation (1 pair of dual-nested extraction wells and 1 pair of dual-nested observation wells), San Joaquin Valley Air Pollution Control Board permitting, rental and operation of a temporary SVE unit, collection of soil and soil gas samples, laboratory analyses, disposal of investigation-derived waste, and a report. It is recommended that the soil borings be surveyed, so that the location can be referenced once the existing features on the site have been demolished. Well destruction costs for the SVE and observation wells are not included in this estimate.

7.2 SOIL REMEDIATION

Based on the results of the SVE pilot test investigation, a RAP should be developed for full-scale SVE operation or potentially an alternative remediation method. Estimating the cost to implement the RAP and the chosen remedial alternative should be done after additional pilot test data are available.

7.3 GROUNDWATER REMEDIATION

Significant petroleum hydrocarbons were detected in the groundwater sample from the boring location directly beneath the former UST location, but only low concentrations were detected in the groundwater samples up- and down-gradient from the tank location. PCE contamination in groundwater exceeds MCLs at all areas of the site, however no historical source of PCE has ever been identified onsite and PCE was not detected in soil samples above the capillary fringe.

Prior to initiating any groundwater remedial action, additional groundwater sampling is recommended to better assess concentrations in groundwater, determine the lateral extent of the shallow groundwater plume if any, and determine whether contamination is migrating off site. Since grab groundwater data are typically considered screening-level data, groundwater

monitoring well installation should be considered. The objectives would be to assess the groundwater flow direction and gradient at the site, and to provide future points for groundwater monitoring. This would require the installation of up to three permanent monitoring wells, which should be protected during any construction to remain accessible after redevelopment.

Costs associated with drilling, well construction, well development, sampling, laboratory analyses, disposal of investigation-derived waste, surveying, and reporting would be approximately \$25,000 for three monitoring wells. Long term costs for monitoring, laboratory analyses, waste disposal, and well destruction are not included in this estimate.

8.0 REFERENCES

- CalEPA, 2012. California Environmental Protection Agency, Department of Toxic Substances Control. *Advisory—Active Soil Gas Investigations*. April.
- DWR, 2013. California Department of Water Resources. Water Data Library (WDL) Station Map. <http://www.water.ca.gov/waterdatalibrary/>
- Kuo, J., 1999. "Site Characterization and Remedial Investigation," Practical Design Calculations for Groundwater and Soil Remediation. Boca Raton: CRC Press LLC.
- Norris, R.M. and Webb, R.W., 1990, *Geology of California* (second edition). John Wiley and Sons. New York.
- RWQCB, 2013. Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater Summary "Lookup Tables". San Francisco Bay Regional Water Quality Board. Interim Final. Summary Table C-1. Final ESLs Deep Soils (>3m bgs), Residential Land Use, Groundwater is a Current or Potential Source of Drinking Water. December. http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/ESL/Lookup_Tables_Dec_2013_Detail.pdf
- Technicon, 2005. Subsurface Assessment Abandoned Service Station, Fresno, California, *Samples Collected May 25 and June 6 through June 8, 2005*. September.
- URS, 2013. Phase II Environmental Site Assessment Work Plan, Assessor's Parcel Number 467-081-16T, 655 G Street, City of Fresno, County of Fresno, California 93706. December.
- USEPA, 2013. Summary Table - Resident Soil; Generic screening levels are provided for multiple exposure pathways and for aromatic petroleum chemicals with both carcinogenic and non-carcinogenic effects. November. <http://www.epa.gov/region9/superfund/prg/>
- WRCC, 2008. National Oceanic and Atmospheric Administration, Western Regional Climate Center, 2008. Internet website, <http://www.wrcc.dri.edu/htmlfiles/citycompppt.html>. Period of record for City of Fresno mean annual precipitation calculation was 1949 to 2006.

TABLES

Table 1
Soil Sampling Analytical Results for TPH, SVOCs, VOCs, and Lead
Phase II ESA 655 G Street Fresno, CA
April 2014

Soil Boring ID	Depth of Sample (feet bgs)	Sample Date	PID Measurement (ppm)	TPH-g (mg/kg)	TPH-d (mg/kg)	TPH-mo (mg/kg)	SVOCs*			VOCs*							Metals	
							Naphthalene (mg/kg)	2-Methylnaphthalene (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MIBK (mg/kg)	PCE (mg/kg)	Chloroethane (mg/kg)	Lead (mg/kg)		
SB-1	25	4/7/2014	750	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5	
SB-1	35	4/7/2014	950	ND	NA	NA	ND	ND	*	ND	ND	ND	ND	ND	ND	ND	3.9	
SB-1	105	4/7/2014	12	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	
SB-1	115	4/8/2014	4,000	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	48	ND	ND	3.6	
SB-2	35	4/11/2014	2,400	700	1,000	24	15	21	ND	0.023	1.7	60	ND	ND	ND	ND	6.9	
SB-2	110	4/21/2014	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.8	
SB-2 (Duplicate)	110	4/21/2014	150	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	
SB-3	5	4/23/2014	3,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3	
SB-3	10	4/23/2014	95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	
SB-3	50	4/23/2014	3,600	10,000	1,200	18	20	19	ND	390	220	1,400	ND	ND	ND	ND	2.9	
SB-3	105	4/23/2014	100	15	ND	ND	ND	ND	ND	0.021	*	0.02	ND	ND	ND	ND	3.7	
SB-3	110	4/24/2014	200	3.5	ND	ND	ND	ND	ND	0.24	*	0.24	ND	0.011	ND	ND	1.6	
SB-4	40	4/8/2014	3,000	770	NA	NA	0.42	0.46	0.022	19	20	130	ND	ND	0.015	ND	9.8	
SB-4	65	4/8/2014	12	ND	NA	NA	ND	ND	ND	*	*	0.026	ND	ND	ND	ND	1.9	
SB-4	70	4/10/2014	1,900	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	1.8	
SB-4	115	4/10/2014	60	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4	
BP-1	15*	4/22/2014	10,000	ND	6.1	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	
BP-2	50*	4/21/2014	1,250	ND	ND	ND	ND	ND	ND	2.9	3.3	2.3	0.023	0.55	1.1	80		
				CRWQCB ESL	500	110	1.2	0.25	0.044	5000	5.4	63	43	22	15,000	400		
				USEPA RSL	82	110	3.6	230	1.1									

Note: ESL = Environmental Screening Levels - Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater Summary "Lookup Tables". San Francisco Bay Regional Water Quality Board, Interim Final - December 2013. Summary Table
C-1. Final ESLs Deep Soils (>3m bgs), Residential Land Use, Groundwater is a Current or Potential Source of Drinking Water
RSL = Regional Screening Level; USEPA Summary Table, May 2014; Generic SLs are provided for multiple exposure pathways and for aromatic** petroleum chemicals with both carcinogenic and noncarcinogenic effects.

Shaded cell = exceeds ESLs and/or RSLs

TPH-g = total petroleum hydrocarbons as gasoline (C₉-C₁₂) by EPA 8015B

TPH-d = total petroleum hydrocarbons as diesel (C₁₀-C₂₈) by 8015B

TPH-mo = total petroleum hydrocarbons as motor oil (C₉-C₃₅) by 8015B

VOCs = Volatile Organic Compounds by EPA 8260B

SVOCs = Semivolatile organic compounds by EPA 8270C

Metals analysis by EPA 6020

MIBK = Methyl tertiary butyl ether

PCE = Tetrachloroethylene

bgs = below ground surface

ppm = parts per million

mg/kg = milligrams per kilogram

ND = analyte was not detected at or above the laboratory reporting limit

NA = not analyzed

NE = not established

* Estimated depth; sample consisted of soil cuttings collected at the surface

** Analytes with estimated values (I values) are not summarized in this table

** Aromatic = A group of hydrocarbons and their derivatives characterized by the presence of the benzene ring. (reference Table in Section 5.1.1, USEPA RSL Table User's Guide, May 2014)

Table 2
Groundwater Sampling Analytical Results for TPH, SVOCs, VOCs, and Lead
Phase II ESA 655 G Street Fresno, CA
April 2014

Sample ID	Sample Date	Sample Depth (feet bgs)	TPH-g (µg/L)	SVOCs*			Volatile Organic Compounds*					Metals Lead (µg/L)
				Naphthalene (µg/L)	2-Methylnaphthalene (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	PCE (µg/L)	
HP-1	4/23/2014	118	40	ND	ND	ND	*	ND	1.3	ND	91	1.5
HP-2	4/22/2014	118	39	ND	ND	ND	ND	ND	ND	ND	94	ND
HP-3	4/24/2014	118	3,300	2.1	0.61	0.66	400	130	660	ND	77	ND
HP-3 (Duplicate)	4/24/2014	118	3,000	1.5	0.65	0.64	420	130	680	ND	76	*
		CDPH MCL	NE	NE	NE	1	150	300	1,750	13	13	15
		USEPA MCL	NE	NE	NE	5	1,000	700	10,000	NE	NE	15
		CRWQCB SL	100	6.1	2.1	1	40	30	20	5	5	2.5

Notes:

USEPA = U.S. Environmental Protection Agency
 CDPH = California Department of Public Health (California Code of Regulations (CCR) Title 22 Drinking Water Criteria)
 CRWQCB SL = Screening Level for Environmental Concerns at Sites with Contaminated Soil and Groundwater Summary "Lookup Tables". San Francisco Bay Regional Water Quality Board. Interim Final – December 2013. Summary Table F-1a. Final Groundwater Screening Level, Groundwater is a Current or Potential Source of Drinking Water
 Shaded cell = exceeds CDPH, USEPA, or CRWQCB MCLs and/or SL
 MCL = Maximum Contamination Level; (USEPA Regional Screening Level (RSL) Summary Table November 2012)
 µg/L = micrograms per liter
 bgs = below ground surface
 TPHg = total petroleum hydrocarbons as gasoline (C₆-C₁₂) by EPA 8015B
 VOCs = volatile organic compounds by EPA 8260B
 SVOCs = Semivolatile organic compounds by EPA 8270C
 MtBE = methyl tertiary butyl ether
 PCE = Tetrachloroethylene
 ND = analyte was not detected at or above the laboratory reporting limit
 NA = not analyzed
 NE = not established
 * Analytes with estimated values (J values) and analytes of concern with minor concentrations are not summarized in this table

Table 3
Analytical Results for Soil Vapor
Phase II ESA 655 G Street Fresno, CA
April 2014

Soil Vapor Probe ID	Depth of Sample (feet bgs)	Oxygen (%) (by Method ASTM D-1945)	Carbon Dioxide (%) (by Method ASTM D-1945)	Methane (%) (by Method ASTM D-1945)	VOCs by EPA Method TO-15 (only detected analytes are shown)**			
					Ethanol	Acetone	2-Propanol	4-Methyl-2-pentanone
SG-1	5.0	21.0	0.31	ND	46	31	17	20
SG-1 (Duplicate)	5.0	21.0	0.36	ND	48	34	18	28
SG-2	5.0	21.0	0.059	ND	40	45	13	22
Cal EPA CHHSL		NA	NA	NA	NE	NE	NE	NE
140,000								

* Reported as a percent of the total vapor volume

bgs = below ground surface

VOCs = volatile organic compounds

CalEPA CHHSL = California Environmental Protection Agency California Human Health Screening Level Soil-Gas-Screening Numbers for Volatile Chemicals below Buildings Constructed without Engineered Fill below Sub-slab Gravel

NA = not applicable

NE = not established

ND = not detected above laboratory detection limits

**All VOC results in micrograms per cubic meter (ug/m³) unless otherwise stated

FIGURES



Bing Maps, Inc., May 2014

SITE LOCATION MAP

Phase II Environmental Site Assessment

Parcel 46708116T

May 2014

18715311

655 G Street

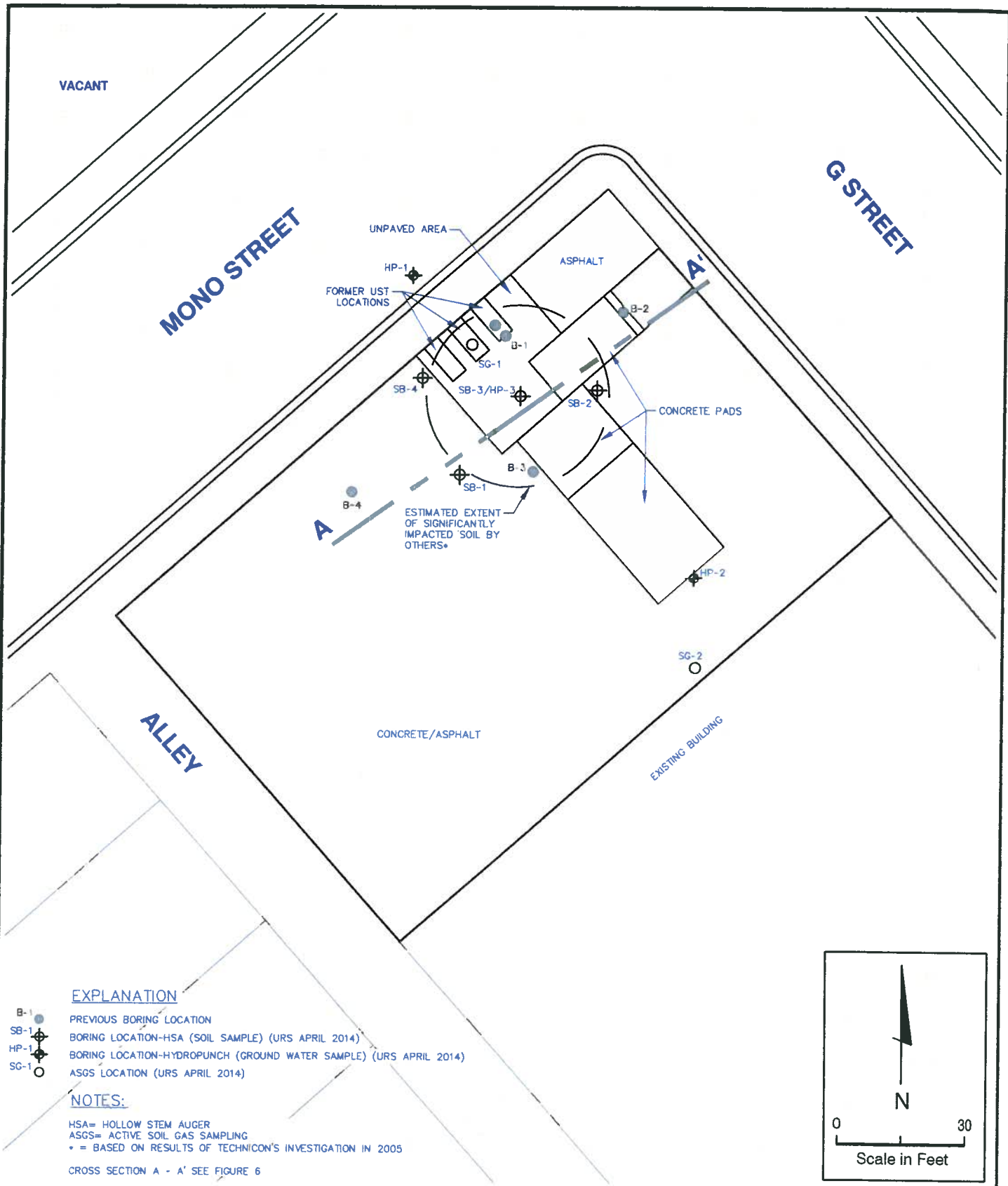
Fresno, California

FIGURE 1

URS



P:\FRESNO CITY - ALL\Fresno RDA Brownfields Grant_2013\3.0 Technical Info-Data-Calculation\APPROVED FOR PHASE II\47-001-187-005 EP02.2 SAMPLING LOCATIONS.dwg User: Arlene J. Jelinek Plot Date: Jun 09, 2014 - 3:46pm Last Save: Jun 09, 2014 - 3:43pm

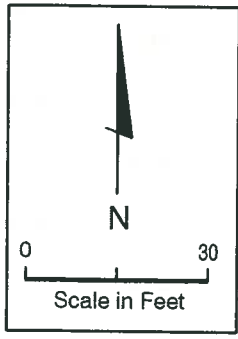


EXPLANATION

- B-1 PREVIOUS BORING LOCATION
- SB-1 BORING LOCATION-HSA (SOIL SAMPLE) (URS APRIL 2014)
- HP-1 BORING LOCATION-HYDROPUNCH (GROUND WATER SAMPLE) (URS APRIL 2014)
- SG-1 ASGS LOCATION (URS APRIL 2014)

NOTES:

HSA= HOLLOW STEM AUGER
ASGS= ACTIVE SOIL GAS SAMPLING
* = BASED ON RESULTS OF TECHNICON'S INVESTIGATION IN 2005



30 River Park Place West Suite 180
Fresno, CA 93720
TEL: 559.256.1444
FAX: 559.256.1478

FOR:
SUCCESSOR AGENCY TO THE CITY OF
FRESNO REDEVELOPMENT AGENCY
EPA BROWNFIELDS ASSESSMENT
GRANT

JOB NUMBER:
18715311

DRAWN BY:
AM

**PHASE II
SAMPLING LOCATIONS**
PARCEL 46708116T
655 G STREET, FRESNO, CA.

CHECKED BY:
DRK

APPROVED BY:
FLG

FIGURE:
2
DATE:
MAY 2014

VACANT

MONO STREET

G STREET

ALLEY

UNPAVED AREA

FORMER UST LOCATIONS

ESTIMATED EXTENT OF SIGNIFICANTLY IMPACTED SOIL BY OTHERS*

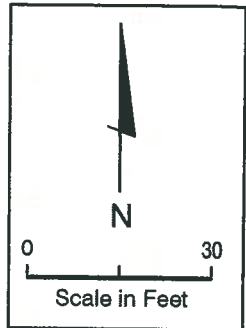
CONCRETE PADS

CONCRETE PAD

CONCRETE PAD

CONCRETE/ASPHALT

EXISTING BUILDING



SB-4-40' bgs	
TPHg	700
2-Methylnaphthalene	0.48
Ethylbenzene	20
Total Xylenes	130
SB-4-115' bgs	
PCE	14

SB-1-115' bgs	
PCE	48

SB-3-50' bgs	
TPHg	10,000
TPHd	1,200
Naphthalene	20
2-Methylnaphthalene	19
Toluene	390
Ethylbenzene	220
Total Xylenes	1,400

SB-2-35' bgs	
TPHg	700
TPHd	1,000
Naphthalene	19
2-Methylnaphthalene	21
Total Xylenes	60

EXPLANATION

- B-1 ● PREVIOUS BORING LOCATION
- SB-1 ⊕ BORING LOCATION-HSA (SOIL SAMPLE) (URS APRIL 2014)
- HP-1 ⊕ BORING LOCATION-HYDROPUNCH (GROUND WATER SAMPLE) (URS APRIL 2014)
- SG-1 ○ ASGS LOCATION (URS APRIL 2014)
- ESL ENVIRONMENTAL SCREENING LEVELS-SCREENING FOR ENVIRONMENTAL CONCERNS AT SITES WITH CONTAMINATED SOIL AND GROUNDWATER SUMMARY "LOOKUP TABLES", SAN FRANCISCO BAY REGIONAL WATER QUALITY BOARD, INTERIM FINAL-DECEMBER 2013. SUMMARY TABLE C-1
- RSL REGIONAL SCREENING LEVEL; USEPA SUMMARY TABLE-RESIDENT SOIL; MAY 2014; GENERIC SLs ARE PROVIDED FOR MULTIPLE EXPOSURE PATHWAYS AND FOR AROMATIC PETROLEUM CHEMICALS WITH BOTH CARCINOGENIC AND NONCARCINOGENIC EFFECTS.
- TPHg TOTAL PETROLEUM HYDROCARBONS AS GASOLINE (C₆-C₁₂) BY EPA 8015B
- TPHd TOTAL PETROLEUM HYDROCARBONS AS DIESEL (C₁₃-C₂₈) BY 8015B
- VOCs VOLATILE ORGANIC COMPOUNDS BY EPA 8260B
- SVOCs SEMIVOLATILE ORGANIC COMPOUNDS BY EPA 8270C
- PCE TETRACHLOROETHYLENE
- bgs BELOW GROUND SURFACE
- mg/kg UNITS IN MILLIGRAMS PER KILOGRAM
- **AROMATIC A GROUP OF HYDROCARBONS AND THEIR DERIVATIVES CHARACTERIZED BY THE PRESENCE OF THE BENZENE RING. (REFERENCE TABLE IN SECTION 5.11, USEPA RSL TABLE USER'S GUIDE; NOVEMBER 2013)

NOTES:

- HSA= HOLLOW STEM AUGER
- ASGS= ACTIVE SOIL GAS SAMPLING
- * = BASED ON RESULTS OF TECHNICON'S INVESTIGATION IN 2005



30 River Park Place West Suite 180
Fresno, CA 93720
TEL: 559.256.1444
FAX: 559.256.1478

FOR:

SUCCESSOR AGENCY TO THE CITY OF
FRESNO REDEVELOPMENT AGENCY
EPA BROWNFIELDS ASSESSMENT
GRANT

JOB NUMBER:
18715311

DRAWN BY:
AM

TPH/SVOC/VOC DETECTIONS ABOVE ESL/RSL IN SOIL SAMPLES

PARCEL 46708116T
655 G STREET, FRESNO, CA.

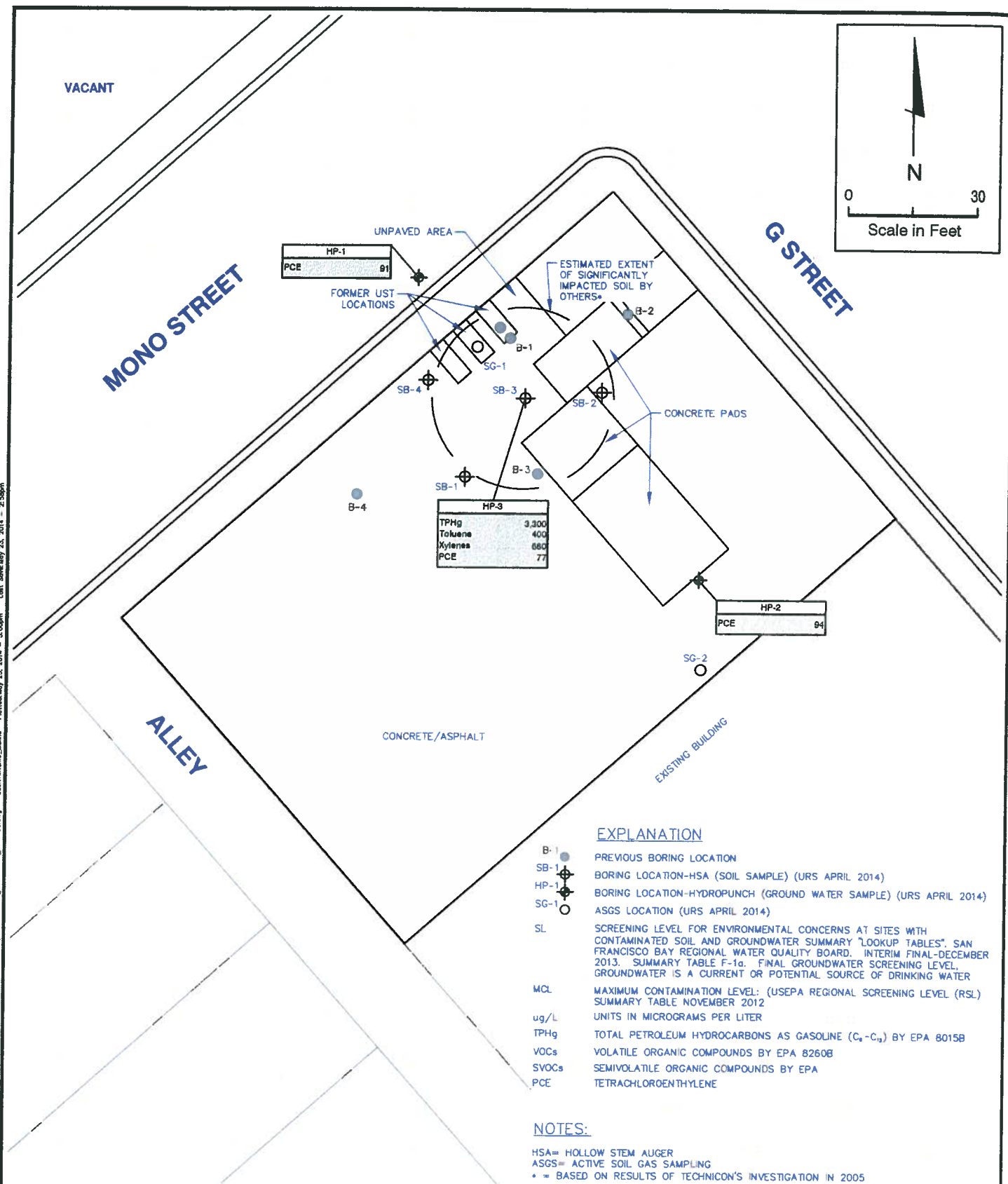
CHECKED BY:
DRK

APPROVED BY:
FLG

FIGURE:

3

DATE:
MAY 2014



FOR:



30 River Park Place West Suite 180
Fresno, CA 93720
TEL: 559.256.1444
FAX: 559.256.1478

SUCCESSOR AGENCY TO THE CITY OF
FRESNO REDEVELOPMENT AGENCY
EPA BROWNFIELDS ASSESSMENT
GRANT

JOB NUMBER:
18715311

DRAWN BY:
AM

**TPH/VOC DETECTIONS ABOVE
MCL/SL IN GROUND WATER SAMPLES**

PARCEL 46708116T
655 G STREET, FRESNO, CA.

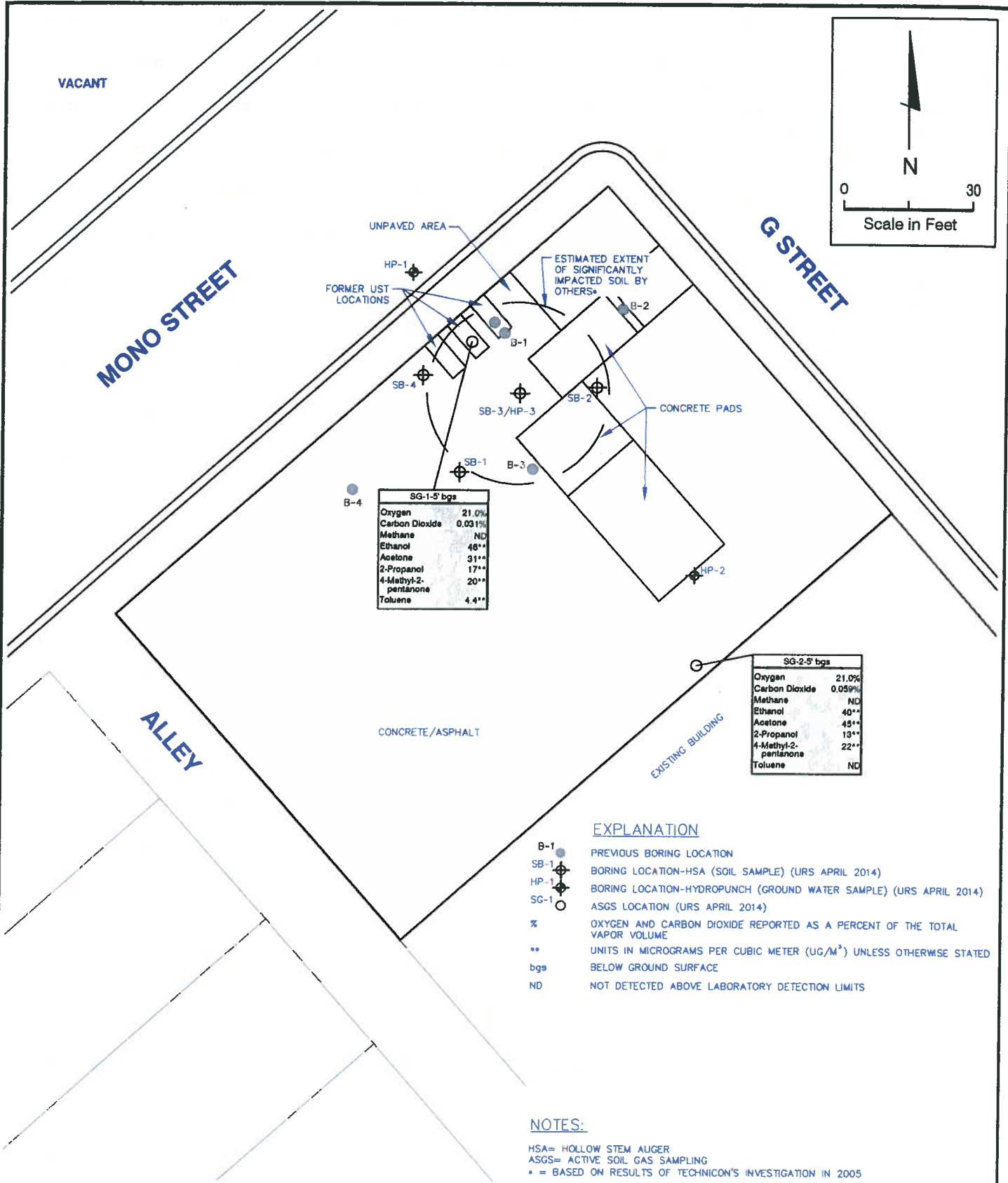
CHECKED BY: DRK

APPROVED BY:
FLG

FIGURE:

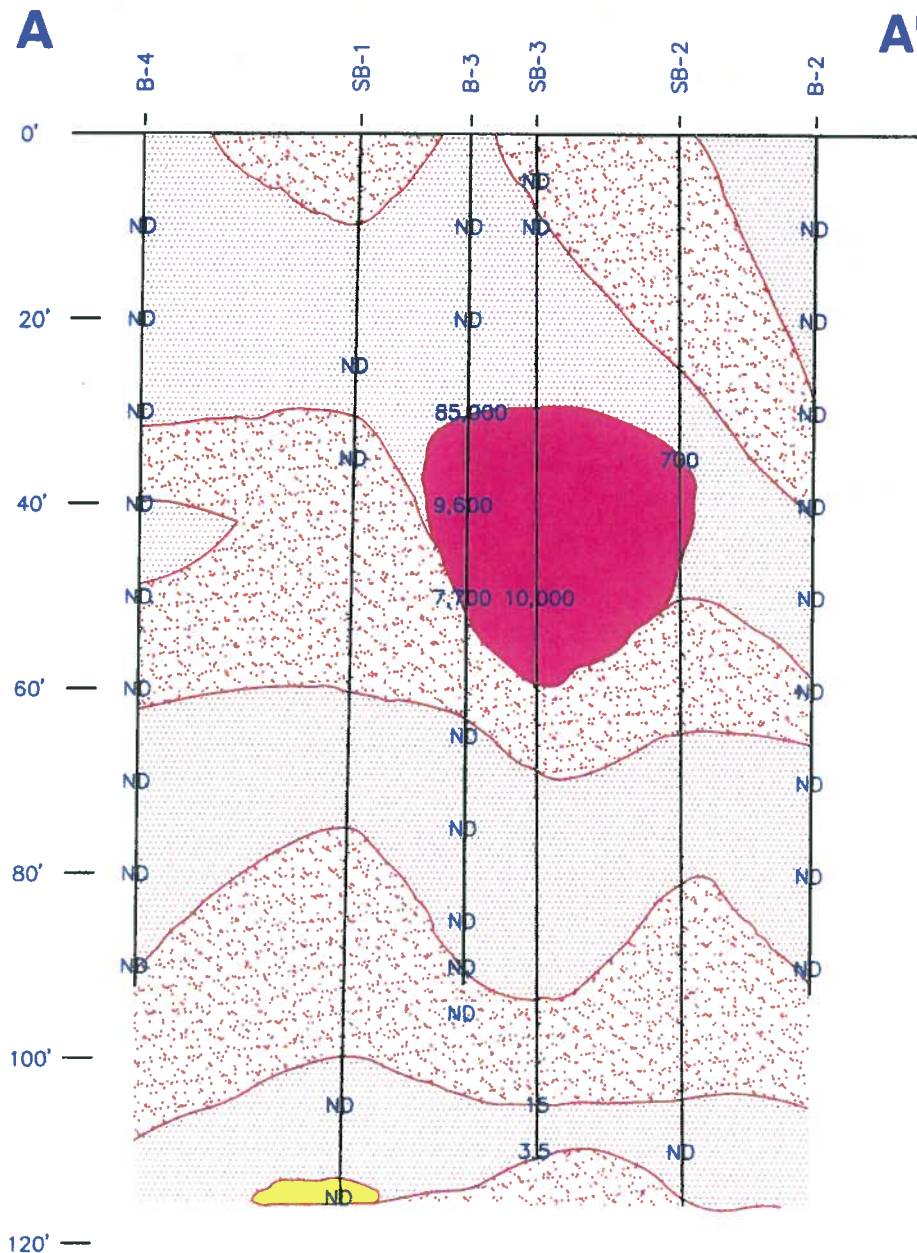
4

DATE: MAY 2014



URS 30 River Park Place West Suite 180 Fresno, CA 93720 TEL: 559.256.1444 FAX: 559.256.1478	FOR:	SUCCESSOR AGENCY TO THE CITY OF FRESNO REDEVELOPMENT AGENCY EPA BROWNFIELDS ASSESSMENT GRANT		ANALYTICAL DETECTIONS IN SOIL GAS SAMPLES PARCEL 46708116T 655 G STREET, FRESNO, CA.		FIGURE: 5
	JOB NUMBER: 18715311	DRAWN BY: AM	CHECKED BY: FLG	APPROVED BY: FLG	DATE: MAY 2014	

DEPTH IN FEET BELOW GROUND SURFACE (bgs)

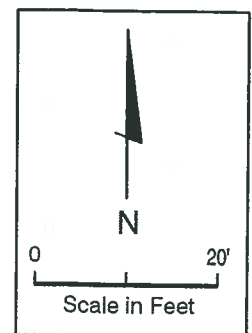


EXPLANATION

- APPROXIMATE EXTENT OF SOIL WITH PCE CONCENTRATIONS ABOVE RWQCB ESLS AND/OR USEPA RSLs (TABLE 1)
- APPROXIMATE EXTENT OF SOIL WITH TPH, VOC AND SVOC CONCENTRATIONS ABOVE RWQCB ESLS AND/OR USEPA RSLs (TABLE 1)
- SAND, SILTY SAND
- SANDY SILT, SILT
- ND NOT DETECTED ABOVE LABORATORY REPORTING LIMITS
- TPH-g CONCENTRATIONS (IN MILLIGRAMS PER KILOGRAM) IN SOIL SAMPLES ARE POSTED FOR EACH BORING.
- B-2, B-3, B-4 (TECHNICON 2005)
- SB-1, SB-2, SB-3 (URS APRIL 2014)

NOTES:

FIRST ENCOUNTERED GROUNDWATER - 115' bgs



URS

30 River Park Place West Suite 180
Fresno, CA 93720
TEL 559 256 1444
FAX 559 256 1478

FOR:
SUCCESSOR AGENCY TO THE CITY OF
FRESNO REDEVELOPMENT AGENCY
EPA BROWNFIELDS ASSESSMENT
GRANT

JOB NUMBER:
18715311

DRAWN BY:
AM

PHASE II CROSS-SECTION A-A'

PARCEL 46708116T
655 G STREET, FRESNO, CA.

CHECKED BY:
DRK

APPROVED BY:
FLG

FIGURE:

6

DATE:
MAY 2014

APPENDIX A
DRILLING PERMIT



PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES DIVISION
2600 FRESNO ST. 4th FLOOR RM. 4019
FRESNO, CA 93721-3623
Phone # (559) 621-8686 or 8690
Fax # (559) 488-1045

PERMIT APPLICATION TO INSTALL, MODIFY, AND DESTROY WELLS

Pursuant to Fresno Municipal Code, Chapter 6, Article 4, an application is hereby made to the City of Fresno for permission to install, modify, abandon, or destroy well(s) within the City at: (Check one) 5 Private Property 1 Public Right-of-Way (Wells located in Public Right-of-Way will require an additional and separate agreement.)
Permit Application Fee and other Fees are based on the current City of Fresno's Master Fee Schedule and must be paid with the submission of this Application.

WELL ADDRESS 655 G STREET FRESNO, CA

APN 467-081-16T PERMIT DATE 3/25/14 PERMIT # 2014-036

TYPE OF WORK NEW WELL WELL REHAB ABANDONMENT DESTRUCTION (OTHER)

I hereby state that all the information provided herein is complete, true, and correct. I have carefully read the condition on page 2 of this application. I further understand this permit must be approved before any work is started, and that the work shall comply with all conditions as described in this permit application.

Applicant FRANK GEGUNDE, URS CORP Signature [Signature] Date 3/25/14
Address 30 RIVER PARK PLANE WEST, #180, FRESNO, CA Phone 559-256-1468(0) Fax 559-256-1478

I hereby state that I have received, understand, and shall comply with any and all conditions specified in this permit application.

Owner SUCCESSOR AGENCY TO THE REDEVELOPMENT AGENCY FOR THE CITY OF FRESNO, CA Signature [Signature] Date 3-25-14
Address 2344 TULARE ST. FRESNO, CA 93721 Phone 559-621-7605 Fax 559-488-1870

I hereby state that the information provided herein is complete, true, and correct. I also understand that all work is to comply with: the California Well Standards, the conditions of this permit application, and when applicable this work will be conducted in conformance with CAL EPA (DTSC) Guidelines. I certify that I have a C-57 Contractor's License and, if I employ workers, have a current Certificate of Workers Compensation Insurance, which is attached.

Signature John Jones - Drilling Manager Workers Comp Insurance SEE ATTACHED SHEET

Contractor TECHNICON F&G SERVICES License No. CST-767888 Expiration Date 9/1/14
Address 4525 N. BOWLING, #108, FRESNO, CA 93722 Phone 559-276-9311 Fax 559-276-9344

Consultant FRANK GEGUNDE, URS CORP Registration No. 7998 RG/CEG Expiration Date 6/30/15
Address 30 RIVER PARK PLANE WEST, #180, FRESNO, CA Phone 559-256-1468(0) Fax 559-256-1478

Lead Regulatory Agency CA RWQCB (USEPA FUNDED) Phone 559-230-9876(0) Date 12/10/13
Contact Person KEN JONES Phone 559-488-4391 Fax

TYPE OF WELL		NEAREST FACILITIES	
(Check an Appropriate line in each column)		(Show on Map)	Distance
☒ MONITORING WELL			
☒ GROUNDWATER	☒ SAMPLING	SEWER LINE	
☒ SOIL	☐ EXTRACTION	SEPTIC TANK	
☐ SOIL/VAPOR	☐ INJECTION	LEACH FIELD	
☐ AIR/GAS		WATER WELL	
☐ OTHER		OTHER	
WATER SUPPLY WELL		WELL(S) ID	
☐ DOMESTIC	☐ OPEN BOTTOM	City	Private
☐ MUNICIPAL	☐ GRAVEL PACKED	WELL	
☐ AGRICULTURAL	☐ OTHER	WELL	
☐ INDUSTRIAL			
DRILLING METHOD			
(Check Drilling Method)			
☐ CASING DRIVEN	☒ AUGER		
☐ CABLE TOOL	☐ DIR ROTARY		
☐ HARD ROCK	☐ REV ROTARY		
☐ OTHER			

SEE ATTACHED FIGURE 2:
SB = SOIL BONDING LOCATION
HP = HYDROPUNCTURE LOCATION

WELL LOCATION MAP NTS

WELL CONSTRUCTION SPECIFICATIONS

WELL DESTRUCTION SPECIFICATION

Drill or Place	Length	from	to	Dia	Material	Gauge	Slot size
Borehole					na	na	na
Conductor							na
Blank Casing							na
Screen Casing							na
Annular Seal					na	na	na
Gravel Pack					na	na	na
Drilling Fluid							
SPECIAL CONDITIONS <u>N/A</u> Incomplete Date							
The destruction of all wells within the jurisdiction of the City Of Fresno Water Division shall conform to the State of California Department of Water Resources Standard Bulletins 74-81 & 74-80, and as directed by the City Of Fresno Water Division.							
DIAMETER OF WELL				INSPECTION DATE			
CASING MATERIAL				COMP (DWR) DATE			
WATER LEVEL				SUBMIT DVD OF WELL			
DEPTH OF WELL				INSTALL TREMIE PIPE TO			
DEPTH TO PERF				PLACE CEMENT AND SAND GROUT TO			
DEPTH OF CASING				PLACE NEAT CEMENT GROUT TO			
WELL VOLUME				PRESSURIZE GROUT TO PSI FOR			
GROUT ESTIMATE							
Official Use Only				Approved Denied			
Water System Manager <u>[Signature]</u>				Date <u>3/25/14</u>			
Engineering Services Manager				Date			
Public Works Director				Date			

DPU Fee 955.00 PERMIT 2014-036 Date Pd 3/25/14
PW Fee 955.00 CM No. Date Pd 3/25/14
EA Fee CM No. Date Pd
DPU E/O hrs. X MFS TOTAL Date Pd

MONITORING WELL PERMIT**GENERAL CONDITIONS**

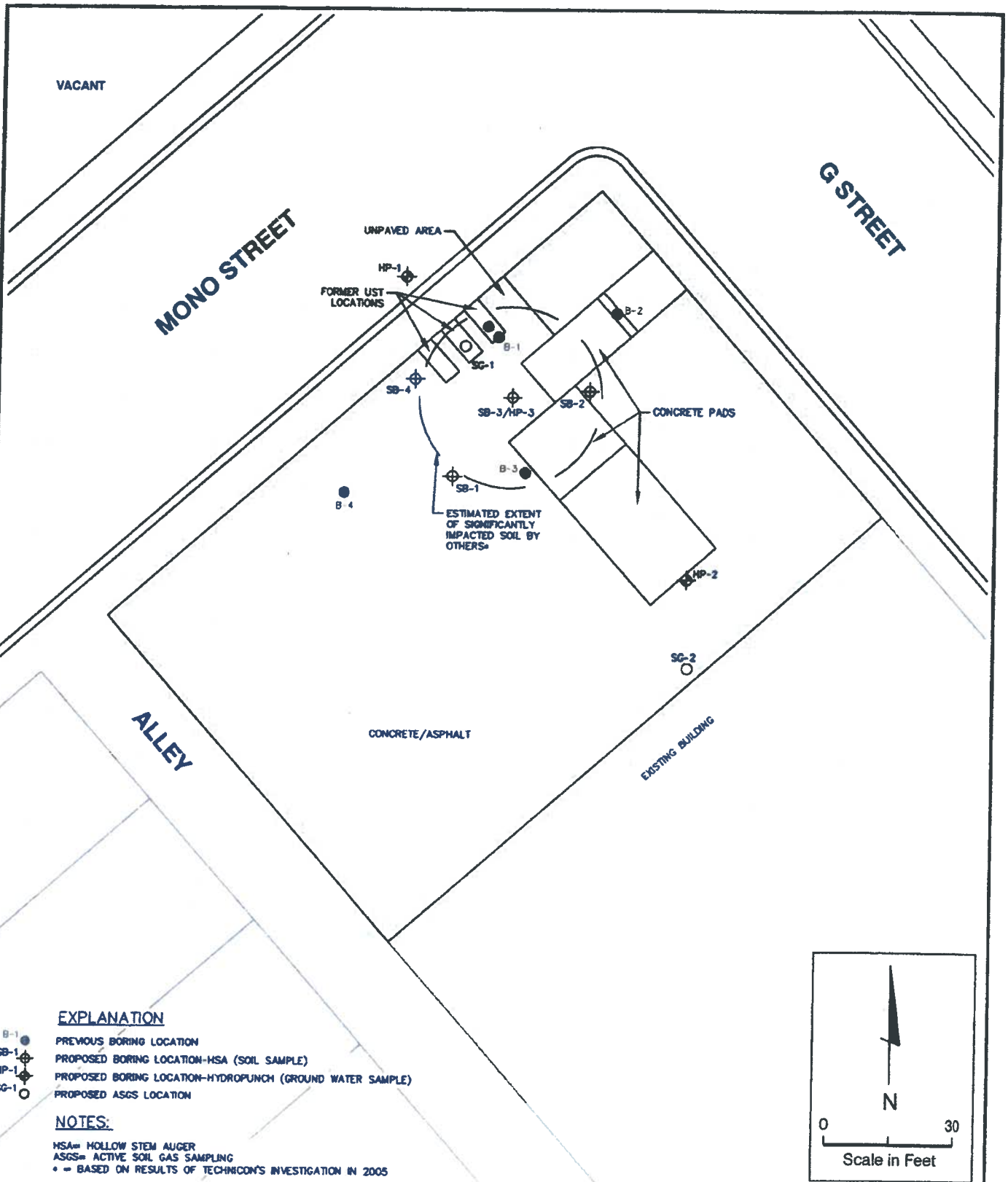
(Installation within Private Property)

- A** The City of Fresno grants permission to install a monitoring well(s) at the referenced location and for purpose described herein, subject to all conditions and provisions of Chapter 6, of the Fresno Municipal code, and to any and all other applicable Federal, State and local standards, codes, ordinances, and the following:
- 1 The applicant, the owner and their representatives acknowledge that the city is not responsible for any liability arising from any work related to this permit.
 - 2 The applicant acknowledges the proposed work will be permitted by the City only if said work complies with all applicable standards, codes and ordinances.
 - 3 Upon completion of the work, the applicant shall submit two copies of the consultant's environmental report(s) to Public Works Engineering; including but not limited to: Well Driller's Report, lithological logs, analytical results of samples, findings, evaluations, and conclusions. The applicant shall also provide construction diagram(s) for the finished well(s), and a scaled asbuilt location map.
 - 4 The owner acknowledges that the proposed work is part of an environmental assessment or re-mediation program as directed by a regulatory agency with the scope of work based on a work-plan approved by said agency.
 - 5 This permit shall in way be construed as a grant by the City of any right to the owner, applicant and or their representatives to trespass upon land rightfully in the possession of, or owned by, another, whether such land be privately or publicly owned.
 - 6 If installation of a monitoring well(s) is required on property in the possession of, or owned by, another, whether public or private, the applicant shall provide written authorization from the property owner granting permission to enter said property for the purpose of installing and maintaining the well(s).
 - 7 Applicant hereby agrees to comply with the conditions stated above and any additional conditions, which may be required by the City as, deemed necessary to insure compliance with any and all applicable ordinances.

Please Initial _____

**WATER WELL PERMIT****SECTION 6-402. WELL DRILLING PROHIBITION.**

- A** The drilling or digging of wells within the city, except by the City of Fresno, for any other purpose than for furnishing water in whole or in part for refrigeration, air conditioning, or for the purpose of furnishing water to any refrigeration or air-cooling system or unit, or for a drainage well in connection therewith, or for irrigation, or use as a monitoring well, is hereby prohibited; provided that the Public Works Director may issue a permit for the drilling and completion of a well pursuant to the following requirements.
- B** The Director may issue a permit for the drilling of a supply well for domestic, commercial or industrial purposes for temporary use only, under the following conditions:
- 1 City water mains are not in place adjacent to the property involved.
 - 2 The Director has determined that it is not economically feasible or desirable to extend the city's water mains to serve the property at the time the request for service is made by the owner or lessee.
 - 3 The owner or lessee of the property has executed an agreement for the discontinuance of the use of the well and the capping of the same upon notice by the Director. Such notice shall be given immediately following installation of water mains adjacent to the property on which the well has been drilled.
- C** The Director may issue a permit for the drilling of a supply well to replace an existing well or to deepen an existing well supplying water for industrial food or beverage processing, or for irrigation of cemeteries providing that cemeteries are in compliance with the other provisions of this Code, when in the determination of the Director, the existing well which heretofore has served such purposes has become impaired and unusable, providing such well shall be permanently capped and closed.
- D** The Director may issue a permit for drilling of a new supply well for industrial food or beverage processing purposes, when in the determination of the Director the use of such well would significantly lessen the amount of the energy that would otherwise be consumed by the food or beverage processing operation.
- E** Issuance of a permit pursuant to subsections (b), (c) or (d) of this section shall in no way nullify or affect any provisions of Chapter 14 of this Code or amendments thereto, which provide for the installation of water mains and the payment therefor.
- F** Any permit issued for the digging of a well for irrigation or food or beverage processing purposes shall be conditioned upon the installation of a water meter on such well at the permittee's expense and the payment by the user at the rate specified in Section 14-105 of this Code for all water drawn therefrom.
- G** The Director may issue a permit for the drilling of a monitoring well within a public right-of-way following satisfaction of the following requirements:
- 1 Completion of an Environmental Assessment.
 - 2 Issuance of a Street Work Permit, in accordance with Sections 11-202, 11-203 and 11-204.
 - 3 Execution of an agreement providing indemnification for the city, protection of the public right-of-way, discontinuance of the use of the well and abandonment of the well upon notice by the Director. Such notice may be given for any reason at the Director's sole discretion. The Director is authorized to execute the required agreement on behalf of the City



URS

30 River Park Place West Suite 180
Fresno, CA 93720
TEL 559 256 1444
FAX 559 256 1478

FOR:
SUCCESSOR AGENCY TO THE CITY OF
FRESNO REDEVELOPMENT AGENCY
EPA BROWNFIELDS ASSESSMENT
GRANT

JOB NUMBER:
18715311

DRAWN BY:
AM

CHECKED BY:
FLG

**PROPOSED PHASE II
SAMPLING LOCATIONS
REVISED 01/28/14**

PARCEL 46708116T
655 G STREET, FRESNO, CA.

APPROVED BY:
FLG

FIGURE:

2

DATE
JANUARY 2014

APPENDIX B BORING LOGS

Project: Phase II ESA - 655 G Street

Location: Fresno, CA

Project Number: 18715311

Log of Boring:**SB-1**

Drilling Contractor:	Technicon Engineering	Borehole Name:	SB-1	Logged By:	T. Pender
Drilling Method:	HSA	Dates Drilled:	4/7/14-4/8/14	Drill Bit Size/Type:	8-inch HSA
Drill Rig Type:	CME 55	Sampling Method:	Mod. Cal (2-inch)	QC By:	Frank Gegunde
Total Boring Depth:	116 feet bgs	Depth to Groundwater:	114 feet bgs		
Borehole Completion:	Cement Grout with 5% Bentonite				

Comments: Southwest corner of G Street and Mono Street

Depth (Vertical Feet)	Time	Sample	Sample ID	Blows per 6 in.	Recovery (in/in)	PID (ppm)	Graphic Log	Lithologic Description	Boring Completion
0						200		Silty Sand (SM), yellowish brown (10YR 5/6), moist, 60% fine to med grained sand, 40% non-plastic fines, slight petroleum odor.	
5	1005		SB-1@5'	3 3 5	14/18	50		At 2.5-same as above except with approximately 10% fine to coarse gravels to 2-inches, sub-rounded. At 5-no gravels, no noticeable odor, loose moist.	Backfill to surface with cement grout with 5% bentonite.
10	1025		SB-1@10'	1 2 5	18/18	185		Poorly Graded Sand w/Silt (SP/SM), loose, dark yellowish brown (10YR 5/6), moist, 90% fine to medium sand 10% non-plastic fines, no noticeable petroleum odor.	
15	1033		SB-1@15'	3 7 8	18/18	280		Same as above except medium dense.	
20	1050		SB-1@20'	6 17 25	16/18	550		Same as above except dense.	
25	1055		SB-1@25'	5 9 15	18/18	750		Same as above except medium dense.	
30	1100		SB-1@30'	3 15 28	16/18	150		Silty Sand (SM), dense, grayish brown (10YR 5/2), moist, 80% fine sand, 20% non-plastic fines, possible discoloration (grayish) with some iron oxide molting, no petroleum odor.	
35	1105		SB-1@35'	8 15 27	18/18	950		Same as above except 60% fine sand, 24% non-plastic fines.	
40	1125		SB-1@40'	10 16 20	18/18	900		Same as at 30 feet bgs.	
45	1135		SB-1@45'	8 18 20	18/18	250		Poorly Graded Sand (SP), dense, yellowish brown, (10YR 5/6), no discoloration, 95% fine to medium sand, 5% fines, non-plastic.	
50	1150		SB-1@50'	10 13 28	16/18	90		Silty Sand (SM), as at 30 except dark yellowish brown (10YR 4/4), moist, 70% fine grained sand, 30% fines.	
55				7					



2870 Gateway Oaks Dr., Ste 300
Sacramento, CA 95833
916-679-2000

Project: Phase II ESA - 655 G Street

Location: Fresno, CA

Project Number: 18715311

Log of Monitoring Well:

SB-1

Depth (Vertical Feet)	Time	Sample	Sample ID	Blows per 6 in.	Recovery (in/in)	PID (ppm)	Graphic Log	Lithologic Description	Boring Completion
55	1205		SB-1@55'	12	16/18	60		Same as above except 55% Sand, 45% fines, borderline silt.	
60	1235		SB-1@60'	23 50	18/18	350		Sandy Silt (ML), very dense grayish brown (10YR 5/2), 60% non-plastic fines, 40% fine sand, slight petroleum hydrocarbon discoloration, moderate cementation.	
65	1255		SB-1@65'	8 15 25	16/18	575		Poorly Graded Sand (SP), dense, dark yellowish brown (10YR 5/4), moist, 95% fine to medium sand, 5% fines, no discoloration or petroleum hydrocarbon odor.	
70	1310		SB-1@70'	8 14 21	18/18	870		Same as above except light brownish gray (10YR 6/2).	
75	1335		SB-1@75'	8 17 47	18/18	110		Sandy Silt (ML), very dense, dark yellowish brown (10YR 4/6), moist, 70% non-plastic to slightly plastic fines, 30% fine sand.	
80	1440		SB-1@80'	35 50	18/18	750		Same as above except light brownish gray (10YR 6/2), weak cementation.	
85	1505		SB-1@85'	12 18 42	14/18	330			
90	1540		SB-1@90'	12 17 14	16/18	265		Silty Sand (SM), medium dense, light brownish gray (10YR 6/2), moist, 70% fine grained sand, 30 % fines, non-plastic.	
95	1600		SB-1@95'	9 23 29	18/18	9.3			
100	1630		SB-1@100'	9 35 60	14/18	30		Poorly Graded Sand (SP), very dense, dark yellowish brown (10YR 4/4), moist, 95% fine to medium sand, 5% non-plastic fines.	
105	1700		SB-1@105'	27 49 50	16/18	12		Silty Sand (SM), very dense, light brownish gray (10YR 6/2), moist, 60% fine sand, 40% non-plastic fines.	
110	1730		SB-1@110'	19 50	10/18	110		Silty Sand (SM), medium dense brown (10YR 5/3), 60% fine sand, 40% non-plastic fines, saturated, no petroleum hydrocarbon odor.	
115	0740		SB-1@115'	5 13	18/18	4000+			Bottom of boring at 116 feet bgs.



2870 Gateway Oaks Dr., Ste 300
Sacramento, CA 95833
916-679-2000

Project: Phase II ESA - 655 G Street				Log of Boring:					
Location: Fresno, CA				SB-2					
Drilling Contractor: Technicon Engineering			Borehole Name: SB-2		Logged By: T. Pender				
Drilling Method: HSA		Dates Drilled: 4/11/14	Drill Bit Size/Type: 8-inch HSA		Checked By:				
Drill Rig Type: CME 55		Sampling Method: Mod. Cal (2-inch)			QC By: Frank Gegunde				
Total Boring Depth: 116 feet bgs		Depth to Groundwater: 114 feet bgs							
Borehole Completion: Cement Grout with 5% Bentonite									
Comments: Southwest corner of G Street and Mono Street									
Depth (Vertical Feet)	Time	Sample	Sample ID	Blows per 6 in.	Recovery (in/in)	PID (ppm)	Graphic Log	Lithologic Description	Boring Completion

0								Silty Sand (SM), reddish brown (5YR 4/4), moist, 70% fine to medium sand, 30%, non-plastic fines.		0
5	0835		SB-2@5'	4 8 10	16/18	950		Same as above except medium dense.	Backfill to surface with cement grout with 5% bentonite.	5
10	0925		SB-2@10'	5 5 6	18/18	1300		Same as above except dark yellowish brown (10YR 4/6).		10
15	0930		SB-2@15'	5 8 10	16/18	820		Same as above excpet 85% sand, 15% fines.		15
20	0939		SB-2@20'	6 8 9	18/18	675		Same as above except thin interbeds of Sandy Silt (ML).		20
25	0945		SB-2@25'	6 10 12	16/18	380		Poorly Graded Sand (SP), medium dense. yellowish brown (10YR 5/6), moist, 95% fine to medium sand, 5% fines.		25
30	0955		SB-2@30'	9 14 15	16/18	175		Silty Sand (SM), medium dense, dark yellowish brown (10YR 5/6), moist, 55% fine sand, 45% non-plastic fines, some weak cementation (borderline ML).		30
35	1010		SB-2@35'	14 24 25	16/18	2400		Same as above except dense, gray (10YR 6/2), 75% fine sand, 25% non plastic fines, strong gasoline odor.		35
40	1025		SB-2@40'	7 15 25	18/18	140		Poorly Graded Sand (SP), dense, gray (10YR 6/1), moist, 95% fine grained sand, 5% fines, moderate gasoline odor.		40
45	1035		SB-2@45'	15 17 25	14/18	150		Same as above except slight gasoline odor.		45
50	1050		SB-2@50'	9 19 26	16/18	120		Silty Sand (SM), dense, dark yellowish brown (10YR 4/6), moist, 60% fine to medium sand, 40% fines, slight gasoline odor.		50
55				10						55



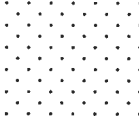
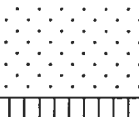
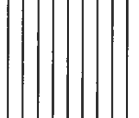
2870 Gateway Oaks Dr., Ste 300
Sacramento, CA 95833
916-679-2000

Project: Phase II ESA - 655 G Street

Location: Fresno, CA

Project Number: 18715311

Log of Monitoring Well:**SB-2**

Depth (Vertical Feet)	Time	Sample	Sample ID	Blows per 6 in.	Recovery (in/in)	PID (ppm)	Graphic Log	Lithologic Description	Boring Completion
55	1105		SB-2@55'	25 35	16/18	190		Sandy Silt (ML), very dense, dark yellowish brown (10YR 2/6), moist, 60% non-plastic fines, 40% fine sand, slight gasoline odor.	
60	1130		SB-2@60'	8 40 38	/18	600		Same as above except dark gray (10YR 4/1), 55% fines, 45% fine sand (borderline SM), moderate gasoline odor.	
65	1150		SB-2@65'	14 22 28	16/18	575		Poorly Graded Sand (SP), dense, yellowish brown (10YR 5/4), moist, 95% fine to medium sand, 5% fines, slight gasoline odor.	
70	1220		SB-2@70'	6 12 15	16/18	75			
75	1300		SB-2@75'	12 23 32	18/18	720			
80	1330		SB-2@80'	30 50	12/18	300		Sandy Silt (ML), very dense, dark yellowish brown (10YR 3/4), moist, 60% non-plastic fines, 40% fine sand, no petroleum hydrocarbon odor.	
85	1412		SB-2@85'	26 50	10/18	100			
90	1425		SB-2@90'	12 15 20	14/18	125		Sandy Silt (ML), very dense, gray (10YR 5/1), moist, 70% non-plastic sand, 30 % fine sand.	
95	1450		SB-2@95'	23 38 50	16/18	85			
100	1515		SB-2@100'	26 35 50	14/18	15			
105	1010		SB-2@105'	10 18 25	16/18	750		Silty Sand (SM), dense, grayish brown (10YR 5/2), moist, 60% fine sand, 40% non-plastic fines, moderate cementation, no petroleum hydrocarbon odor.	
110	1040		SB-2@110'	13 20 34	18/18	170			
115			SB-2@115'	8 18 25	/18	35			Bottom of boring at 116 feet bgs.

2870 Gateway Oaks Dr., Ste 300
Sacramento, CA 95833
916-679-2000

Project: Phase II ESA - 655 G Street

Location: Fresno, CA

Project Number: 18715311

Log of Boring:**SB-3/HP-3**

Drilling Contractor:	Technicon Engineering	Borehole Name:	SB-3/HP-3	Logged By:	T. Pender
Drilling Method:	HSA	Dates Drilled:	4/23/14	Drill Bit Size/Type:	8-inch HSA
Drill Rig Type:	CME 55	Sampling Method:	Mod. Cal (2-inch)/Hydropunch	QC By:	Frank Gegunde
Total Boring Depth:	119 feet bgs	Depth to Groundwater:	114 feet bgs		
Borehole Completion:	Cement Grout with 5% Bentonite				

Comments: Southwest corner of G Street and Mono Street

Depth (Vertical Feet)	Time	Sample	Sample ID	Blows per 6 in.	Recovery (in/in)	PID (ppm)	Graphic Log	Lithologic Description	Boring Completion
0	1422							Silty Sand (SM), reddish brown (5YR 4/4), moist, 70% fine to medium sand, 30% non-plastic fines, no petroleum hydrocarbon odor.	
5	1425		SB-3@5'	7 8 8	16/18	3800		Same as above except medium dense, no odor.	
10	1430		SB-3@10'	2 3 4	18/18	95		Poorly Graded Sand (SP), loose, yellowish brown (10YR 4/6), moist, 95% fine sand, 5% fines, no petroleum hydrocarbon odor.	
15	1440		SB-3@15'	3 4 6	16/18	8.0			
20	1449		SB-3@20'	4 12 16	16/18	12.0		Silty Sand (SM), medium dense, grayish brown (10YR 5/2), moist, 60% fine sand, 40% non-plastic fines, possible slight petroleum odor.	
25	1500		SB-3@25'	5 9 10	18/18	125		Poorly Graded Sand (SP), medium dense, grayish brown (10YR 5/2), moist, 95% fine to medium grained sand, 5% fines, possible slight petroleum odor.	
30	1510		SB-3@30'	12 24 30	18/18	500			
35	1520		SB-3@35'	16 23 26	18/18	3300		Same as above except strong gasoline odor.	
40	1530		SB-3@40'	11 16 25	18/18	3600		Silty Sand (SM), dense, grayish brown (10YR 5/2), moist, 70% fine sand, 30% fines, interbedded with thin lenses of sandy silt (ML), strong gasoline odor.	
45	1540		SB-3@45'	10 17 18	18/18	3200		Poorly Graded Sand (SP), dense, brown (10YR 5/3), moist, 95% fine to medium grained sand, 5% fines, strong gasoline odor.	
50	1555		SB-3@50'	10 23 30	18/18	3600		Silty Sand (SM), dense, brown (10YR 5/3), moist, 70% fine sand, 30% fines, interbedded with thin lenses of sandy silt (ML), strong gasoline odor.	
55				10					

Backfill to surface with cement grout with 5% bentonite.


 2870 Gateway Oaks Dr., Ste 300
 Sacramento, CA 95833
 916-679-2000

Project: Phase II ESA - 655 G Street

Location: Fresno, CA

Project Number: 18715311

Log of Monitoring Well:

SB-3/HP-3

Depth (Vertical Feet)	Time	Sample	Sample ID	Blows per 6 in.	Recovery (in/in)	PID (ppm)	Graphic Log	Lithologic Description	Boring Completion
55	0710		SB-3@55'	28	18/18	3600		Same as above except 60% sand, 40% fines, interbedded with thin (1") lenses of ML.	
60	0725		SB-3@60'	14	8/18	450		Sandy Silt (ML), very dense, dark grayish brown (10YR 4/2), moist, 60% non-plastic fines, 40% fine sand, moderate gasoline odor.	
65	0740		SB-3@65'	6	16/18	225		Silty Sand (SM), dense, gray (10YR 5/1), moist, 80% fine sand, 20% non-plastic fines, moderate gasoline odor.	
70	0800		SB-3@70'	9	16/18	280		Poorly Graded Sand (SP), dense, light brownish gray (10YR 6/2), moist, 95% fine to medium grained sand, 5% fines, moderate gasoline odor.	
75	0810		SB-3@75'	14	7/18	230		Sandy Silt (ML), very dense, dark yellowish brown (10YR 4/4), moist, 65% non-plastic fines, 35% fine to medium sand, moderate to slight gasoline odor.	
80	0826		SB-3@80'	30	8/18	950		Same as above except with some gray discoloration, moderate petroleum odor.	
85	0845		SB-3@85'	16	18/18	200		Same as above except with moderate cementation, slight petroleum odor.	
90	0905		SB-3@90'	31	9/18	150		Poorly Graded Sand (SP), very dense, grayish brown (10YR 5/2), moist, 95% fine to medium grained sand, 5% fines, slight petroleum odor.	
95	0920		SB-3@95'	9	18/18	255		Sandy Silt (ML), very dense, dark gray (10YR 4/1), moist, 60% non-plastic fines, 40% fine sand, very slight petroleum odor.	
100	0945		SB-3@100'	10	15/18	250		Same as above except no detectable odor.	
105	1000		SB-3@105'	22	12/18	100		Poorly Graded Sand (SP), very dense, brown (10YR 5/3), moist, 95% fine to medium grained sand, 5% fines.	
110	1025		SB-3@110'	16	12/18	200		Silty Sand (SM), very dense, brown (10YR 5/3), wet, 65% fine sand, 35% fines.	
115			HP-3@118'						Bottom of boring at 119 feet bgs.



2870 Gateway Oaks Dr. Ste 300
Sacramento, CA 95833
916-679-2000

Project: Phase II ESA - 655 G Street

Location: Fresno, CA

Project Number: 18715311

**Log of Boring:
SB-4**

Drilling Contractor:	Technicon Engineering	Borehole Name:	SB-4	Logged By:	T. Pender
Drilling Method:	HSA	Dates Drilled:	4/8/14 & 4/10/14	Drill Bit Size/Type:	8-inch HSA
Drill Rig Type:	CME 55	Sampling Method:	Mod. Cal (2-inch)	QC By:	Frank Gegunde
Total Boring Depth:	116 feet bgs	Depth to Groundwater:	114 feet bgs		
Borehole Completion:	Cement Grout with 5% Bentonite				

Comments: Southwest corner of G Street and Mono Street

Depth (Vertical Feet)	Time	Sample	Sample ID	Blows per 6 in.	Recovery (in/in)	PID (ppm)	Graphic Log	Lithologic Description	Boring Completion
0								Asphalt Concrete to 1.5 feet	
5	1345		SB-4@5'	3 4 5	18/18	24		Silty Sand (SM), reddish brown (5YR 4/4), moist, 70% fine to medium sand, 30%, non-plastic fines, no detectable odor. Same as above dense and loose.	Backfill to surface with cement grout with 5% bentonite.
10	1350		SB-4@10'	2 2 5	18/18	2.5		Same as above except dark yellowish brown (10YR 5/6), 80% sand, 20% fines.	
15	1400		SB-4@15'	3 6 9	18/18	3.0		Poorly Graded Sand (SP), medium dense, yellowish brown (10YR 5/6), moist, 95% fine sand, 5% fines.	
20	1405		SB-4@20'	8 9 11	18/18	21		Same as above except sand is fine to medium grained.	
25	1410		SB-4@25'	8 9 10	18/18	6.2			
30	1418		SB-4@30'	7 15 28	18/18	10		Sandy Silt (ML), dense, grayish brown (10YR 5/2), moist, 70% non-plastic fines, 30% fine sand, slight petroleum hydrocarbon odor.	
35	1425		SB-4@35'	4 11 19	18/18	1400		Silty Sand (SM), dense, light olive gray (5Y 6/2), moist, 60% fine sand, 40% non-plastic fines, strong gasoline odor.	
40	1435		SB-4@40'	12 15 20	16/18	3000		Same as above except gray (5Y 5/1), 75% sand, 25% fines, strong gasoline odor.	
45	1445		SB-4@45'	8 19 28	18/18	30		Same as above except yellowish brown (10YR 5/6), sand is fine to medium, moderate gasoline odor.	
50	1455		SB-4@50'	12 19 29	18/18	24		Same as above except dark yellowish brown (10YR 3/4), 60% fine to medium sand, 40% fines, slight gasoline odor.	
55				6					



2870 Gateway Oaks Dr., Ste 300
Sacramento, CA 95833
916-679-2000

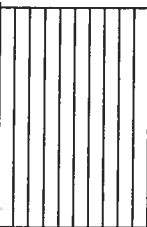
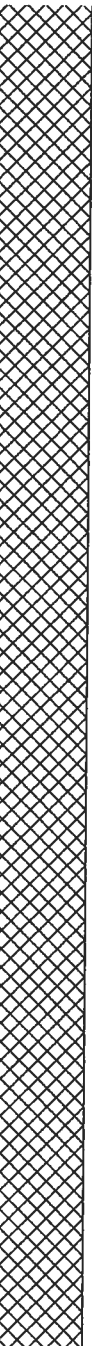
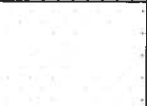
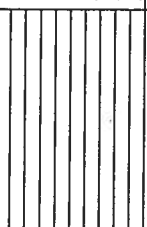
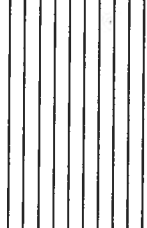
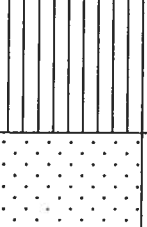
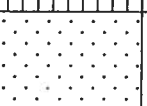
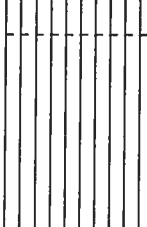
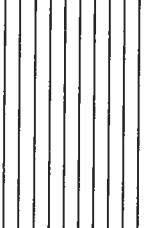
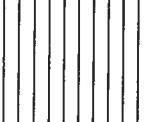
Project: Phase II ESA - 655 G Street

Location: Fresno, CA

Project Number: 18715311

Log of Monitoring Well:

SB-4

Depth (Vertical Feet)	Time	Sample	Sample ID	Blows per 6 in.	Recovery (in/in)	PID (ppm)	Graphic Log	Lithologic Description	Boring Completion
55	1520		SB-4@55'	13 22	/18	53		Sandy Silt (ML), dense, dark yellowish brown (10YR 4/6), moist, 65% fines, 35% fine sand, moderate gasoline odor.	
60	1545		SB-4@60'	10 50	/18	65		Same as above except brown (10YR 5/3), moderate gas odor.	
65	1600		SB-4@65'	8 15 25	10/18	12		Silty Sand (SM), dense, gray (10YR 5/4), moist, 40% fine sand, 30% fines, slight gasoline odor.	
70	0900		SB-4@70'	14 33 34	18/18	1900		Poorly Graded Sand (SP), very dense, light yellowish brown (10YR 6/4), moist, 95% fine to coarse sand, 5% fines.	
75	0925		SB-4@75'	9 19 50	18/18	1500		Sandy Silt (ML), very dense, dark yellowish brown (10YR 2/4), moist, 60% non plastic fines, 40% fine sand, moderate gasoline odor.	
80	0945		SB-4@80'	33 50	18/18	1100		Same as above except grayish brown (10YR 5/2), no petroleum hydrocarbon odor. moderate cementation.	
85	1015		SB-4@85'	20 23 28	14/18	800			
90	1040		SB-4@90'	12 33 23	16/18	1000		Poorly Graded Sand (SP), very dense, light yellowish brown (10YR 6/4), moist, 95% fine to coarse sand, 5% fines.	
95	1100		SB-4@95'	11 19 30	/18	1025		Sandy Silt (ML), dense, grayish brown (10YR 5/2), moist, 70% non-plastic fines, 30% fine sand, no petroleum hydrocarbon odor.	
100	1125		SB-4@100'	11 32 40	18/18	220		Sandy Silt (ML), very dense, yellowish brown (10YR 5/6), moist, 70% non-plastic fines, 30% fine sand, no petroleum hydrocarbon odor.	
105	1200		SB-4@105'	9 22 42	18/18	170		Same as above except dense	
110	1225		SB-4@110'	7 20 28	10/18	85			
115	1300		SB-4@115'	10 24 23	18/18	60			Bottom of boring at 116 feet bgs.



2870 Gateway Oaks Dr., Ste 300
Sacramento, CA 95833
916-679-2000

APPENDIX C
LABORATORY REPORT, DATA VALIDATION,
AND CHAIN-OF-CUSTODY



908 North Temperance Ave. ▽ Clovis, CA 93611 ▽ Phone 559-275-2175 ▽ Fax 559-275-4422

Certification Number: CA1312 (DW & WW)
NELAP Certification number: CA00046 (HW)

May 2, 2014

URS Corporation
30 River Park Place West, #180
Fresno, California 93720

Attn: Frank Gegunde

Subject: Report of Data: Case 73072

Results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dear Mr. Gegunde:

The sample group for project "18715311.30000 Phase II ESA-655 G St." was received April 8, 2014, in good condition. The VOC analyte list was revised, as requested on April 25, 2014. Written results are being provided on this May 2, 2014, for the requested analyses. All holding times were met.

For the EPA 8270C-SIM analysis, the samples were extracted according to EPA method 3550B.

For the EPA 8260B analysis, the soil samples were purged according to the EPA method 5035, and the water samples were purged according to EPA method 5030B. .

For the EPA 8015B TPH-Gas analysis, the samples were prepared according to EPA 5035 and purged according to EPA method 5030B.

For the EPA 6020 analysis, the samples were digested according to EPA method 3050B.

No unusual problem or complication was encountered with this sample set.

If you have any questions or require further information, please contact us at your convenience.
Thank you for choosing APPL, Inc.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. These test results meet all requirements of NELAC. Release of the hard copy has been authorized by the Laboratory Manager or her designee, as verified by the following signature.

Sharon Dehmlow, Laboratory Director
APPL, Inc.

SD/ab
Enclosure
cc: File

Number of pages in this report_____

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: SB-1@25'

Sample Collection Date: 4/7/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94765

QCG: #SIMS-140418A-186178

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/18/14	04/22/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/18/14	04/22/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/18/14	04/22/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/18/14	04/22/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/18/14	04/22/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/18/14	04/22/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	55.9	45-105		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	96.3	35-100		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	105	30-125		%	04/18/14	04/22/14

Quant Method: SIM.M
Run #: 0422L016
Instrument: Linus
Sequence: L140422
Dilution Factor: 1
Initials: LF

Printed: 4/23/14 9:08:59 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: SB-1@35

Sample Collection Date: 4/7/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94766

CCG: #SIMS-140418A-186178

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/18/14	04/22/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/18/14	04/22/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/18/14	04/22/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/18/14	04/22/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/18/14	04/22/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/18/14	04/22/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	94.1	45-105		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	90.1	35-100		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	88.0	30-125		%	04/18/14	04/22/14

Quant Method: SIM.M
Run #: 0422L017
Instrument: Linus
Sequence: L140422
Dilution Factor: 1
Initials: LF

Printed: 4/23/14 9:08:59 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: SB-1@115'

Sample Collection Date: 4/8/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94769

QCG: #SIMS-140418A-186178

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/18/14	04/22/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/18/14	04/22/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/18/14	04/22/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/18/14	04/22/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/18/14	04/22/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/18/14	04/22/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	76.7	45-105		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	84.8	35-100		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	59.9	30-125		%	04/18/14	04/22/14

Quant Method: SIM.M
Run #: 0422L018
Instrument: Linus
Sequence: L140422
Dilution Factor: 1
Initials: LF

Printed: 4/23/14 9:08:59 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

ARF: 73072

Sample ID: SB-1@105'

APPL ID: AY94770

Sample Collection Date: 4/7/14

CCG: #SIMS-140418A-186178

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/18/14	04/22/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/18/14	04/22/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/18/14	04/22/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/18/14	04/22/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/18/14	04/22/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/18/14	04/22/14
8270C-SIM	SURROGATE: 2-FLUOROBIPHENYL (S)	81.3	45-105		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	80.3	35-100		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	83.4	30-125		%	04/18/14	04/22/14

Quant Method: SIM.M
Run #: 0422L019
Instrument: Linus
Sequence: L140422
Dilution Factor: 1
Initials: LF

Printed: 4/23/14 9:08:59 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: **SB-1@25'**

Sample Collection Date: 04/07/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: **AY94765**

QCG: #26US-140408AT-185857

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/08/14	04/08/14
EPA 8260B	BENZENE	Not detected	5.0	0.63	ug/Kg	04/08/14	04/08/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/08/14	04/08/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/08/14	04/08/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/08/14	04/08/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/08/14	04/08/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/08/14	04/08/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/08/14	04/08/14
EPA 8260B	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/08/14	04/08/14
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	04/08/14	04/08/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	114	52-149		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	102	65-135		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	105	65-135		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	94.5	65-135		%	04/08/14	04/08/14

Quant Method: TALLS.M
Run #: 0408T24
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: SV

Printed: 04/11/14 12:14:45 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: SB-1@25'

Sample Collection Date: 04/07/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94765

QCG: #8260S-140408AT-186361

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/08/14	04/08/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/08/14	04/08/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/08/14	04/08/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/08/14	04/08/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/08/14	04/08/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/08/14	04/08/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/08/14	04/08/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/08/14	04/08/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/08/14	04/08/14
EPA 8260B	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/08/14	04/08/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/08/14	04/08/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	114	59-120		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	102	82-121		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	105	74-122		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	94.5	71-127		%	04/08/14	04/08/14

Quant Method: TALLS.M
Run #: 0408T24
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: SV

Printed: 04/30/14 11:00:52 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: SB-1@35

Sample Collection Date: 04/07/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94766

QCG: #26US-140408AT-185857

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/08/14	04/08/14
EPA 8260B	BENZENE	0.70 J	5.0	0.63	ug/Kg	04/08/14	04/08/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/08/14	04/08/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/08/14	04/08/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/08/14	04/08/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/08/14	04/08/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/08/14	04/08/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/08/14	04/08/14
EPA 8260B	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/08/14	04/08/14
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	04/08/14	04/08/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	115	52-149		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	104	65-135		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	107	65-135		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	98.0	65-135		%	04/08/14	04/08/14

J = Estimated value.

Quant Method: TALLS.M
Run #: 0408T25
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: SV

Printed: 04/11/14 12:14:45 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: SB-1@35

Sample Collection Date: 04/07/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94766

QCG: #8260S-140408AT-186361

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/08/14	04/08/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/08/14	04/08/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/08/14	04/08/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/08/14	04/08/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/08/14	04/08/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/08/14	04/08/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/08/14	04/08/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/08/14	04/08/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/08/14	04/08/14
EPA 8260B	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/08/14	04/08/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/08/14	04/08/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	115	59-120		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	104	82-121		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: DIBROMOFLUOROBEN	107	74-122		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	98.0	71-127		%	04/08/14	04/08/14

Quant Method: TALLS.M
Run #: 0408T25
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: SV

Printed: 04/30/14 11:00:52 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: MW-1

Sample Collection Date: 04/07/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94767

QCG: #26UW-140409AT-185889

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/10/14	04/10/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/10/14	04/10/14
EPA 8260B	BENZENE	Not detected	0.4	0.16	ug/L	04/10/14	04/10/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/10/14	04/10/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/10/14	04/10/14
EPA 8260B	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/10/14	04/10/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/10/14	04/10/14
EPA 8260B	NAPHTHALENE	Not detected	0.5	0.36	ug/L	04/10/14	04/10/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/10/14	04/10/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/10/14	04/10/14
EPA 8260B	TOLUENE	Not detected	1.1	0.17	ug/L	04/10/14	04/10/14
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	04/10/14	04/10/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	101	75-125		%	04/10/14	04/10/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	96.7	62-139		%	04/10/14	04/10/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	102	75-125		%	04/10/14	04/10/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.1	75-125		%	04/10/14	04/10/14

Quant Method: TALLW.M
Run #: 0409T34
Instrument: Thor
Sequence: T140409
Dilution Factor: 1
Initials: SV

Printed: 04/17/14 3:34:09 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: MW-1

Sample Collection Date: 04/07/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94767

QCG: #8260-140409AT-186362

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/10/14	04/10/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/10/14	04/10/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/10/14	04/10/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/10/14	04/10/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/10/14	04/10/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/10/14	04/10/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/10/14	04/10/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/10/14	04/10/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/10/14	04/10/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/10/14	04/10/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/10/14	04/10/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/10/14	04/10/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/10/14	04/10/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/10/14	04/10/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/10/14	04/10/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/10/14	04/10/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/10/14	04/10/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/10/14	04/10/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/10/14	04/10/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/10/14	04/10/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/10/14	04/10/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/10/14	04/10/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/10/14	04/10/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/10/14	04/10/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/10/14	04/10/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/10/14	04/10/14
EPA 8260B	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/10/14	04/10/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/10/14	04/10/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/10/14	04/10/14
EPA 8260B	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/10/14	04/10/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/10/14	04/10/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/10/14	04/10/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	101	70-125		%	04/10/14	04/10/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	96.7	72-133		%	04/10/14	04/10/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	102	78-125		%	04/10/14	04/10/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.1	73-124		%	04/10/14	04/10/14

Quant Method: TALLW.M
Run #: 0409T34
Instrument: Thor
Sequence: T140409
Dilution Factor: 1
Initials: SV

Printed: 04/30/14 11:00:52 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: Trip Blank

Sample Collection Date: 04/02/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94768

QCG: #26UW-140409AT-185889

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/09/14	04/09/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/09/14	04/09/14
EPA 8260B	BENZENE	Not detected	0.4	0.16	ug/L	04/09/14	04/09/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/09/14	04/09/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/09/14	04/09/14
EPA 8260B	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/09/14	04/09/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/09/14	04/09/14
EPA 8260B	NAPHTHALENE	Not detected	0.5	0.36	ug/L	04/09/14	04/09/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/09/14	04/09/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/09/14	04/09/14
EPA 8260B	TOLUENE	Not detected	1.1	0.17	ug/L	04/09/14	04/09/14
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	04/09/14	04/09/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	102	75-125		%	04/09/14	04/09/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	102	62-139		%	04/09/14	04/09/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	103	75-125		%	04/09/14	04/09/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	100	75-125		%	04/09/14	04/09/14

Quant Method: TALLW.M
Run #: 0409T24
Instrument: Thor
Sequence: T140409
Dilution Factor: 1
Initials: SV

Printed: 04/17/14 3:34:09 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: Trip Blank

Sample Collection Date: 04/02/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94768

QCG: #8260-140409AT-186362

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/09/14	04/09/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/09/14	04/09/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/09/14	04/09/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/09/14	04/09/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/09/14	04/09/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/09/14	04/09/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/09/14	04/09/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/09/14	04/09/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/09/14	04/09/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/09/14	04/09/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/09/14	04/09/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/09/14	04/09/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/09/14	04/09/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/09/14	04/09/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/09/14	04/09/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/09/14	04/09/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/09/14	04/09/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/09/14	04/09/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/09/14	04/09/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/09/14	04/09/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/09/14	04/09/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/09/14	04/09/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/09/14	04/09/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/09/14	04/09/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/09/14	04/09/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/09/14	04/09/14
EPA 8260B	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/09/14	04/09/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/09/14	04/09/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/09/14	04/09/14
EPA 8260B	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/09/14	04/09/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/09/14	04/09/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/09/14	04/09/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	102	70-125		%	04/09/14	04/09/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	102	72-133		%	04/09/14	04/09/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	103	78-125		%	04/09/14	04/09/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	100	73-124		%	04/09/14	04/09/14

Quant Method: TALLW.M
Run #: 0409T24
Instrument: Thor
Sequence: T140409
Dilution Factor: 1
Initials: SV

Printed: 04/30/14 11:00:52 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: SB-1@115'

Sample Collection Date: 04/08/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94769

QCG: #26US-140408AT-185857

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/08/14	04/08/14
EPA 8260B	BENZENE	Not detected	5.0	0.63	ug/Kg	04/08/14	04/08/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/08/14	04/08/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/08/14	04/08/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/08/14	04/08/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/08/14	04/08/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/08/14	04/08/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/08/14	04/08/14
EPA 8260B	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/08/14	04/08/14
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	04/08/14	04/08/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	110	52-149		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	101	65-135		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	104	65-135		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	96.2	65-135		%	04/08/14	04/08/14

Quant Method: TALLS.M
Run #: 0408T27
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: SV

Printed: 04/11/14 12:14:46 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: SB-1@115'

Sample Collection Date: 04/08/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94769

QCG: #8260S-140408AT-186361

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/08/14	04/08/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/08/14	04/08/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/08/14	04/08/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/08/14	04/08/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/08/14	04/08/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/08/14	04/08/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/08/14	04/08/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/08/14	04/08/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/08/14	04/08/14
EPA 8260B	TETRACHLOROETHENE	48	5.0	0.54	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/08/14	04/08/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/08/14	04/08/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	110	59-120		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	101	82-121		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	104	74-122		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	96.2	71-127		%	04/08/14	04/08/14

Quant Method: TALLS.M
Run #: 0408T27
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: SV

Printed: 04/30/14 11:00:52 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: **SB-1@105'**

Sample Collection Date: 04/07/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: **AY94770**

QCG: #26US-140408AT-185857

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/08/14	04/08/14
EPA 8260B	BENZENE	Not detected	5.0	0.63	ug/Kg	04/08/14	04/08/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/08/14	04/08/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/08/14	04/08/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/08/14	04/08/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/08/14	04/08/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/08/14	04/08/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/08/14	04/08/14
EPA 8260B	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/08/14	04/08/14
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	04/08/14	04/08/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	116	52-149		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	100	65-135		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	107	65-135		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	96.2	65-135		%	04/08/14	04/08/14

Quant Method: TALLS.M
Run #: 0408T26
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: SV

Printed: 04/11/14 12:14:46 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: SB-1@105'

Sample Collection Date: 04/07/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94770

QCG: #8260S-140408AT-186361

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/08/14	04/08/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/08/14	04/08/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/08/14	04/08/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/08/14	04/08/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/08/14	04/08/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/08/14	04/08/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/08/14	04/08/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/08/14	04/08/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/08/14	04/08/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/08/14	04/08/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/08/14	04/08/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/08/14	04/08/14
EPA 8260B	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/08/14	04/08/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/08/14	04/08/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/08/14	04/08/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	116	59-120		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	100	82-121		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	107	74-122		%	04/08/14	04/08/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	96.2	71-127		%	04/08/14	04/08/14

Quant Method: TALLS.M
Run #: 0408T26
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: SV

Printed: 04/30/14 11:00:52 AM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: SB-1@25'

Sample Collection Date: 04/07/14

ARF: 73072

APPL ID: AY94765

QCG: #GASS-140409A-185897

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	04/09/14	04/09/14
EPA 8015	SURROGATE: BFB-FID (S)	105	76-131		%	04/09/14	04/09/14

Quant Method: HGAS.M
Run #: 0409H14
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 04/10/14 11:49:45 AM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: SB-1@35

Sample Collection Date: 04/07/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94766

QCG: #GASS-140409A-185897

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	04/09/14	04/09/14
EPA 8015	SURROGATE: BFB-FID (S)	94.2	76-131		%	04/09/14	04/09/14

Quant Method: HGAS.M
Run #: 0409H15
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 04/10/14 11:49:45 AM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: SB-1@115'

Sample Collection Date: 04/08/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94769

QCG: #GASS-140409A-185897

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	04/09/14	04/09/14
EPA 8015	SURROGATE: BFB-FID (S)	94.7	76-131		%	04/09/14	04/09/14

Quant Method: HGAS.M
Run #: 0409H16
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 04/10/14 11:49:45 AM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.30000 Phase II ESA-655 G St.

Sample ID: SB-1@105'

Sample Collection Date: 04/07/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73072

APPL ID: AY94770

QCG: #GASS-140409A-185897

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	04/09/14	04/09/14
EPA 8015	SURROGATE: BFB-FID (S)	107	76-131		%	04/09/14	04/09/14

Quant Method: HGAS.M
Run #: 0409H17
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 04/10/14 11:49:45 AM
APPL-F1-SC-NoMC-REG MDLs

Metals Results

ARF: 73072

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Method	Analyte	Result	RL	MDL	Units	DF	Prep Date	Analysis Date
APPL ID: AY94765 -Client Sample ID: SB-1@25'		-Sample Collection Date: 04/07/14 Project: 18715311.30000 Phase II						
6020	LEAD (PB)	1.5	0.5	0.10	mg/Kg	5	04/21/14	04/28/14
APPL ID: AY94766 -Client Sample ID: SB-1@35		-Sample Collection Date: 04/07/14 Project: 18715311.30000 Phase II						
6020	LEAD (PB)	3.9	0.5	0.10	mg/Kg	5	04/21/14	04/28/14
APPL ID: AY94769 -Client Sample ID: SB-1@115'		-Sample Collection Date: 04/08/14 Project: 18715311.30000 Phase II						
6020	LEAD (PB)	2.3	0.5	0.10	mg/Kg	5	04/21/14	04/28/14
APPL ID: AY94770 -Client Sample ID: SB-1@105'		-Sample Collection Date: 04/07/14 Project: 18715311.30000 Phase II						
6020	LEAD (PB)	3.6	0.5	0.10	mg/Kg	5	04/21/14	04/28/14

Method Blank

EPA 8270C - SOLID

Blank Name/QCG: 140418S-94765 - 186178
Batch ID: #SIMS-140418A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	4/18/14	4/22/14
BLANK	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	4/18/14	4/22/14
BLANK	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	4/18/14	4/22/14
BLANK	ANTHRACENE	Not detected	5.0	0.83	ug/kg	4/18/14	4/22/14
BLANK	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	4/18/14	4/22/14
BLANK	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	4/18/14	4/22/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	4/18/14	4/22/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	4/18/14	4/22/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	4/18/14	4/22/14
BLANK	CHRYSENE	Not detected	5.0	0.85	ug/kg	4/18/14	4/22/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	4/18/14	4/22/14
BLANK	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	4/18/14	4/22/14
BLANK	FLUORENE	Not detected	5.0	1.00	ug/kg	4/18/14	4/22/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	4/18/14	4/22/14
BLANK	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	4/18/14	4/22/14
BLANK	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	4/18/14	4/22/14
BLANK	PYRENE	Not detected	5.0	1.24	ug/kg	4/18/14	4/22/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	83.5	45-105		%	4/18/14	4/22/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	63.0	35-100		%	4/18/14	4/22/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	99.4	30-125		%	4/18/14	4/22/14

Quant Method: SIM.M
Run #: 0422L012
Instrument: Linus
Sequence: L140422
Initials: LF

GC SC-Blank-REG MDLs
Printed: 4/23/14 9:08:44 AM

Laboratory Control Spike Recovery

EPA 8270C - SOLID

APPL ID: **140418S-94765 LCS - 186178**

Batch ID: #SIMS-140418A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
2-METHYLNAPHTHALENE	133	122	91.7	45-105
ACENAPHTHENE	133	129	97.0	45-110
ACENAPHTHYLENE	133	126	94.7	45-105
ANTHRACENE	133	133	100	55-105
BENZ(A)ANTHRACENE	133	128	96.2	50-110
BENZO(A)PYRENE	133	130	97.7	50-110
BENZO(B)FLUORANTHENE	133	113	85.0	45-115
BENZO(G,H,I)PERYLENE	133	128	96.2	40-125
BENZO(K)FLUORANTHENE	133	132	99.2	45-125
CHRYSENE	133	131	98.5	55-110
DIBENZ(A,H)ANTHRACENE	133	118	88.7	40-125
FLUORANTHENE	133	142	107	55-115
FLUORENE	133	132	99.2	50-110
INDENO(1,2,3-CD)PYRENE	133	112	84.2	40-120
NAPHTHALENE	133	89.7	67.4	40-105
PHENANTHRENE	133	137	103	50-110
PYRENE	133	131	98.5	45-125
SURROGATE: 2-FLUORBIPHENYL (S)	66.7	53.0	79.5	45-105
SURROGATE: NITROBENZENE-D5 (S)	66.7	42.3	63.4	35-100
SURROGATE: TERPHENYL-D14 (S)	66.7	63.0	94.5	30-125

Comments: _____

Primary	SPK
Quant Method :	SIM.M
Extraction Date :	4/18/14
Analysis Date :	4/22/14
Instrument :	Linus
Run :	0422L013
Initials :	LF

Printed: 4/23/14 9:08:45 AM

APPL Standard LCS

Method Blank **EPA 8260B BTEX Oxy S - UST**

Blank Name/QCG: **140408S-94765 - 185857**
 Batch ID: #26US-140408AT

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/08/14	04/08/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/08/14	04/08/14
BLANK	BENZENE	Not detected	5.0	0.63	ug/Kg	04/08/14	04/08/14
BLANK	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/08/14	04/08/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/08/14	04/08/14
BLANK	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/08/14	04/08/14
BLANK	MTBE	Not detected	5.0	1.50	ug/Kg	04/08/14	04/08/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/08/14	04/08/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/08/14	04/08/14
BLANK	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/08/14	04/08/14
BLANK	XYLENES	Not detected	5.0	0.68	ug/Kg	04/08/14	04/08/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	101	52-149		%	04/08/14	04/08/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	97.9	65-135		%	04/08/14	04/08/14
BLANK	SURROGATE: DIBROMOFLUOROME	101	65-135		%	04/08/14	04/08/14
BLANK	SURROGATE: TOLUENE-D8 (S)	101	65-135		%	04/08/14	04/08/14

Quant Method: TALLS.M Run #: 0408T21 Instrument: Thor Sequence: T140408 Initials: SV
--

GC SC-Blank-REG MDLs
 Printed: 04/11/14 12:14:39 PM

Method Blank

EPA 8260B SOIL

Blank Name/QCG: 140408S-94765 - 186361
Batch ID: #8260S-140408AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/08/14	04/08/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/08/14	04/08/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/08/14	04/08/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/08/14	04/08/14
BLANK	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/08/14	04/08/14
BLANK	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/08/14	04/08/14
BLANK	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/08/14	04/08/14
BLANK	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/08/14	04/08/14
BLANK	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/08/14	04/08/14
BLANK	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/08/14	04/08/14
BLANK	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/08/14	04/08/14
BLANK	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/08/14	04/08/14
BLANK	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/08/14	04/08/14
BLANK	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/08/14	04/08/14
BLANK	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/08/14	04/08/14
BLANK	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/08/14	04/08/14
BLANK	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/08/14	04/08/14
BLANK	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/08/14	04/08/14
BLANK	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/08/14	04/08/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/08/14	04/08/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/08/14	04/08/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/08/14	04/08/14
BLANK	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/08/14	04/08/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/08/14	04/08/14
BLANK	FREON 113	Not detected	10.0	0.83	ug/Kg	04/08/14	04/08/14
BLANK	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/08/14	04/08/14
BLANK	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/08/14	04/08/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/08/14	04/08/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/08/14	04/08/14
BLANK	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/08/14	04/08/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/08/14	04/08/14
BLANK	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/08/14	04/08/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	101	59-120		%	04/08/14	04/08/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	97.9	82-121		%	04/08/14	04/08/14

Quant Method: TALLS.M
Run #: 0408T21
Instrument: Thor
Sequence: T140408
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 11:00:44 AM

Method Blank
EPA 8260B SOIL

Blank Name/QCG: **140408S-94765 - 186361**
Batch ID: #8260S-140408AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	101	74-122		%	04/08/14	04/08/14
BLANK	SURROGATE: TOLUENE-D8 (S)	101	71-127		%	04/08/14	04/08/14

Quant Method: TALLS.M
Run #: 0408T21
Instrument: Thor
Sequence: T140408
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 11:00:44 AM

Method Blank
EPA 8260B BTEX Oxy W - UST

Blank Name/QCG: **140409W-94767 - 185889**

Batch ID: #26UW-140409AT

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/09/14	04/09/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/09/14	04/09/14
BLANK	BENZENE	Not detected	0.4	0.16	ug/L	04/09/14	04/09/14
BLANK	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/09/14	04/09/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/09/14	04/09/14
BLANK	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/09/14	04/09/14
BLANK	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/09/14	04/09/14
BLANK	NAPHTHALENE	Not detected	0.5	0.36	ug/L	04/09/14	04/09/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/09/14	04/09/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/09/14	04/09/14
BLANK	TOLUENE	Not detected	1.1	0.17	ug/L	04/09/14	04/09/14
BLANK	XYLENES	Not detected	0.5	0.19	ug/L	04/09/14	04/09/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	103	75-125		%	04/09/14	04/09/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	99.9	62-139		%	04/09/14	04/09/14
BLANK	SURROGATE: DIBROMOFLUOROME	101	75-125		%	04/09/14	04/09/14
BLANK	SURROGATE: TOLUENE-D8 (S)	99.4	75-125		%	04/09/14	04/09/14

Quant Method: TALLW.M
Run #: 0409T22
Instrument: Thor
Sequence: T140409
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/17/14 3:34:14 PM

Method Blank

EPA 8260B

Blank Name/QCG: 140409W-94767 - 186362
Batch ID: #8260-140409AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/09/14	04/09/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/09/14	04/09/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/09/14	04/09/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/09/14	04/09/14
BLANK	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/09/14	04/09/14
BLANK	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/09/14	04/09/14
BLANK	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/09/14	04/09/14
BLANK	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/09/14	04/09/14
BLANK	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/09/14	04/09/14
BLANK	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/09/14	04/09/14
BLANK	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/09/14	04/09/14
BLANK	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/09/14	04/09/14
BLANK	BROMOFORM	Not detected	0.5	0.14	ug/L	04/09/14	04/09/14
BLANK	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/09/14	04/09/14
BLANK	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/09/14	04/09/14
BLANK	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/09/14	04/09/14
BLANK	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/09/14	04/09/14
BLANK	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/09/14	04/09/14
BLANK	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/09/14	04/09/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/09/14	04/09/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/09/14	04/09/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/09/14	04/09/14
BLANK	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/09/14	04/09/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/09/14	04/09/14
BLANK	FREON-113	Not detected	0.5	0.21	ug/L	04/09/14	04/09/14
BLANK	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/09/14	04/09/14
BLANK	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/09/14	04/09/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/09/14	04/09/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/09/14	04/09/14
BLANK	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/09/14	04/09/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/09/14	04/09/14
BLANK	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/09/14	04/09/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	103	70-125		%	04/09/14	04/09/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	99.9	72-133		%	04/09/14	04/09/14

Quant Method: TALLW.M
Run #: 0409T22
Instrument: Thor
Sequence: T140409
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 11:00:44 AM

Method Blank
EPA 8260B

Blank Name/QCG: **140409W-94767 - 186362**
Batch ID: #8260-140409AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	101	78-125		%	04/09/14	04/09/14
BLANK	SURROGATE: TOLUENE-D8 (S)	99.4	73-124		%	04/09/14	04/09/14

Quant Method: TALLW.M
Run #: 0409T22
Instrument: Thor
Sequence: T140409
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 11:00:44 AM

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy S - UST

APPL ID: 140408S-94765 LCS - 185857
Batch ID: #26US-140408AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	50.0	49.1	98.2	75-123
1,2-ETHYLENE DIBROMIDE	50.0	50.7	101	85-123
BENZENE	50.0	50.2	100	81-123
DI-ISOPROPYL ETHER	50.0	48.1	96.2	94-114
ETHYL-TERT-BUTYL ETHER	50.0	48.2	96.4	90-126
ETHYLBENZENE	50.0	51.9	104	78-127
MTBE	50.0	47.9	95.8	65-135
TERT-AMYL METHYL ETHER	50.0	48.3	96.6	50-150
TERT-BUTYL ALCOHOL	250	229	91.6	65-135
TOLUENE	50.0	50.6	101	82-125
XYLENES	150	157	105	76-134
SURROGATE: 1,2-DICHLOROETHANE-	56.1	55.0	98.0	52-149
SURROGATE: 4-BROMOFLUOROBENZ	61.6	65.8	107	65-135
SURROGATE: DIBROMOFLUOROMETH	64.3	63.8	99.1	65-135
SURROGATE: TOLUENE-D8 (S)	72.3	72.9	101	65-135

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	TALLS.M
Extraction Date :	04/08/14
Analysis Date :	04/08/14
Instrument :	Thor
Run :	0408T17
Initials :	SV

Printed: 04/17/14 3:19:44 PM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B SOIL

APPL ID: 140408S-94765 LCS - 186361
Batch ID: #8260S-140408AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	50.0	49.8	99.6	62-125
1,1,1-TRICHLOROETHANE	50.0	51.8	104	65-135
1,1,2,2-TETRACHLOROETHANE	50.0	46.0	92.0	64-135
1,1,2-TRICHLOROETHANE	50.0	49.3	98.6	65-135
1,1-DICHLOROETHANE	50.0	49.5	99.0	62-135
1,1-DICHLOROETHENE	50.0	53.2	106	65-135
1,2-DICHLOROBENZENE	50.0	46.5	93.0	65-125
1,2-DICHLOROPROPANE	50.0	50.0	100	65-125
1,3-DICHLOROBENZENE	50.0	48.6	97.2	65-135
1,4-DICHLOROBENZENE	50.0	47.7	95.4	65-135
BROMOBENZENE	50.0	48.8	97.6	55-130
BROMODICHLOROMETHANE	50.0	49.9	99.8	60-135
BROMOFORM	50.0	51.0	102	45-150
BROMOMETHANE	50.0	61.9	124	10-180
CARBON TETRACHLORIDE	50.0	54.6	109	55-145
CHLOROBENZENE	50.0	51.4	103	65-130
CHLOROETHANE	50.0	55.1	110	20-175
CHLOROFORM	50.0	50.3	101	65-135
CHLOROMETHANE	50.0	45.1	90.2	40-140
CIS-1,2-DICHLOROETHENE	50.0	48.3	96.6	55-135
CIS-1,3-DICHLOROPROPENE	50.0	49.8	99.6	65-135
DIBROMOCHLOROMETHANE	50.0	51.1	102	63-135
DIBROMOMETHANE	50.0	50.0	100	65-135
DICHLORODIFLUOROMETHANE	50.0	59.2	118	15-155
FREON 113	50.0	54.6	109	71-135
METHYLENE CHLORIDE	50.0	48.9	97.8	40-155
TETRACHLOROETHENE	50.0	51.2	102	55-150
TRANS-1,2-DICHLOROETHENE	50.0	51.4	103	55-145
TRANS-1,3-DICHLOROPROPENE	50.0	50.1	100	55-140
TRICHLOROETHENE	50.0	49.9	99.8	70-130
TRICHLOROFLUOROMETHANE	50.0	52.8	106	10-215

Comments: _____

Primary	SPK
Quant Method :	TALLS.M
Extraction Date :	04/08/14
Analysis Date :	04/08/14
Instrument :	Thor
Run :	0408T17
Initials :	SV

Printed: 04/30/14 11:00:47 AM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B SOIL

APPL ID: **140408S-94765 LCS - 186361**
 Batch ID: **#8260S-140408AT**

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	50.0	50.9	102	45-140
SURROGATE: 1,2-DICHLOROETHANE-	56.1	55.0	98.0	59-120
SURROGATE: 4-BROMOFLUOROBENZ	61.6	65.8	107	82-121
SURROGATE: DIBROMOFLUOROMETH	64.3	63.8	99.1	74-122
SURROGATE: TOLUENE-D8 (S)	72.3	72.9	101	71-127

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	TALLS.M
Extraction Date :	04/08/14
Analysis Date :	04/08/14
Instrument :	Thor
Run :	0408T17
Initials :	SV

Printed: 04/30/14 11:00:48 AM
 APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy W - UST

APPL ID: 140409W-94767 LCS - 185889
Batch ID: #26UW-140409AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	10.00	10.1	101	68-127
1,2-ETHYLENE DIBROMIDE	10.00	10.6	106	70-130
BENZENE	10.00	10.1	101	75-125
DI-ISOPROPYL ETHER	10.00	10.4	104	70-130
ETHYL-TERT-BUTYL ETHER	10.00	10.6	106	70-130
ETHYLBENZENE	10.00	10.5	105	75-125
METHYL TERT-BUTYL ETHER	10.00	10.4	104	70-130
NAPHTHALENE	10.00	10.2	102	55-140
TERT-AMYL METHYL ETHER	10.00	10.6	106	70-130
TERT-BUTYL ALCOHOL	125	142	114	49-167
TOLUENE	10.00	10.4	104	74-125
XYLENES	30.0	31.5	105	70-130
SURROGATE: 1,2-DICHLOROETHANE-	27.2	27.8	102	75-125
SURROGATE: 4-BROMOFLUOROBENZ	28.2	30.7	109	62-139
SURROGATE: DIBROMOFLUOROMETH	28.0	27.9	99.8	75-125
SURROGATE: TOLUENE-D8 (S)	28.0	28.8	103	75-125

Comments: _____

Primary	SPK
Quant Method :	TALLW.M
Extraction Date :	04/09/14
Analysis Date :	04/09/14
Instrument :	Thor
Run :	0409T17
Initials :	SV

Printed: 04/17/14 3:34:04 PM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140409W-94767 LCS - 186362
Batch ID: #8260-140409AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	10.00	10.0	100	73-124
1,1,1-TRICHLOROETHANE	10.00	9.94	99.4	67-125
1,1,2,2-TETRACHLOROETHANE	10.00	10.1	101	71-127
1,1,2-TRICHLOROETHANE	10.00	10.4	104	74-121
1,1-DICHLOROETHANE	10.00	10.1	101	62-132
1,1-DICHLOROETHENE	10.00	9.81	98.1	70-125
1,2-DICHLOROBENZENE	10.00	10.2	102	70-129
1,2-DICHLOROPROPANE	10.00	9.85	98.5	77-125
1,3-DICHLOROBENZENE	10.00	10.3	103	69-129
1,4-DICHLOROBENZENE	10.00	10.3	103	71-126
BROMOBENZENE	10.00	10.3	103	65-130
BROMODICHLOROMETHANE	10.00	9.88	98.8	69-124
BROMOFORM	10.00	10.3	103	67-125
BROMOMETHANE	10.00	10.7	107	71-131
CARBON TETRACHLORIDE	10.00	10.5	105	70-122
CHLOROBENZENE	10.00	10.1	101	72-125
CHLOROETHANE	10.00	10.2	102	78-125
CHLOROFORM	10.00	9.86	98.6	69-122
CHLROMETHANE	10.00	10.5	105	71-124
CIS-1,2-DICHLOROETHENE	10.00	9.89	98.9	72-123
CIS-1,3-DICHLOROPROPENE	10.00	9.93	99.3	70-125
DIBROMOCHLOROMETHANE	10.00	10.2	102	70-125
DIBROMOMETHANE	10.00	10.1	101	66-126
DICHLORODIFLUOROMETHANE	10.00	10.0	100	68-131
FREON-113	10.00	9.60	96.0	74-138
METHYLENE CHLORIDE	10.00	9.39	93.9	78-118
TETRACHLOROETHENE	10.00	9.77	97.7	62-136
TRANS-1,2-DICHLOROETHENE	10.00	9.92	99.2	68-126
TRANS-1,3-DICHLOROPROPENE	10.00	10.3	103	62-127
TRICHLOROETHENE	10.00	10.2	102	70-128
TRICHLOROFUOROMETHANE	10.00	9.45	94.5	66-132

Comments: _____

Primary	SPK
Quant Method :	TALLW.M
Extraction Date :	04/09/14
Analysis Date :	04/09/14
Instrument :	Thor
Run :	0409T17
Initials :	SV

Printed: 04/30/14 11:00:48 AM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140409W-94767 LCS - 186362
 Batch ID: #8260-140409AT

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	10.00	9.77	97.7	79-138
SURROGATE: 1,2-DICHLOROETHANE-	27.2	27.8	102	70-125
SURROGATE: 4-BROMOFLUOROBENZ	28.2	30.7	109	72-133
SURROGATE: DIBROMOFLUOROMETH	28.0	27.9	99.8	78-125
SURROGATE: TOLUENE-D8 (S)	28.0	28.8	103	73-124

Comments: _____

Primary	SPK
Quant Method :	TALLW.M
Extraction Date :	04/09/14
Analysis Date :	04/09/14
Instrument :	Thor
Run :	0409T17
Initials :	SV

Printed: 04/30/14 11:00:48 AM
 APPL Standard LCS

Method Blank
Gas analysis-soil

Blank Name/QCG: **140409S-94765 - 185897**
Batch ID: #GASS-140409A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	GASOLINE	Not detected	1000	340.0	ug/Kg	04/09/14	04/09/14
BLANK	SURROGATE: BFB-FID (S)	111	76-131		%	04/09/14	04/09/14

Quant Method: HGAS.M
Run #: 0409H13
Instrument: Harpo
Sequence: 131015
Initials: LF

GC SC-Blank-REG MDLs
Printed: 04/10/14 11:49:40 AM

Laboratory Control Spike Recoveries

Gas analysis-soil

APPL ID: 140409S-94765 LCS - 185897
 Batch ID: #GASS-140409A

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Compound Name	Spike Lvl ug/Kg	SPK Result ug/Kg	DUP Result ug/Kg	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
GASOLINE	15000	15100	15000	101	100	37-150	0.66	25
SURROGATE: BFB-FID (S)	30.0	35.6	35.8	119	119	76-131		

Comments: _____

<u>Primary</u>	<u>SPK</u>	<u>DUP</u>
Quant Method :	HGAS.M	HGAS.M
Extraction Date :	04/09/14	04/09/14
Analysis Date :	04/09/14	04/09/14
Instrument :	Harpo	Harpo
Run :	0409H11	0409H12
Initials :	LF	

METALS BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date	QC Group
6020	LEAD (PB)	Not detected	0.1	0.02	mg/Kg	04/21/14	04/29/14	#6020S-A140421-AY95081

Laboratory Control Spike Recovery

METALS

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/Kg	SPK Result mg/Kg	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
6020	LEAD (PB)	25.0	21.3	85.2	80-120	04/21/14	04/29/14	#6020S-A140421-AY95081

Comments:



APPL, Inc.
908 N Temperance Ave
Clovis, CA 93611

CHAIN OF CUSTODY RECORD

Phone: (559) 275-2175
Fax: (559) 275-4422

C.O.C. 45094

73072
7/4/94

PLEASE PRINT

Report to:

Company Name: URS Corporation

Phone: 559 256 1468

Address: 30 River Park Place West #180

Fax:

Fresno, CA 93720

Attn: Frank Gregoride

Invoice to:

Company Name: Same

Address:

Fax:

Attn:

PLEASE PRINT

Phone:

Fax:

Sampler (Print)

T. Pendler

Sampler (Signature)

[Signature]

Project Name/Number

Phase II CSM-155 6 St.

Purchase Order Number

15715311

Sample Identification

SB-1E25'

SB-1E35'

MW-1

Trip Blank

SB-1E 15'

SB-1E 10'-105'

Location

Date Collected

Time Collected

Zone

Time

Zone

Time

Zone

Time

Zone

Time

Zone

Time

Zone

Time

Zone

Time

Zone

Time

Zone

Time

Zone

Time

Zone

Time

Zone

Time

Zone

Time

No. of Containers

Matrix

Soil

Sed

Aq

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

Analysis Requested/Method Number

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

TPH (Bois)

Date Shipped:

Carrier:

Waybill No.:

Comments:

Full 8260

Please Contact

Frank Gregoride

for analyses

Shuttle Temperature: 4.0°C

Relinquished by sampler:

Relinquished by:

Turnaround Requested/Check One

Standard 2-3 wk

One week

2448 Hrs.

Other

Received by:

Received by:

White: Return to client with report

Yellow: Laboratory Copy

Pink: Sampler

See reverse side for Container Preservative and Sampling Information



908 North Temperance Ave. ▽ Clovis, CA 93611 ▽ Phone 559-275-2175 ▽ Fax 559-275-4422

Certification Number: CA1312 (DW & WW)
NELAP Certification number: CA00046 (HW)

May 2, 2014

URS Corporation
30 River Park Place West, #180
Fresno, California 93720

Attn: Frank Gegunde

Subject: Report of Data: Case 73087

Results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dear Mr. Gegunde:

The sample group for project "18715311.40000 Phase II ESA-655 G St." was received April 9, 2014, in good condition. The VOC analyte list was revised, as requested on April 25, 2014. Written results are being provided on this May 2, 2014, for the requested analyses. All holding times were met.

For the EPA 8270C-SIM analysis, the samples were extracted according to EPA method 3550B. Sample SB-4@40' recovered the surrogate Nitrobenzene-d5 above the 100% upper control limit at 147%. The high surrogate recovery may be attributed to the sample matrix.

For the EPA 8260B analysis, the soil samples were purged according to the EPA method 5035, and the water samples were purged according to EPA method 5030B. Due to matrix interferences, three of four surrogates recovered high for undiluted sample SB-4@40'. The surrogate recoveries were acceptable for the diluted sample.

For the EPA 8015B TPH-Gas analysis, the samples were prepared according to EPA 5035 and purged according to EPA method 5030B.

For the EPA 6020 analysis, the samples were digested according to EPA method 3050B.

No unusual problem or complication was encountered with this sample set.

If you have any questions or require further information, please contact us at your convenience. Thank you for choosing APPL, Inc.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. These test results meet all requirements of NELAC. Release of the hard copy has been authorized by the Laboratory Manager or her designee, as verified by the following signature.

A handwritten signature in black ink, appearing to read 'Sharon Dehmlow', with a long horizontal flourish extending to the right.

Sharon Dehmlow, Laboratory Director
APPL, Inc.

SD/ab
Enclosure
cc: File

Number of pages in this report_____

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715311.40000 Phase II ESA-655 G St.

Sample ID: **SB-4@40'**

Sample Collection Date: 4/8/14

ARF: 73087

APPL ID: **AY94844**

QCG: #SIMS-140418A-186178

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	460	5.0	0.94	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHENE	2.3 J	5.0	0.97	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/18/14	04/22/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/18/14	04/22/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORENE	2.3 J	5.0	1.00	ug/kg	04/18/14	04/22/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/18/14	04/22/14
8270C-SIM	NAPHTHALENE	420	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	PHENANTHRENE	3.7 J	5.0	1.10	ug/kg	04/18/14	04/22/14
8270C-SIM	PYRENE	1.3 J	5.0	1.24	ug/kg	04/18/14	04/22/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	78.2	45-105		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	147 #	35-100		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	84.6	30-125		%	04/18/14	04/22/14

J = Estimated value.

= Recovery (or RPD) is outside QC limits.

Quant Method: SIM.M
Run #: 0422L020
Instrument: Linus
Sequence: L140422
Dilution Factor: 1
Initials: LF

Printed: 4/23/14 9:08:59 AM

APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715311.40000 Phase II ESA-655 G St.

Sample ID: SB-4@65'

Sample Collection Date: 4/8/14

ARF: 73087

APPL ID: AY94845

QCG: #SIMS-140418A-186178

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/18/14	04/22/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/18/14	04/22/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/18/14	04/22/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/18/14	04/22/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/18/14	04/22/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/18/14	04/22/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	69.8	45-105		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	88.0	35-100		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	46.3	30-125		%	04/18/14	04/22/14

Quant Method: SIM.M
Run #: 0422L021
Instrument: Linus
Sequence: L140422
Dilution Factor: 1
Initials: LF

Printed: 4/23/14 9:08:59 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.40000 Phase II ESA-655 G St.

Sample ID: SB-4@40'

Sample Collection Date: 04/08/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73087

APPL ID: AY94844

QCG: #26US-140411AT-186002

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/11/14	04/11/14
EPA 8260B	BENZENE	22	5.0	0.63	ug/Kg	04/11/14	04/11/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/11/14	04/11/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/11/14	04/11/14
EPA 8260B	ETHYLBENZENE	8400 E	5.0	0.64	ug/Kg	04/11/14	04/11/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/11/14	04/11/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/11/14	04/11/14
EPA 8260B	TERT-BUTYL ALCOHOL	62 J	200.0	27.60	ug/Kg	04/11/14	04/11/14
EPA 8260B	TOLUENE	4800 E	5.0	0.65	ug/Kg	04/11/14	04/11/14
EPA 8260B	XYLENES	42000 E	5.0	0.68	ug/Kg	04/11/14	04/11/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	121	52-149		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	463 #	65-135		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	118	65-135		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	476 #	65-135		%	04/11/14	04/11/14

J = Estimated value.

E = The reported value exceeds linear range.

= Recovery (or RPD) is outside QC limits.

Quant Method: TALLS.M
Run #: 0411T21
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: DG

Printed: 04/16/14 10:37:23 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX OXY W - UST MEOH

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.40000 Phase II ESA-655 G St.

Sample ID: **SB-4@40'**

Sample Collection Date: 04/08/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73087

APPL ID: **AY94844**

QCG: #26USM-140415AM-186021

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B-	ETHYLBENZENE	20000	300.0	115.00	ug/Kg	04/15/14	04/15/14
EPA 8260B-	TOLUENE	19000	550.0	85.00	ug/Kg	04/15/14	04/15/14
EPA 8260B-	XYLENES	130000	250.0	95.00	ug/Kg	04/15/14	04/15/14
EPA 8260B-	SURROGATE: 1,2-DICHLOROETHAN	110	75-125		%	04/15/14	04/15/14
EPA 8260B-	SURROGATE: 4-BROMOFLUOROBEN	118	62-139		%	04/15/14	04/15/14
EPA 8260B-	SURROGATE: DIBROMOFLUOROME	107	75-125		%	04/15/14	04/15/14
EPA 8260B-	SURROGATE: TOLUENE-D8 (S)	104	75-125		%	04/15/14	04/15/14

Quant Method: MALLW.M
Run #: 0415M17
Instrument: MAX
Sequence: M140414
Dilution Factor: 500
Initials: DG

Printed: 04/17/14 1:52:36 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715311.40000 Phase II ESA-655 G St.

Sample ID: SB-4@40'

Sample Collection Date: 04/08/14

ARF: 73087

APPL ID: AY94844

QCG: #8260S-140411AT-186373

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/11/14	04/11/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/11/14	04/11/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/11/14	04/11/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/11/14	04/11/14
EPA 8260B	BROMOMETHANE	1.6 J	10.0	1.60	ug/Kg	04/11/14	04/11/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/11/14	04/11/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/11/14	04/11/14
EPA 8260B	CHLOROETHANE	15	5.0	1.55	ug/Kg	04/11/14	04/11/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/11/14	04/11/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/11/14	04/11/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/11/14	04/11/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/11/14	04/11/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/11/14	04/11/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/11/14	04/11/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/11/14	04/11/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/11/14	04/11/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/11/14	04/11/14
EPA 8260B	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/11/14	04/11/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/11/14	04/11/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/11/14	04/11/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/11/14	04/11/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/11/14	04/11/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/11/14	04/11/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	121 #	59-120		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	463 #	82-121		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: DIBROMOFLUOROBEN	118	74-122		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	476 #	71-127		%	04/11/14	04/11/14

J = Estimated value.

= Recovery (or RPD) is outside QC limits.

Quant Method: TALLS.M
Run #: 0411T21
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: SV

Printed: 04/30/14 11:48:28 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.40000 Phase II ESA-655 G St.

Sample ID: SB-4@65'

Sample Collection Date: 04/08/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73087

APPL ID: AY94845

QCG: #26US-140415AT-186004

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/15/14	04/15/14
EPA 8260B	BENZENE	Not detected	5.0	0.63	ug/Kg	04/15/14	04/15/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/15/14	04/15/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/15/14	04/15/14
EPA 8260B	ETHYLBENZENE	0.95 J	5.0	0.64	ug/Kg	04/15/14	04/15/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/15/14	04/15/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/15/14	04/15/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/15/14	04/15/14
EPA 8260B	TOLUENE	2.3 J	5.0	0.65	ug/Kg	04/15/14	04/15/14
EPA 8260B	XYLENES	26	5.0	0.68	ug/Kg	04/15/14	04/15/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	117	52-149		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	104	65-135		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	111	65-135		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	95.1	65-135		%	04/15/14	04/15/14

J = Estimated value.

Quant Method: TALLS.M
Run #: 0415T11
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: DG

Printed: 04/16/14 10:37:24 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.40000 Phase II ESA-655 G St.

Sample ID: SB-4@65'

Sample Collection Date: 04/08/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73087

APPL ID: AY94845

QCG: #8260S-140415AT-186374

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/15/14	04/15/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/15/14	04/15/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/15/14	04/15/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/15/14	04/15/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/15/14	04/15/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/15/14	04/15/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/15/14	04/15/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/15/14	04/15/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/15/14	04/15/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/15/14	04/15/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/15/14	04/15/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/15/14	04/15/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/15/14	04/15/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/15/14	04/15/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/15/14	04/15/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/15/14	04/15/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/15/14	04/15/14
EPA 8260B	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/15/14	04/15/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/15/14	04/15/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/15/14	04/15/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/15/14	04/15/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/15/14	04/15/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/15/14	04/15/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	117	59-120		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	104	82-121		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: DIBROMOFLUOROBEN	111	74-122		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	95.1	71-127		%	04/15/14	04/15/14

Quant Method: TALLS.M
Run #: 0415T11
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: SV

Printed: 04/30/14 11:48:28 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.40000 Phase II ESA-655 G St.

Sample ID: Trip Blank

Sample Collection Date: 04/09/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73087

APPL ID: AY94846

QCG: #26UW-140410AT-185931

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/10/14	04/10/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/10/14	04/10/14
EPA 8260B	BENZENE	Not detected	0.4	0.16	ug/L	04/10/14	04/10/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/10/14	04/10/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/10/14	04/10/14
EPA 8260B	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/10/14	04/10/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/10/14	04/10/14
EPA 8260B	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/10/14	04/10/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/10/14	04/10/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/10/14	04/10/14
EPA 8260B	TOLUENE	Not detected	1.1	0.17	ug/L	04/10/14	04/10/14
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	04/10/14	04/10/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	103	75-125		%	04/10/14	04/10/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	102	62-139		%	04/10/14	04/10/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	102	75-125		%	04/10/14	04/10/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	100	75-125		%	04/10/14	04/10/14

Quant Method: TALLW.M
Run #: 0410T11
Instrument: Thor
Sequence: T140409
Dilution Factor: 1
Initials: DG

Printed: 04/17/14 3:41:33 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.40000 Phase II ESA-655 G St.

Sample ID: Trip Blank

Sample Collection Date: 04/09/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73087

APPL ID: AY94846

QCG: #8260-140410AT-186372

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/10/14	04/10/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/10/14	04/10/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/10/14	04/10/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/10/14	04/10/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/10/14	04/10/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/10/14	04/10/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/10/14	04/10/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/10/14	04/10/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/10/14	04/10/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/10/14	04/10/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/10/14	04/10/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/10/14	04/10/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/10/14	04/10/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/10/14	04/10/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/10/14	04/10/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/10/14	04/10/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/10/14	04/10/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/10/14	04/10/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/10/14	04/10/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/10/14	04/10/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/10/14	04/10/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/10/14	04/10/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/10/14	04/10/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/10/14	04/10/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/10/14	04/10/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/10/14	04/10/14
EPA 8260B	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/10/14	04/10/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/10/14	04/10/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/10/14	04/10/14
EPA 8260B	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/10/14	04/10/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/10/14	04/10/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/10/14	04/10/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	103	70-125		%	04/10/14	04/10/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	102	72-133		%	04/10/14	04/10/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	102	78-125		%	04/10/14	04/10/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	100	73-124		%	04/10/14	04/10/14

Quant Method: TALLW.M
Run #: 0410T11
Instrument: Thor
Sequence: T140409
Dilution Factor: 1
Initials: SV

Printed: 04/30/14 11:59:13 AM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.40000 Phase II ESA-655 G St.

Sample ID: SB-4@40'

Sample Collection Date: 04/08/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73087

APPL ID: AY94844

QCG: #GASS-140421A-186125

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	770000 ++	80000	27200.0	ug/Kg	04/21/14	04/21/14
EPA 8015	SURROGATE: BFB-FID (S)	116	76-131		%	04/21/14	04/21/14

++(G3) The analyst has noted that the chromatogram of this sample includes higher boiling hydrocarbons.

Quant Method: HGAS.M
Run #: 0421H15
Instrument: Harpo
Sequence: 131015
Dilution Factor: 80
Initials: LF

Printed: 04/22/14 7:34:01 AM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: 18715311.40000 Phase II ESA-655 G St.

Sample ID: SB-4@65'

Sample Collection Date: 04/08/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73087

APPL ID: AY94845

QCG: #GASS-140421A-186125

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	04/21/14	04/21/14
EPA 8015	SURROGATE: BFB-FID (S)	95.6	76-131		%	04/21/14	04/21/14

Quant Method: HGAS.M
Run #: 0421H12
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 04/22/14 7:34:01 AM
APPL-F1-SC-NoMC-REG MDLs

Metals Results

ARF: 73087

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Method	Analyte	Result	RL	MDL	Units	DF	Prep Date	Analysis Date
APPL ID: AY94844 -Client Sample ID: SB-4@40'		-Sample Collection Date: 04/08/14 Project: 18715311.40000 Phase II						
6020	LEAD (PB)	9.8	0.5	0.10	mg/Kg	5	04/21/14	04/29/14
APPL ID: AY94845 -Client Sample ID: SB-4@65'		-Sample Collection Date: 04/08/14 Project: 18715311.40000 Phase II						
6020	LEAD (PB)	1.9	0.5	0.10	mg/Kg	5	04/21/14	04/29/14

Printed: 04/29/14 12:34:18 PM

APPL-F1-SC-NoMC-REG MDLs

Method Blank

EPA 8270C - SOLID

Blank Name/QCG: 140418S-94765 - 186178
Batch ID: #SIMS-140418A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	4/18/14	4/22/14
BLANK	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	4/18/14	4/22/14
BLANK	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	4/18/14	4/22/14
BLANK	ANTHRACENE	Not detected	5.0	0.83	ug/kg	4/18/14	4/22/14
BLANK	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	4/18/14	4/22/14
BLANK	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	4/18/14	4/22/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	4/18/14	4/22/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	4/18/14	4/22/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	4/18/14	4/22/14
BLANK	CHRYSENE	Not detected	5.0	0.85	ug/kg	4/18/14	4/22/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	4/18/14	4/22/14
BLANK	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	4/18/14	4/22/14
BLANK	FLUORENE	Not detected	5.0	1.00	ug/kg	4/18/14	4/22/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	4/18/14	4/22/14
BLANK	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	4/18/14	4/22/14
BLANK	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	4/18/14	4/22/14
BLANK	PYRENE	Not detected	5.0	1.24	ug/kg	4/18/14	4/22/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	83.5	45-105		%	4/18/14	4/22/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	63.0	35-100		%	4/18/14	4/22/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	99.4	30-125		%	4/18/14	4/22/14

Quant Method: SIM.M
Run #: 0422L012
Instrument: Linus
Sequence: L140422
Initials: LF

GC SC-Blank-REG MDLs
Printed: 4/23/14 9:08:47 AM

Laboratory Control Spike Recovery

EPA 8270C - SOLID

APPL ID: 140418S-94765 LCS - 186178

Batch ID: #SIMS-140418A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
2-METHYLNAPHTHALENE	133	122	91.7	45-105
ACENAPHTHENE	133	129	97.0	45-110
ACENAPHTHYLENE	133	126	94.7	45-105
ANTHRACENE	133	133	100	55-105
BENZ(A)ANTHRACENE	133	128	96.2	50-110
BENZO(A)PYRENE	133	130	97.7	50-110
BENZO(B)FLUORANTHENE	133	113	85.0	45-115
BENZO(G,H,I)PERYLENE	133	128	96.2	40-125
BENZO(K)FLUORANTHENE	133	132	99.2	45-125
CHRYSENE	133	131	98.5	55-110
DIBENZ(A,H)ANTHRACENE	133	118	88.7	40-125
FLUORANTHENE	133	142	107	55-115
FLUORENE	133	132	99.2	50-110
INDENO(1,2,3-CD)PYRENE	133	112	84.2	40-120
NAPHTHALENE	133	89.7	67.4	40-105
PHENANTHRENE	133	137	103	50-110
PYRENE	133	131	98.5	45-125
SURROGATE: 2-FLUORBIPHENYL (S)	66.7	53.0	79.5	45-105
SURROGATE: NITROBENZENE-D5 (S)	66.7	42.3	63.4	35-100
SURROGATE: TERPHENYL-D14 (S)	66.7	63.0	94.5	30-125

Comments: _____

Primary	SPK
Quant Method :	SIM.M
Extraction Date :	4/18/14
Analysis Date :	4/22/14
Instrument :	Linus
Run :	0422L013
Initials :	LF

Printed: 4/23/14 9:08:48 AM

APPL Standard LCS

Method Blank **EPA 8260B BTEX Oxy S - UST**

Blank Name/QCG: **140411S-94939 - 186002**
 Batch ID: #26US-140411AT

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/11/14	04/11/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/11/14	04/11/14
BLANK	BENZENE	Not detected	5.0	0.63	ug/Kg	04/11/14	04/11/14
BLANK	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/11/14	04/11/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/11/14	04/11/14
BLANK	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/11/14	04/11/14
BLANK	MTBE	Not detected	5.0	1.50	ug/Kg	04/11/14	04/11/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/11/14	04/11/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/11/14	04/11/14
BLANK	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/11/14	04/11/14
BLANK	XYLENES	Not detected	5.0	0.68	ug/Kg	04/11/14	04/11/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	103	52-149		%	04/11/14	04/11/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	101	65-135		%	04/11/14	04/11/14
BLANK	SURROGATE: DIBROMOFLUOROME	102	65-135		%	04/11/14	04/11/14
BLANK	SURROGATE: TOLUENE-D8 (S)	95.6	65-135		%	04/11/14	04/11/14

Quant Method: TALLS.M
 Run #: 0411T12
 Instrument: Thor
 Sequence: T140408
 Initials: DG

GC SC-Blank-REG MDLs
 Printed: 04/16/14 10:37:28 AM

Method Blank

EPA 8260B SOIL

Blank Name/QCG: 140411S-94844 - 186373
Batch ID: #8260S-140411AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/11/14	04/11/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/11/14	04/11/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/11/14	04/11/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/11/14	04/11/14
BLANK	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/11/14	04/11/14
BLANK	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/11/14	04/11/14
BLANK	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/11/14	04/11/14
BLANK	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/11/14	04/11/14
BLANK	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/11/14	04/11/14
BLANK	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/11/14	04/11/14
BLANK	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/11/14	04/11/14
BLANK	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/11/14	04/11/14
BLANK	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/11/14	04/11/14
BLANK	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/11/14	04/11/14
BLANK	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/11/14	04/11/14
BLANK	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/11/14	04/11/14
BLANK	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/11/14	04/11/14
BLANK	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/11/14	04/11/14
BLANK	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/11/14	04/11/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/11/14	04/11/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/11/14	04/11/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/11/14	04/11/14
BLANK	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/11/14	04/11/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/11/14	04/11/14
BLANK	FREON 113	Not detected	10.0	0.83	ug/Kg	04/11/14	04/11/14
BLANK	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/11/14	04/11/14
BLANK	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/11/14	04/11/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/11/14	04/11/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/11/14	04/11/14
BLANK	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/11/14	04/11/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/11/14	04/11/14
BLANK	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/11/14	04/11/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	103	59-120		%	04/11/14	04/11/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	101	82-121		%	04/11/14	04/11/14

Quant Method: TALLS.M
Run #: 0411T12
Instrument: Thor
Sequence: T140408
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 11:48:19 AM

Method Blank
EPA 8260B SOIL

Blank Name/QCG: **140411S-94844 - 186373**
Batch ID: #8260S-140411AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	102	74-122		%	04/11/14	04/11/14
BLANK	SURROGATE: TOLUENE-D8 (S)	95.6	71-127		%	04/11/14	04/11/14

Quant Method: TALLS.M
Run #: 0411T12
Instrument: Thor
Sequence: T140408
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 11:48:19 AM

Method Blank
EPA 8260B BTEX Oxy S - UST

Blank Name/QCG: **140415S-94845 - 186004**
 Batch ID: #26US-140415AT

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/15/14	04/15/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/15/14	04/15/14
BLANK	BENZENE	Not detected	5.0	0.63	ug/Kg	04/15/14	04/15/14
BLANK	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/15/14	04/15/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/15/14	04/15/14
BLANK	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/15/14	04/15/14
BLANK	MTBE	Not detected	5.0	1.50	ug/Kg	04/15/14	04/15/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/15/14	04/15/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/15/14	04/15/14
BLANK	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/15/14	04/15/14
BLANK	XYLENES	Not detected	5.0	0.68	ug/Kg	04/15/14	04/15/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	106	52-149		%	04/15/14	04/15/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	98.7	65-135		%	04/15/14	04/15/14
BLANK	SURROGATE: DIBROMOFLUOROME	107	65-135		%	04/15/14	04/15/14
BLANK	SURROGATE: TOLUENE-D8 (S)	94.0	65-135		%	04/15/14	04/15/14

Quant Method: TALLS.M
 Run #: 0415T10
 Instrument: Thor
 Sequence: T140408
 Initials: DG

GC SC-Blank-REG MDLs
 Printed: 04/16/14 10:37:28 AM

Method Blank

EPA 8260B SOIL

Blank Name/QCG: 140415S-94845 - 186374
Batch ID: #8260S-140415AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/15/14	04/15/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/15/14	04/15/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/15/14	04/15/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/15/14	04/15/14
BLANK	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/15/14	04/15/14
BLANK	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/15/14	04/15/14
BLANK	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/15/14	04/15/14
BLANK	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/15/14	04/15/14
BLANK	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/15/14	04/15/14
BLANK	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/15/14	04/15/14
BLANK	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/15/14	04/15/14
BLANK	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/15/14	04/15/14
BLANK	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/15/14	04/15/14
BLANK	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/15/14	04/15/14
BLANK	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/15/14	04/15/14
BLANK	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/15/14	04/15/14
BLANK	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/15/14	04/15/14
BLANK	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/15/14	04/15/14
BLANK	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/15/14	04/15/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/15/14	04/15/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/15/14	04/15/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/15/14	04/15/14
BLANK	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/15/14	04/15/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/15/14	04/15/14
BLANK	FREON 113	Not detected	10.0	0.83	ug/Kg	04/15/14	04/15/14
BLANK	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/15/14	04/15/14
BLANK	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/15/14	04/15/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/15/14	04/15/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/15/14	04/15/14
BLANK	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/15/14	04/15/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/15/14	04/15/14
BLANK	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/15/14	04/15/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	106	59-120		%	04/15/14	04/15/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	98.7	82-121		%	04/15/14	04/15/14

Quant Method: TALLS.M
Run #: 0415T10
Instrument: Thor
Sequence: T140408
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 11:48:19 AM

Method Blank
EPA 8260B SOIL

Blank Name/QCG: **140415S-94845 - 186374**
Batch ID: #8260S-140415AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	107	74-122		%	04/15/14	04/15/14
BLANK	SURROGATE: TOLUENE-D8 (S)	94.0	71-127		%	04/15/14	04/15/14

Quant Method: TALLS.M
Run #: 0415T10
Instrument: Thor
Sequence: T140408
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 11:48:19 AM

Method Blank
EPA 8260B BTEX OXY W - UST MEOH

Blank Name/QCG: 140415S-95081 - 186021
 Batch ID: #26USM-140415AM

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	30.0	7.00	ug/Kg	04/15/14	04/15/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	30.0	10.00	ug/Kg	04/15/14	04/15/14
BLANK	BENZENE	Not detected	20.0	8.00	ug/Kg	04/15/14	04/15/14
BLANK	DI-ISOPROPYL ETHER	Not detected	25.0	8.00	ug/Kg	04/15/14	04/15/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	25.0	9.50	ug/Kg	04/15/14	04/15/14
BLANK	ETHYLBENZENE	Not detected	30.0	11.50	ug/Kg	04/15/14	04/15/14
BLANK	METHYL TERT-BUTYL ETHER	Not detected	25.0	9.50	ug/Kg	04/15/14	04/15/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	25.0	7.00	ug/Kg	04/15/14	04/15/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	1250.0	500.00	ug/Kg	04/15/14	04/15/14
BLANK	TOLUENE	Not detected	55.0	8.50	ug/Kg	04/15/14	04/15/14
BLANK	XYLENES	Not detected	25.0	9.50	ug/Kg	04/15/14	04/15/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	112	75-125		%	04/15/14	04/15/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	111	62-139		%	04/15/14	04/15/14
BLANK	SURROGATE: DIBROMOFLUOROME	107	75-125		%	04/15/14	04/15/14
BLANK	SURROGATE: TOLUENE-D8 (S)	116	75-125		%	04/15/14	04/15/14

Quant Method: MALLW.M
 Run #: 0415M10
 Instrument: MAX
 Sequence: M140414
 Initials: DG

GC SC-Blank-REG MDLs
 Printed: 04/16/14 10:37:28 AM

Method Blank **EPA 8260B BTEX Oxy W - UST**

Blank Name/QCG: **140410W-94846 - 185931**
 Batch ID: #26UW-140410AT

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/10/14	04/10/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/10/14	04/10/14
BLANK	BENZENE	Not detected	0.4	0.16	ug/L	04/10/14	04/10/14
BLANK	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/10/14	04/10/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/10/14	04/10/14
BLANK	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/10/14	04/10/14
BLANK	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/10/14	04/10/14
BLANK	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/10/14	04/10/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/10/14	04/10/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/10/14	04/10/14
BLANK	TOLUENE	Not detected	1.1	0.17	ug/L	04/10/14	04/10/14
BLANK	XYLENES	Not detected	0.5	0.19	ug/L	04/10/14	04/10/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	102	75-125		%	04/10/14	04/10/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	98.1	62-139		%	04/10/14	04/10/14
BLANK	SURROGATE: DIBROMOFLUOROME	101	75-125		%	04/10/14	04/10/14
BLANK	SURROGATE: TOLUENE-D8 (S)	96.8	75-125		%	04/10/14	04/10/14

Quant Method: TALLW.M
 Run #: 0410T07
 Instrument: Thor
 Sequence: T140409
 Initials: DG

GC SC-Blank-REG MDLs
 Printed: 04/17/14 3:41:36 PM

Method Blank

EPA 8260B

Blank Name/QCG: **140410W-94846 - 186372**
Batch ID: #8260-140410AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/10/14	04/10/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/10/14	04/10/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/10/14	04/10/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/10/14	04/10/14
BLANK	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/10/14	04/10/14
BLANK	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/10/14	04/10/14
BLANK	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/10/14	04/10/14
BLANK	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/10/14	04/10/14
BLANK	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/10/14	04/10/14
BLANK	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/10/14	04/10/14
BLANK	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/10/14	04/10/14
BLANK	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/10/14	04/10/14
BLANK	BROMOFORM	Not detected	0.5	0.14	ug/L	04/10/14	04/10/14
BLANK	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/10/14	04/10/14
BLANK	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/10/14	04/10/14
BLANK	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/10/14	04/10/14
BLANK	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/10/14	04/10/14
BLANK	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/10/14	04/10/14
BLANK	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/10/14	04/10/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/10/14	04/10/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/10/14	04/10/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/10/14	04/10/14
BLANK	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/10/14	04/10/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/10/14	04/10/14
BLANK	FREON-113	Not detected	0.5	0.21	ug/L	04/10/14	04/10/14
BLANK	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/10/14	04/10/14
BLANK	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/10/14	04/10/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/10/14	04/10/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/10/14	04/10/14
BLANK	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/10/14	04/10/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/10/14	04/10/14
BLANK	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/10/14	04/10/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	102	70-125		%	04/10/14	04/10/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	98.1	72-133		%	04/10/14	04/10/14

Quant Method: TALLW.M
Run #: 0410T07
Instrument: Thor
Sequence: T140409
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 11:58:40 AM

Method Blank
EPA 8260B

Blank Name/QCG: **140410W-94846 - 186372**
Batch ID: #8260-140410AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	101	78-125		%	04/10/14	04/10/14
BLANK	SURROGATE: TOLUENE-D8 (S)	96.8	73-124		%	04/10/14	04/10/14

Quant Method: TALLW.M
Run #: 0410T07
Instrument: Thor
Sequence: T140409
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 11:58:40 AM

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy S - UST

APPL ID: 140411S-94939 LCS - 186002

Batch ID: #26US-140411AT

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	50.0	51.8	104	75-123
1,2-ETHYLENE DIBROMIDE	50.0	54.9	110	85-123
BENZENE	50.0	55.7	111	81-123
DI-ISOPROPYL ETHER	50.0	53.6	107	94-114
ETHYL-TERT-BUTYL ETHER	50.0	52.4	105	90-126
ETHYLBENZENE	50.0	59.5	119	78-127
MTBE	50.0	52.5	105	65-135
TERT-AMYL METHYL ETHER	50.0	53.4	107	50-150
TERT-BUTYL ALCOHOL	250	209	83.6	65-135
TOLUENE	50.0	56.9	114	82-125
XYLENES	150	181	121	76-134
SURROGATE: 1,2-DICHLOROETHANE-D	56.1	56.0	99.8	52-149
SURROGATE: 4-BROMOFLUOROBENZE	61.6	69.6	113	65-135
SURROGATE: DIBROMOFLUOROMETH	64.3	66.0	103	65-135
SURROGATE: TOLUENE-D8 (S)	72.3	74.1	103	65-135

Comments:

Primary	SPK
Quant Method :	TALLS.M
Extraction Date :	04/11/14
Analysis Date :	04/11/14
Instrument :	Thor
Run :	0411T08
Initials :	DG

Printed: 04/16/14 10:37:20 AM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B SOIL

APPL ID: 140411S-94844 LCS - 186373
Batch ID: #8260S-140411AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	50.0	58.6	117	62-125
1,1,1-TRICHLOROETHANE	50.0	55.8	112	65-135
1,1,2,2-TETRACHLOROETHANE	50.0	48.0	96.0	64-135
1,1,2-TRICHLOROETHANE	50.0	54.1	108	65-135
1,1-DICHLOROETHANE	50.0	54.2	108	62-135
1,1-DICHLOROETHENE	50.0	52.7	105	65-135
1,2-DICHLOROBENZENE	50.0	50.6	101	65-125
1,2-DICHLOROPROPANE	50.0	54.6	109	65-125
1,3-DICHLOROBENZENE	50.0	53.9	108	65-135
1,4-DICHLOROBENZENE	50.0	52.5	105	65-135
BROMOBENZENE	50.0	54.4	109	55-130
BROMODICHLOROMETHANE	50.0	55.2	110	60-135
BROMOFORM	50.0	56.1	112	45-150
BROMOMETHANE	50.0	48.9	97.8	10-180
CARBON TETRACHLORIDE	50.0	56.5	113	55-145
CHLOROBENZENE	50.0	57.6	115	65-130
CHLOROETHANE	50.0	53.0	106	20-175
CHLOROFORM	50.0	56.4	113	65-135
CHLOROMETHANE	50.0	41.6	83.2	40-140
CIS-1,2-DICHLOROETHENE	50.0	53.3	107	55-135
CIS-1,3-DICHLOROPROPENE	50.0	56.5	113	65-135
DIBROMOCHLOROMETHANE	50.0	58.3	117	63-135
DIBROMOMETHANE	50.0	52.9	106	65-135
DICHLORODIFLUOROMETHANE	50.0	47.0	94.0	15-155
FREON 113	50.0	49.5	99.0	71-135
METHYLENE CHLORIDE	50.0	52.3	105	40-155
TETRACHLOROETHENE	50.0	58.6	117	55-150
TRANS-1,2-DICHLOROETHENE	50.0	53.8	108	55-145
TRANS-1,3-DICHLOROPROPENE	50.0	56.1	112	55-140
TRICHLOROETHENE	50.0	53.9	108	70-130
TRICHLOROFLUOROMETHANE	50.0	48.1	96.2	10-215

Comments: _____

Primary	SPK
Quant Method :	TALLS.M
Extraction Date :	04/11/14
Analysis Date :	04/11/14
Instrument :	Thor
Run :	0411T08
Initials :	SV

Printed: 04/30/14 11:48:24 AM
APPL Standard LCS

Laboratory Control Spike Recovery
EPA 8260B SOIL

APPL ID: 140411S-94844 LCS - 186373

Batch ID: #8260S-140411AT

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	50.0	47.3	94.6	45-140
SURROGATE: 1,2-DICHLOROETHANE-	56.1	56.0	99.8	59-120
SURROGATE: 4-BROMOFLUOROBENZ	61.6	69.6	113	82-121
SURROGATE: DIBROMOFLUOROMETH	64.3	66.0	103	74-122
SURROGATE: TOLUENE-D8 (S)	72.3	74.1	103	71-127

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	TALLS.M
Extraction Date :	04/11/14
Analysis Date :	04/11/14
Instrument :	Thor
Run :	0411T08
Initials :	SV

Printed: 04/30/14 11:48:24 AM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy S - UST

APPL ID: 140415S-94845 LCS - 186004

Batch ID: #26US-140415AT

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	50.0	51.0	102	75-123
1,2-ETHYLENE DIBROMIDE	50.0	57.4	115	85-123
BENZENE	50.0	50.2	100	81-123
DI-ISOPROPYL ETHER	50.0	50.5	101	94-114
ETHYL-TERT-BUTYL ETHER	50.0	53.0	106	90-126
ETHYLBENZENE	50.0	54.9	110	78-127
MTBE	50.0	53.6	107	65-135
TERT-AMYL METHYL ETHER	50.0	53.9	108	50-150
TERT-BUTYL ALCOHOL	250	298	119	65-135
TOLUENE	50.0	52.9	106	82-125
XYLENES	150	171	114	76-134
SURROGATE: 1,2-DICHLOROETHANE-D	56.1	57.4	102	52-149
SURROGATE: 4-BROMOFLUOROBENZE	61.6	70.5	114	65-135
SURROGATE: DIBROMOFLUOROMETH	64.3	66.6	103	65-135
SURROGATE: TOLUENE-D8 (S)	72.3	72.3	100	65-135

Comments: _____

Primary	SPK
Quant Method :	TALLS.M
Extraction Date :	04/15/14
Analysis Date :	04/15/14
Instrument :	Thor
Run :	0415T05
Initials :	DG

Printed: 04/16/14 10:37:20 AM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B SOIL

APPL ID: 140415S-94845 LCS - 186374

Batch ID: #8260S-140415AT

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	50.0	56.5	113	62-125
1,1,1-TRICHLOROETHANE	50.0	53.1	106	65-135
1,1,2,2-TETRACHLOROETHANE	50.0	51.6	103	64-135
1,1,2-TRICHLOROETHANE	50.0	56.3	113	65-135
1,1-DICHLOROETHANE	50.0	49.4	98.8	62-135
1,1-DICHLOROETHENE	50.0	49.0	98.0	65-135
1,2-DICHLOROBENZENE	50.0	50.5	101	65-125
1,2-DICHLOROPROPANE	50.0	52.6	105	65-125
1,3-DICHLOROBENZENE	50.0	53.1	106	65-135
1,4-DICHLOROBENZENE	50.0	51.7	103	65-135
BROMOBENZENE	50.0	51.9	104	55-130
BROMODICHLOROMETHANE	50.0	54.4	109	60-135
BROMOFORM	50.0	60.1	120	45-150
BROMOMETHANE	50.0	54.0	108	10-180
CARBON TETRACHLORIDE	50.0	56.2	112	55-145
CHLOROBENZENE	50.0	55.6	111	65-130
CHLOROETHANE	50.0	51.2	102	20-175
CHLOROFORM	50.0	52.5	105	65-135
CHLOROMETHANE	50.0	39.1	78.2	40-140
CIS-1,2-DICHLOROETHENE	50.0	49.1	98.2	55-135
CIS-1,3-DICHLOROPROPENE	50.0	53.0	106	65-135
DIBROMOCHLOROMETHANE	50.0	57.7	115	63-135
DIBROMOMETHANE	50.0	53.8	108	65-135
DICHLORODIFLUOROMETHANE	50.0	46.0	92.0	15-155
FREON 113	50.0	53.0	106	71-135
METHYLENE CHLORIDE	50.0	49.4	98.8	40-155
TETRACHLOROETHENE	50.0	57.5	115	55-150
TRANS-1,2-DICHLOROETHENE	50.0	49.3	98.6	55-145
TRANS-1,3-DICHLOROPROPENE	50.0	54.6	109	55-140
TRICHLOROETHENE	50.0	50.0	100	70-130
TRICHLOROFLUOROMETHANE	50.0	56.0	112	10-215

Comments: _____

Primary	SPK
Quant Method :	TALLS.M
Extraction Date :	04/15/14
Analysis Date :	04/15/14
Instrument :	Thor
Run :	0415T05
Initials :	SV

Printed: 04/30/14 11:48:25 AM

APPL Standard LCS

Laboratory Control Spike Recovery
EPA 8260B SOIL

APPL ID: **140415S-94845 LCS - 186374**
Batch ID: #8260S-140415AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	50.0	48.6	97.2	45-140
SURROGATE: 1,2-DICHLOROETHANE-	56.1	57.4	102	59-120
SURROGATE: 4-BROMOFLUOROBENZ	61.6	70.5	114	82-121
SURROGATE: DIBROMOFLUOROMETH	64.3	66.6	103	74-122
SURROGATE: TOLUENE-D8 (S)	72.3	72.3	100	71-127

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	TALLS.M
Extraction Date :	04/15/14
Analysis Date :	04/15/14
Instrument :	Thor
Run :	0415T05
Initials :	SV

Printed: 04/30/14 11:48:25 AM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B BTEX OXY W - UST MEOH

APPL ID: 140415S-95081 LCS - 186021

Batch ID: #26USM-140415AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	500	524	105	68-127
1,2-ETHYLENE DIBROMIDE	500	500	100	70-130
BENZENE	500	526	105	75-125
DI-ISOPROPYL ETHER	500	489	97.8	70-130
ETHYL-TERT-BUTYL ETHER	500	521	104	70-130
ETHYLBENZENE	500	514	103	75-125
METHYL TERT-BUTYL ETHER	500	483	96.6	70-130
TERT-AMYL METHYL ETHER	500	509	102	70-130
TERT-BUTYL ALCOHOL	6250	6500	104	70-130
TOLUENE	500	528	106	74-125
XYLENES	1500	1800	120	70-130
SURROGATE: 1,2-DICHLOROETHANE-D	19.6	22.7	116	75-125
SURROGATE: 4-BROMOFLUOROBENZE	18.8	22.9	122	62-139
SURROGATE: DIBROMOFLUOROMETH	20.3	23.0	113	75-125
SURROGATE: TOLUENE-D8 (S)	20.5	23.9	116	75-125

Comments: _____

Primary	SPK
Quant Method :	MALLW.M
Extraction Date :	04/15/14
Analysis Date :	04/15/14
Instrument :	MAX
Run :	0415M06
Initials :	DG

Printed: 04/16/14 10:37:20 AM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy W - UST

APPL ID: 140410W-94846 LCS - 185931

Batch ID: #26UW-140410AT

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	10.00	9.67	96.7	68-127
1,2-ETHYLENE DIBROMIDE	10.00	10.2	102	70-130
BENZENE	10.00	9.52	95.2	75-125
DI-ISOPROPYL ETHER	10.00	10.3	103	70-130
ETHYL-TERT-BUTYL ETHER	10.00	9.96	99.6	70-130
ETHYLBENZENE	10.00	10.2	102	75-125
METHYL TERT-BUTYL ETHER	10.00	9.90	99.0	70-130
NAPHTHALENE	10.00	9.16	91.6	55-140
TERT-AMYL METHYL ETHER	10.00	9.97	99.7	70-130
TERT-BUTYL ALCOHOL	125	127	102	49-167
TOLUENE	10.00	9.87	98.7	74-125
XYLENES	30.0	30.7	102	70-130
SURROGATE: 1,2-DICHLOROETHANE-D	26.2	27.3	104	75-125
SURROGATE: 4-BROMOFLUOROBENZE	28.2	31.0	110	62-139
SURROGATE: DIBROMOFLUOROMETH	27.0	27.9	103	75-125
SURROGATE: TOLUENE-D8 (S)	28.0	28.9	103	75-125

Comments: _____

Primary	SPK
Quant Method :	TALLW.M
Extraction Date :	04/10/14
Analysis Date :	04/10/14
Instrument :	Thor
Run :	0410T03
Initials :	DG

Printed: 04/17/14 3:41:29 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140410W-94846 LCS - 186372

Batch ID: #8260-140410AT

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	10.00	9.71	97.1	73-124
1,1,1-TRICHLOROETHANE	10.00	9.51	95.1	67-125
1,1,2,2-TETRACHLOROETHANE	10.00	9.89	98.9	71-127
1,1,2-TRICHLOROETHANE	10.00	9.92	99.2	74-121
1,1-DICHLOROETHANE	10.00	9.54	95.4	62-132
1,1-DICHLOROETHENE	10.00	9.55	95.5	70-125
1,2-DICHLOROBENZENE	10.00	9.72	97.2	70-129
1,2-DICHLOROPROPANE	10.00	9.62	96.2	77-125
1,3-DICHLOROBENZENE	10.00	9.79	97.9	69-129
1,4-DICHLOROBENZENE	10.00	9.81	98.1	71-126
BROMOBENZENE	10.00	9.70	97.0	65-130
BROMODICHLOROMETHANE	10.00	9.55	95.5	69-124
BROMOFORM	10.00	9.80	98.0	67-125
BROMOMETHANE	10.00	9.58	95.8	71-131
CARBON TETRACHLORIDE	10.00	9.76	97.6	70-122
CHLOROBENZENE	10.00	9.91	99.1	72-125
CHLOROETHANE	10.00	9.35	93.5	78-125
CHLOROFORM	10.00	9.45	94.5	69-122
CHLOROMETHANE	10.00	9.53	95.3	71-124
CIS-1,2-DICHLOROETHENE	10.00	9.33	93.3	72-123
CIS-1,3-DICHLOROPROPENE	10.00	10.0	100	70-125
DIBROMOCHLOROMETHANE	10.00	9.94	99.4	70-125
DIBROMOMETHANE	10.00	9.30	93.0	66-126
DICHLORODIFLUOROMETHANE	10.00	10.9	109	68-131
FREON-113	10.00	10.4	104	74-138
METHYLENE CHLORIDE	10.00	8.86	88.6	78-118
TETRACHLOROETHENE	10.00	9.92	99.2	62-136
TRANS-1,2-DICHLOROETHENE	10.00	9.32	93.2	68-126
TRANS-1,3-DICHLOROPROPENE	10.00	9.87	98.7	62-127
TRICHLOROETHENE	10.00	9.36	93.6	70-128
TRICHLOROFLUOROMETHANE	10.00	9.63	96.3	66-132

Comments:

Primary	SPK
Quant Method :	TALLW.M
Extraction Date :	04/10/14
Analysis Date :	04/10/14
Instrument :	Thor
Run :	0410T03
Initials :	SV

Printed: 04/30/14 11:59:05 AM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140410W-94846 LCS - 186372
 Batch ID: #8260-140410AT

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	10.00	9.35	93.5	79-138
SURROGATE: 1,2-DICHLOROETHANE-	26.2	27.3	104	70-125
SURROGATE: 4-BROMOFLUOROBENZ	28.2	31.0	110	72-133
SURROGATE: DIBROMOFLUOROMETH	27.0	27.9	103	78-125
SURROGATE: TOLUENE-D8 (S)	28.0	28.9	103	73-124

Comments: _____

Primary	SPK
Quant Method :	TALLW.M
Extraction Date :	04/10/14
Analysis Date :	04/10/14
Instrument :	Thor
Run :	0410T03
Initials :	SV

Printed: 04/30/14 11:59:05 AM
 APPL Standard LCS

Method Blank
Gas analysis-soil

Blank Name/QCG: 140421S-94844 - 186125
Batch ID: #GASS-140421A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	GASOLINE	Not detected	1000	340.0	ug/Kg	04/21/14	04/21/14
BLANK	SURROGATE: BFB-FID (S)	109	76-131		%	04/21/14	04/21/14

Quant Method:HGAS.M
Run #:0421H11
Instrument:Harpo
Sequence:131015
Initials:LF

GC SC-Blank-REG MDLs
Printed: 04/22/14 7:27:30 AM

Laboratory Control Spike Recoveries

Gas analysis-soil

APPL ID: 140421S-94844 LCS - 186125
Batch ID: #GASS-140421A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/Kg	SPK Result ug/Kg	DUP Result ug/Kg	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
GASOLINE	15000	14700	14800	98.0	98.7	37-150	0.68	25
SURROGATE: BFB-FID (S)	30.0	32.8	32.8	109	109	76-131		

Comments: _____

<u>Primary</u>	<u>SPK</u>	<u>DUP</u>
Quant Method :	HGAS.M	HGAS.M
Extraction Date :	04/21/14	04/21/14
Analysis Date :	04/21/14	04/21/14
Instrument :	Harpo	Harpo
Run :	0421H09	0421H10
Initials :	LF	

METALS BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date	QC Group
6020	LEAD (PB)	Not detected	0.1	0.02	mg/Kg	04/21/14	04/29/14	#6020S-A140421-AY95081

Laboratory Control Spike Recovery

METALS

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/Kg	SPK Result mg/Kg	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
6020	LEAD (PB)	25.0	21.3	85.2	80-120	04/21/14	04/29/14	#6020S-A140421-AY95081

Comments:



73087 1.0°C
CHAIN OF CUSTODY RECORD
1 of 1
C.O.C. N^o 26970

Phone: (559) 275 2175
Fax: (559) 275-4422

41



908 North Temperance Ave. ▽ Clovis, CA 93611 ▽ Phone 559-275-2175 ▽ Fax 559-275-4422

Certification Number: CA1312 (DW & WW)
NELAP Certification number: CA00046 (HW)

May 2, 2014

URS Corporation
30 River Park Place West, #180
Fresno, California 93720

Attn: Frank Gegunde

Subject: Report of Data: Case 73106

Results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dear Mr. Gegunde:

The sample group for project "18715311.40000 Phase II ESA-655 G St." was received April 10, 2014, in good condition. The VOC analyte list was revised, as requested on April 25, 2014. Written results are being provided on this May 2, 2014, for the requested analyses. All holding times were met.

For the EPA 8270C-SIM analysis, the samples were extracted according to EPA method 3550B.

For the EPA 8260B analysis, the soil samples were purged according to the EPA method 5035, and the water samples were purged according to EPA method 5030B.

For the EPA 8015B TPH-Gas analysis, the samples were prepared according to EPA 5035 and purged according to EPA method 5030B.

For the EPA 6020 analysis, the samples were digested according to EPA method 3050B.

No unusual problem or complication was encountered with this sample set.

If you have any questions or require further information, please contact us at your convenience.
Thank you for choosing APPL, Inc.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. These test results meet all requirements of NELAC. Release of the hard copy has been authorized by the Laboratory Manager or her designee, as verified by the following signature.

Sharon Dehmlow, Laboratory Director
APPL, Inc.

SD/ab
Enclosure
cc: File

Number of pages in this report_____

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-4@70'

Sample Collection Date: 4/10/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73106

APPL ID: AY94939

QCG: #SIMS-140418A-186178

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/18/14	04/22/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/18/14	04/22/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/18/14	04/22/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/18/14	04/22/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/18/14	04/22/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/18/14	04/22/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	56.0	45-105		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	84.5	35-100		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	96.1	30-125		%	04/18/14	04/22/14

Quant Method: SIM.M
Run #: 0422L022
Instrument: Linus
Sequence: L140422
Dilution Factor: 1
Initials: LF

Printed: 4/23/14 9:08:59 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-4@115'

Sample Collection Date: 4/10/14

ARF: 73106

APPL ID: AY94940

QCG: #SIMS-140418A-186178

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/18/14	04/22/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/18/14	04/22/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/18/14	04/22/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/18/14	04/22/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/18/14	04/22/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/18/14	04/22/14
8270C-SIM	SURROGATE: 2-FLUOROBIPHENYL (S)	70.9	45-105		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	87.1	35-100		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	71.9	30-125		%	04/18/14	04/22/14

Quant Method: SIM.M
Run #: 0422L023
Instrument: Linus
Sequence: L140422
Dilution Factor: 1
Initials: LF

Printed: 4/23/14 9:08:59 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-4@70'

Sample Collection Date: 04/10/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73106

APPL ID: AY94939

QCG: #26US-140411AT-186002

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/11/14	04/11/14
EPA 8260B	BENZENE	Not detected	5.0	0.63	ug/Kg	04/11/14	04/11/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/11/14	04/11/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/11/14	04/11/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/11/14	04/11/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/11/14	04/11/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/11/14	04/11/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/11/14	04/11/14
EPA 8260B	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/11/14	04/11/14
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	04/11/14	04/11/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	110	52-149		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	99.9	65-135		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	107	65-135		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	95.4	65-135		%	04/11/14	04/11/14

Quant Method: TALLS.M
Run #: 0411T19
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: DG

Printed: 04/15/14 1:28:45 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-4@70'

Sample Collection Date: 04/10/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73106

APPL ID: AY94939

QCG: #8260S-140411AT-186373

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/11/14	04/11/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/11/14	04/11/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/11/14	04/11/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/11/14	04/11/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/11/14	04/11/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/11/14	04/11/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/11/14	04/11/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/11/14	04/11/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/11/14	04/11/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/11/14	04/11/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/11/14	04/11/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/11/14	04/11/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/11/14	04/11/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/11/14	04/11/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/11/14	04/11/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/11/14	04/11/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/11/14	04/11/14
EPA 8260B	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/11/14	04/11/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/11/14	04/11/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/11/14	04/11/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/11/14	04/11/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/11/14	04/11/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/11/14	04/11/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	110	59-120		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	99.9	82-121		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	107	74-122		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	95.4	71-127		%	04/11/14	04/11/14

Quant Method: TALLS.M
Run #: 0411T19
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: SV

Printed: 04/30/14 12:26:10 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-4@115'

Sample Collection Date: 04/10/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73106

APPL ID: AY94940

QCG: #26US-140411AT-186002

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/11/14	04/11/14
EPA 8260B	BENZENE	Not detected	5.0	0.63	ug/Kg	04/11/14	04/11/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/11/14	04/11/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/11/14	04/11/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/11/14	04/11/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/11/14	04/11/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/11/14	04/11/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/11/14	04/11/14
EPA 8260B	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/11/14	04/11/14
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	04/11/14	04/11/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	108	52-149		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	101	65-135		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	106	65-135		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	96.7	65-135		%	04/11/14	04/11/14

Quant Method: TALLS.M
Run #: 0411T20
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: DG

Printed: 04/15/14 1:28:45 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-4@115'

Sample Collection Date: 04/10/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73106

APPL ID: AY94940

QCG: #8260S-140411AT-186373

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/11/14	04/11/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/11/14	04/11/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/11/14	04/11/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/11/14	04/11/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/11/14	04/11/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/11/14	04/11/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/11/14	04/11/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/11/14	04/11/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/11/14	04/11/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/11/14	04/11/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/11/14	04/11/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/11/14	04/11/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/11/14	04/11/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/11/14	04/11/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/11/14	04/11/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/11/14	04/11/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/11/14	04/11/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/11/14	04/11/14
EPA 8260B	TETRACHLOROETHENE	14	5.0	0.54	ug/Kg	04/11/14	04/11/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/11/14	04/11/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/11/14	04/11/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/11/14	04/11/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/11/14	04/11/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/11/14	04/11/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	108	59-120		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	101	82-121		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	106	74-122		%	04/11/14	04/11/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	96.7	71-127		%	04/11/14	04/11/14

Quant Method: TALLS.M
Run #: 0411T20
Instrument: Thor
Sequence: T140408
Dilution Factor: 1
Initials: SV

Printed: 04/30/14 12:26:11 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: TRIP BLANK

Sample Collection Date: 04/10/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73106

APPL ID: AY94941

QCG: #26UW-140414AL-185992

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/14/14	04/14/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/14/14	04/14/14
EPA 8260B	BENZENE	Not detected	0.4	0.16	ug/L	04/14/14	04/14/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/14/14	04/14/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/14/14	04/14/14
EPA 8260B	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/14/14	04/14/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/14/14	04/14/14
EPA 8260B	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/14/14	04/14/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/14/14	04/14/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/14/14	04/14/14
EPA 8260B	TOLUENE	Not detected	1.1	0.17	ug/L	04/14/14	04/14/14
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	04/14/14	04/14/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	114	75-125		%	04/14/14	04/14/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	101	62-139		%	04/14/14	04/14/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	105	75-125		%	04/14/14	04/14/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	104	75-125		%	04/14/14	04/14/14

Quant Method: LALLW.M
Run #: 0414L09
Instrument: Loki
Sequence: 140409
Dilution Factor: 1
Initials: SV

Printed: 05/02/14 12:14:05 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: TRIP BLANK

Sample Collection Date: 04/10/14

ARF: 73106

APPL ID: AY94941

QCG: #8260-140414AL-186387

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/14/14	04/14/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/14/14	04/14/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/14/14	04/14/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/14/14	04/14/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/14/14	04/14/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/14/14	04/14/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/14/14	04/14/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/14/14	04/14/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/14/14	04/14/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/14/14	04/14/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/14/14	04/14/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/14/14	04/14/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/14/14	04/14/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/14/14	04/14/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/14/14	04/14/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/14/14	04/14/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/14/14	04/14/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/14/14	04/14/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/14/14	04/14/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/14/14	04/14/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/14/14	04/14/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/14/14	04/14/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/14/14	04/14/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/14/14	04/14/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/14/14	04/14/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/14/14	04/14/14
EPA 8260B	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/14/14	04/14/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/14/14	04/14/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/14/14	04/14/14
EPA 8260B	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/14/14	04/14/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/14/14	04/14/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/14/14	04/14/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	114	70-125		%	04/14/14	04/14/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	101	72-133		%	04/14/14	04/14/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	105	78-125		%	04/14/14	04/14/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	104	73-124		%	04/14/14	04/14/14

Quant Method: LALLW.M
Run #: 0414L09
Instrument: Loki
Sequence: 140409
Dilution Factor: 1
Initials: SV

Printed: 04/30/14 12:26:11 PM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-4@70'

Sample Collection Date: 04/10/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73106

APPL ID: AY94939

QCG: #GASS-140421A-186125

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	04/21/14	04/21/14
EPA 8015	SURROGATE: BFB-FID (S)	102	76-131		%	04/21/14	04/21/14

Quant Method: HGAS.M
Run #: 0421H13
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 04/22/14 7:34:01 AM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

ARF: 73106

Sample ID: SB-4@115'

APPL ID: AY94940

Sample Collection Date: 04/10/14

QCG: #GASS-140421A-186125

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	04/21/14	04/21/14
EPA 8015	SURROGATE: BFB-FID (S)	102	76-131		%	04/21/14	04/21/14

Quant Method: HGAS.M
Run #: 0421H14
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 04/22/14 7:34:01 AM
APPL-F1-SC-NoMC-REG MDLs

Metals Results

ARF: 73106

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Method	Analyte	Result	RL	MDL	Units	DF	Prep Date	Analysis Date
APPL ID: AY94939		-Client Sample ID: SB-4@70'		-Sample Collection Date: 04/10/14		Project: Phase II ESA - 655 G St		
6020	LEAD (PB)	1.8	0.5	0.10	mg/Kg	5	04/21/14	04/29/14
APPL ID: AY94940		-Client Sample ID: SB-4@115'		-Sample Collection Date: 04/10/14		Project: Phase II ESA - 655 G St		
6020	LEAD (PB)	1.1	0.5	0.10	mg/Kg	5	04/21/14	04/29/14

Printed: 05/02/14 12:02:14 PM

APPL-F1-SC-NoMC-REG MDLs

Method Blank

EPA 8270C - SOLID

Blank Name/QCG: **140418S-94765 - 186178**
 Batch ID: #SIMS-140418A

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	4/18/14	4/22/14
BLANK	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	4/18/14	4/22/14
BLANK	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	4/18/14	4/22/14
BLANK	ANTHRACENE	Not detected	5.0	0.83	ug/kg	4/18/14	4/22/14
BLANK	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	4/18/14	4/22/14
BLANK	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	4/18/14	4/22/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	4/18/14	4/22/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	4/18/14	4/22/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	4/18/14	4/22/14
BLANK	CHRYSENE	Not detected	5.0	0.85	ug/kg	4/18/14	4/22/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	4/18/14	4/22/14
BLANK	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	4/18/14	4/22/14
BLANK	FLUORENE	Not detected	5.0	1.00	ug/kg	4/18/14	4/22/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	4/18/14	4/22/14
BLANK	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	4/18/14	4/22/14
BLANK	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	4/18/14	4/22/14
BLANK	PYRENE	Not detected	5.0	1.24	ug/kg	4/18/14	4/22/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	83.5	45-105		%	4/18/14	4/22/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	63.0	35-100		%	4/18/14	4/22/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	99.4	30-125		%	4/18/14	4/22/14

Quant Method: SIM.M
 Run #: 0422L012
 Instrument: Linus
 Sequence: L140422
 Initials: LF

GC SC-Blank-REG MDLs
 Printed: 4/23/14 9:08:49 AM

Laboratory Control Spike Recovery

EPA 8270C - SOLID

APPL ID: 140418S-94765 LCS - 186178
Batch ID: #SIMS-140418A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
2-METHYLNAPHTHALENE	133	122	91.7	45-105
ACENAPHTHENE	133	129	97.0	45-110
ACENAPHTHYLENE	133	126	94.7	45-105
ANTHRACENE	133	133	100	55-105
BENZ(A)ANTHRACENE	133	128	96.2	50-110
BENZO(A)PYRENE	133	130	97.7	50-110
BENZO(B)FLUORANTHENE	133	113	85.0	45-115
BENZO(G,H,I)PERYLENE	133	128	96.2	40-125
BENZO(K)FLUORANTHENE	133	132	99.2	45-125
CHRYSENE	133	131	98.5	55-110
DIBENZ(A,H)ANTHRACENE	133	118	88.7	40-125
FLUORANTHENE	133	142	107	55-115
FLUORENE	133	132	99.2	50-110
INDENO(1,2,3-CD)PYRENE	133	112	84.2	40-120
NAPHTHALENE	133	89.7	67.4	40-105
PHENANTHRENE	133	137	103	50-110
PYRENE	133	131	98.5	45-125
SURROGATE: 2-FLUOROBIPHENYL (S)	66.7	53.0	79.5	45-105
SURROGATE: NITROBENZENE-D5 (S)	66.7	42.3	63.4	35-100
SURROGATE: TERPHENYL-D14 (S)	66.7	63.0	94.5	30-125

Comments: _____

Primary	SPK
Quant Method :	SIM.M
Extraction Date :	4/18/14
Analysis Date :	4/22/14
Instrument :	Linus
Run :	0422L013
Initials :	LF

Printed: 4/23/14 9:08:51 AM
APPL Standard LCS

Method Blank **EPA 8260B BTEX Oxy S - UST**

Blank Name/QCG: 140411S-94939 - 186002
 Batch ID: #26US-140411AT

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/11/14	04/11/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/11/14	04/11/14
BLANK	BENZENE	Not detected	5.0	0.63	ug/Kg	04/11/14	04/11/14
BLANK	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/11/14	04/11/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/11/14	04/11/14
BLANK	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/11/14	04/11/14
BLANK	MTBE	Not detected	5.0	1.50	ug/Kg	04/11/14	04/11/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/11/14	04/11/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/11/14	04/11/14
BLANK	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/11/14	04/11/14
BLANK	XYLENES	Not detected	5.0	0.68	ug/Kg	04/11/14	04/11/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	103	52-149		%	04/11/14	04/11/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	101	65-135		%	04/11/14	04/11/14
BLANK	SURROGATE: DIBROMOFLUOROME	102	65-135		%	04/11/14	04/11/14
BLANK	SURROGATE: TOLUENE-D8 (S)	95.6	65-135		%	04/11/14	04/11/14

Quant Method: TALLS.M
 Run #: 0411T12
 Instrument: Thor
 Sequence: T140408
 Initials: DG

GC SC-Blank-REG MDLs
 Printed: 04/15/14 1:28:49 PM

Method Blank

EPA 8260B SOIL

Blank Name/QCG: 140411S-94844 - 186373

Batch ID: #8260S-140411AT

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/11/14	04/11/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/11/14	04/11/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/11/14	04/11/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/11/14	04/11/14
BLANK	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/11/14	04/11/14
BLANK	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/11/14	04/11/14
BLANK	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/11/14	04/11/14
BLANK	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/11/14	04/11/14
BLANK	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/11/14	04/11/14
BLANK	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/11/14	04/11/14
BLANK	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/11/14	04/11/14
BLANK	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/11/14	04/11/14
BLANK	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/11/14	04/11/14
BLANK	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/11/14	04/11/14
BLANK	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/11/14	04/11/14
BLANK	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/11/14	04/11/14
BLANK	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/11/14	04/11/14
BLANK	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/11/14	04/11/14
BLANK	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/11/14	04/11/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/11/14	04/11/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/11/14	04/11/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/11/14	04/11/14
BLANK	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/11/14	04/11/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/11/14	04/11/14
BLANK	FREON 113	Not detected	10.0	0.83	ug/Kg	04/11/14	04/11/14
BLANK	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/11/14	04/11/14
BLANK	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/11/14	04/11/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/11/14	04/11/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/11/14	04/11/14
BLANK	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/11/14	04/11/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/11/14	04/11/14
BLANK	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/11/14	04/11/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	103	59-120		%	04/11/14	04/11/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	101	82-121		%	04/11/14	04/11/14

Quant Method: TALLS.M
Run #: 0411T12
Instrument: Thor
Sequence: T140408
Initials: SV

GC SC-Blank-REG MDLs

Printed: 04/30/14 12:26:01 PM

Method Blank
EPA 8260B SOIL

Blank Name/QCG: **140411S-94844 - 186373**
Batch ID: #8260S-140411AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	102	74-122		%	04/11/14	04/11/14
BLANK	SURROGATE: TOLUENE-D8 (S)	95.6	71-127		%	04/11/14	04/11/14

Quant Method: TALLS.M
Run #: 0411T12
Instrument: Thor
Sequence: T140408
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 12:26:01 PM

Method Blank **EPA 8260B BTEX Oxy W - UST**

Blank Name/QCG: 140414W-94941 - 185992

Batch ID: #26UW-140414AL

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/14/14	04/14/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/14/14	04/14/14
BLANK	BENZENE	Not detected	0.4	0.16	ug/L	04/14/14	04/14/14
BLANK	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/14/14	04/14/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/14/14	04/14/14
BLANK	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/14/14	04/14/14
BLANK	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/14/14	04/14/14
BLANK	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/14/14	04/14/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/14/14	04/14/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/14/14	04/14/14
BLANK	TOLUENE	Not detected	1.1	0.17	ug/L	04/14/14	04/14/14
BLANK	XYLENES	Not detected	0.5	0.19	ug/L	04/14/14	04/14/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	112	75-125		%	04/14/14	04/14/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	101	62-139		%	04/14/14	04/14/14
BLANK	SURROGATE: DIBROMOFLUOROME	103	75-125		%	04/14/14	04/14/14
BLANK	SURROGATE: TOLUENE-D8 (S)	104	75-125		%	04/14/14	04/14/14

Quant Method: LALLW.M
Run #: 0414L08
Instrument: Loki
Sequence: 140409
Initials: SV

GC SC-Blank-REG MDLs
Printed: 05/02/14 12:14:08 PM

Method Blank

EPA 8260B

Blank Name/QCG: 140414W-94941 - 186387
Batch ID: #8260-140414AL

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/14/14	04/14/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/14/14	04/14/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/14/14	04/14/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/14/14	04/14/14
BLANK	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/14/14	04/14/14
BLANK	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/14/14	04/14/14
BLANK	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/14/14	04/14/14
BLANK	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/14/14	04/14/14
BLANK	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/14/14	04/14/14
BLANK	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/14/14	04/14/14
BLANK	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/14/14	04/14/14
BLANK	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/14/14	04/14/14
BLANK	BROMOFORM	Not detected	0.5	0.14	ug/L	04/14/14	04/14/14
BLANK	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/14/14	04/14/14
BLANK	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/14/14	04/14/14
BLANK	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/14/14	04/14/14
BLANK	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/14/14	04/14/14
BLANK	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/14/14	04/14/14
BLANK	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/14/14	04/14/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/14/14	04/14/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/14/14	04/14/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/14/14	04/14/14
BLANK	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/14/14	04/14/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/14/14	04/14/14
BLANK	FREON-113	Not detected	0.5	0.21	ug/L	04/14/14	04/14/14
BLANK	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/14/14	04/14/14
BLANK	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/14/14	04/14/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/14/14	04/14/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/14/14	04/14/14
BLANK	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/14/14	04/14/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/14/14	04/14/14
BLANK	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/14/14	04/14/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	112	70-125		%	04/14/14	04/14/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	101	72-133		%	04/14/14	04/14/14

Quant Method: LALLW.M
Run #: 0414L08
Instrument: Loki
Sequence: 140409
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 12:26:01 PM

Method Blank
EPA 8260B

Blank Name/QCG: **140414W-94941 - 186387**
Batch ID: **#8260-140414AL**

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	103	78-125		%	04/14/14	04/14/14
BLANK	SURROGATE: TOLUENE-D8 (S)	104	73-124		%	04/14/14	04/14/14

Quant Method: LALLW.M
Run #: 0414L08
Instrument: Loki
Sequence: 140409
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 12:26:02 PM

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy S - UST

APPL ID: 140411S-94939 LCS - 186002

Batch ID: #26US-140411AT

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	50.0	51.8	104	75-123
1,2-ETHYLENE DIBROMIDE	50.0	54.9	110	85-123
BENZENE	50.0	55.7	111	81-123
DI-ISOPROPYL ETHER	50.0	53.6	107	94-114
ETHYL-TERT-BUTYL ETHER	50.0	52.4	105	90-126
ETHYLBENZENE	50.0	59.5	119	78-127
MTBE	50.0	52.5	105	65-135
TERT-AMYL METHYL ETHER	50.0	53.4	107	50-150
TERT-BUTYL ALCOHOL	250	209	83.6	65-135
TOLUENE	50.0	56.9	114	82-125
XYLENES	150	181	121	76-134
SURROGATE: 1,2-DICHLOROETHANE-D	56.1	56.0	99.8	52-149
SURROGATE: 4-BROMOFLUOROBENZE	61.6	69.6	113	65-135
SURROGATE: DIBROMOFLUOROMETH	64.3	66.0	103	65-135
SURROGATE: TOLUENE-D8 (S)	72.3	74.1	103	65-135

Comments: _____

Primary	SPK
Quant Method :	TALLS.M
Extraction Date :	04/11/14
Analysis Date :	04/11/14
Instrument :	Thor
Run :	0411T08
Initials :	DG

Printed: 04/15/14 1:28:41 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B SOIL

APPL ID: 140411S-94844 LCS - 186373

Batch ID: #8260S-140411AT

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	50.0	58.6	117	62-125
1,1,1-TRICHLOROETHANE	50.0	55.8	112	65-135
1,1,2,2-TETRACHLOROETHANE	50.0	48.0	96.0	64-135
1,1,2-TRICHLOROETHANE	50.0	54.1	108	65-135
1,1-DICHLOROETHANE	50.0	54.2	108	62-135
1,1-DICHLOROETHENE	50.0	52.7	105	65-135
1,2-DICHLOROBENZENE	50.0	50.6	101	65-125
1,2-DICHLOROPROPANE	50.0	54.6	109	65-125
1,3-DICHLOROBENZENE	50.0	53.9	108	65-135
1,4-DICHLOROBENZENE	50.0	52.5	105	65-135
BROMOBENZENE	50.0	54.4	109	55-130
BROMODICHLOROMETHANE	50.0	55.2	110	60-135
BROMOFORM	50.0	56.1	112	45-150
BROMOMETHANE	50.0	48.9	97.8	10-180
CARBON TETRACHLORIDE	50.0	56.5	113	55-145
CHLOROBENZENE	50.0	57.6	115	65-130
CHLOROETHANE	50.0	53.0	106	20-175
CHLOROFORM	50.0	56.4	113	65-135
CHLOROMETHANE	50.0	41.6	83.2	40-140
CIS-1,2-DICHLOROETHENE	50.0	53.3	107	55-135
CIS-1,3-DICHLOROPROPENE	50.0	56.5	113	65-135
DIBROMOCHLOROMETHANE	50.0	58.3	117	63-135
DIBROMOMETHANE	50.0	52.9	106	65-135
DICHLORODIFLUOROMETHANE	50.0	47.0	94.0	15-155
FREON 113	50.0	49.5	99.0	71-135
METHYLENE CHLORIDE	50.0	52.3	105	40-155
TETRACHLOROETHENE	50.0	58.6	117	55-150
TRANS-1,2-DICHLOROETHENE	50.0	53.8	108	55-145
TRANS-1,3-DICHLOROPROPENE	50.0	56.1	112	55-140
TRICHLOROETHENE	50.0	53.9	108	70-130
TRICHLOROFLUOROMETHANE	50.0	48.1	96.2	10-215

Comments: _____

Primary	SPK
Quant Method :	TALLS.M
Extraction Date :	04/11/14
Analysis Date :	04/11/14
Instrument :	Thor
Run :	0411T08
Initials :	SV

Printed: 04/30/14 12:26:05 PM

APPL Standard LCS

Laboratory Control Spike Recovery
EPA 8260B SOIL

APPL ID: 140411S-94844 LCS - 186373

Batch ID: #8260S-140411AT

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	50.0	47.3	94.6	45-140
SURROGATE: 1,2-DICHLOROETHANE-	56.1	56.0	99.8	59-120
SURROGATE: 4-BROMOFLUOROBENZ	61.6	69.6	113	82-121
SURROGATE: DIBROMOFLUOROMETH	64.3	66.0	103	74-122
SURROGATE: TOLUENE-D8 (S)	72.3	74.1	103	71-127

Comments:

<u>Primary</u>	<u>SPK</u>
Quant Method :	TALLS.M
Extraction Date :	04/11/14
Analysis Date :	04/11/14
Instrument :	Thor
Run :	0411T08
Initials :	SV

Printed: 04/30/14 12:26:05 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy W - UST

APPL ID: 140414W-94941 LCS - 185992
Batch ID: #26UW-140414AL

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	10.00	9.80	98.0	68-127
1,2-ETHYLENE DIBROMIDE	10.00	9.82	98.2	70-130
BENZENE	10.00	9.11	91.1	75-125
DI-ISOPROPYL ETHER	10.00	9.40	94.0	70-130
ETHYL-TERT-BUTYL ETHER	10.00	9.22	92.2	70-130
ETHYLBENZENE	10.00	9.44	94.4	75-125
METHYL TERT-BUTYL ETHER	10.00	9.42	94.2	70-130
NAPHTHALENE	10.00	9.12	91.2	55-140
TERT-AMYL METHYL ETHER	10.00	9.60	96.0	70-130
TERT-BUTYL ALCOHOL	125	132	106	49-167
TOLUENE	10.00	9.39	93.9	74-125
XYLENES	30.0	28.0	93.3	70-130
SURROGATE: 1,2-DICHLOROETHANE-D	21.6	23.6	109	75-125
SURROGATE: 4-BROMOFLUOROBENZE	23.2	25.4	109	62-139
SURROGATE: DIBROMOFLUOROMETH	23.1	23.1	100	75-125
SURROGATE: TOLUENE-D8 (S)	23.7	24.9	105	75-125

Comments: _____

Primary	SPK
Quant Method :	LALLW.M
Extraction Date :	04/14/14
Analysis Date :	04/14/14
Instrument :	Loki
Run :	0414L03
Initials :	SV

Printed: 05/02/14 12:14:02 PM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140414W-94941 LCS - 186387

Batch ID: #8260-140414AL

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	10.00	9.48	94.8	73-124
1,1,1-TRICHLOROETHANE	10.00	9.24	92.4	67-125
1,1,2,2-TETRACHLOROETHANE	10.00	9.74	97.4	71-127
1,1,2-TRICHLOROETHANE	10.00	9.88	98.8	74-121
1,1-DICHLOROETHANE	10.00	9.27	92.7	62-132
1,1-DICHLOROETHENE	10.00	8.69	86.9	70-125
1,2-DICHLOROBENZENE	10.00	8.92	89.2	70-129
1,2-DICHLOROPROPANE	10.00	9.28	92.8	77-125
1,3-DICHLOROBENZENE	10.00	9.49	94.9	69-129
1,4-DICHLOROBENZENE	10.00	9.27	92.7	71-126
BROMOBENZENE	10.00	9.35	93.5	65-130
BROMODICHLOROMETHANE	10.00	9.53	95.3	69-124
BROMOFORM	10.00	10.4	104	67-125
BROMOMETHANE	10.00	10.6	106	71-131
CARBON TETRACHLORIDE	10.00	9.39	93.9	70-122
CHLOROBENZENE	10.00	9.27	92.7	72-125
CHLOROETHANE	10.00	9.34	93.4	78-125
CHLOROFORM	10.00	9.30	93.0	69-122
CHLOROMETHANE	10.00	8.62	86.2	71-124
CIS-1,2-DICHLOROETHENE	10.00	9.13	91.3	72-123
CIS-1,3-DICHLOROPROPENE	10.00	9.53	95.3	70-125
DIBROMOCHLOROMETHANE	10.00	9.74	97.4	70-125
DIBROMOMETHANE	10.00	9.08	90.8	66-126
DICHLORODIFLUOROMETHANE	10.00	8.60	86.0	68-131
FREON-113	10.00	9.15	91.5	74-138
METHYLENE CHLORIDE	10.00	8.41	84.1	78-118
TETRACHLOROETHENE	10.00	9.46	94.6	62-136
TRANS-1,2-DICHLOROETHENE	10.00	8.67	86.7	68-126
TRANS-1,3-DICHLOROPROPENE	10.00	9.51	95.1	62-127
TRICHLOROETHENE	10.00	9.11	91.1	70-128
TRICHLOROFLUOROMETHANE	10.00	9.36	93.6	66-132

Comments: _____

Primary	SPK
Quant Method :	LALLW.M
Extraction Date :	04/14/14
Analysis Date :	04/14/14
Instrument :	Loki
Run :	0414L03
Initials :	SV

Printed: 04/30/14 12:26:05 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140414W-94941 LCS - 186387
 Batch ID: #8260-140414AL

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	10.00	8.87	88.7	79-138
SURROGATE: 1,2-DICHLOROETHANE-	21.6	23.6	109	70-125
SURROGATE: 4-BROMOFLUOROBENZ	23.2	25.4	109	72-133
SURROGATE: DIBROMOFLUOROMETH	23.1	23.1	100	78-125
SURROGATE: TOLUENE-D8 (S)	23.7	24.9	105	73-124

Comments: _____

Primary	SPK
Quant Method :	LALLW.M
Extraction Date :	04/14/14
Analysis Date :	04/14/14
Instrument :	Loki
Run :	0414L03
Initials :	SV

Printed: 04/30/14 12:26:05 PM
 APPL Standard LCS

Method Blank
Gas analysis-soil

Blank Name/QCG: **140421S-94844 - 186125**
Batch ID: #GASS-140421A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	GASOLINE	Not detected	1000	340.0	ug/Kg	04/21/14	04/21/14
BLANK	SURROGATE: BFB-FID (S)	109	76-131		%	04/21/14	04/21/14

Quant Method: HGAS.M
Run #: 0421H11
Instrument: Harpo
Sequence: 131015
Initials: LF

GC SC-Blank-REG MDLs
Printed: 04/22/14 7:27:33 AM

Laboratory Control Spike Recoveries

Gas analysis-soil

APPL ID: 140421S-94844 LCS - 186125
Batch ID: #GASS-140421A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Lvl ug/Kg	SPK Result ug/Kg	DUP Result ug/Kg	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
GASOLINE	15000	14700	14800	98.0	98.7	37-150	0.68	25
SURROGATE: BFB-FID (S)	30.0	32.8	32.8	109	109	76-131		

Comments: _____

Primary	SPK	DUP
Quant Method :	HGAS.M	HGAS.M
Extraction Date :	04/21/14	04/21/14
Analysis Date :	04/21/14	04/21/14
Instrument :	Harpo	Harpo
Run :	0421H09	0421H10
Initials :	LF	

METALS BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date	QC Group
6020	LEAD (PB)	0.037 J	0.1	0.02	mg/Kg	04/21/14	04/29/14	#6020S-AA140421-AY94939

J = Estimated value.

Metals SC-Blank-REG MDLs
Printed: 05/01/14 10:12:59 AM

Laboratory Control Spike Recovery

METALS

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/Kg	SPK Result mg/Kg	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
6020	LEAD (PB)	25.0	21.9	87.6	80-120	04/21/14	04/29/14	#6020S-AA140421-AY94939

Comments: _____



APPL, Inc.
908 N Temperance Ave
Clovis, CA 93611

Phone: (559) 275-2175
Fax: (559) 275-4422
C.O.C. 37417

CHAIN OF CUSTODY RECORD

Phone: (559) 275-2175
Fax: (559) 275-4422

Report to: PLEASE PRINT

Company Name: URS Corp

Phone: 559 256 1469

Address: 30 Riverbank Place West #180

Attn: Frank Geyende

Fax:

Invoice to:

Company Name:

Address:

Attn:

PLEASE PRINT

Same

Phone:

Fax:

Project Name/Number

Phase II ESA - LSS 6 St.

Purchase Order Number

18715311-40000

Sample Identification

SB-4A70'

SB-4C115'

Top Black

Sampler (Print)

T. Pender

Sampler (Signature)

[Signature]

Location

Date Collected

Time Collected

Time Zone

No. of Containers

Matrix

Aq

So

Sl

Analysis Requested/Method Number

Date Shipped:

Carrier:

Waybill No.:

Comments:

Full 8200

Shuttle Temperature:

Relinquished by sampler:

Relinquished by:

Turnaround requested: Check one

Standard 2-3 weeks

One week

24/48 hrs

Other

Received by:

Received by:

Date

Time

Date

Time

Sample Disposal

Return to client

Disposal by Lab (30-day retention)

Relinquished by:

Relinquished by:

Date

Time

Date

Time

Date

Time

Date

Time

White: Return to client with report

Yellow: Laboratory Copy

Pink: Sampler

See reverse side for Container Preservative and Sampling Information



908 N Temperance Ave
Clovis, CA 93611

See reverse side for Container Preservation and Sampling Information



908 North Temperance Ave. ▽ Clovis, CA 93611 ▽ Phone 559-275-2175 ▽ Fax 559-275-4422

Certification Number: CA1312 (DW & WW)
NELAP Certification number: CA00046 (HW)

May 2, 2014

URS Corporation
30 River Park Place West, #180
Fresno, California 93720

Attn: Frank Gegunde

Subject: Report of Data: Case 73131

Results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dear Mr. Gegunde:

The sample group for project "18715311.40000 Phase II ESA-655 G St." was received April 11, 2014, in good condition. The VOC analyte list was revised and TPH-Diesel and Motor Oil analysis was added, as requested on April 25, 2014. Written results are being provided on this May 2, 2014, for the requested analyses. All holding times were met.

For the EPA 8015B TPH-Diesel and Motor Oil analysis, the sample was extracted according to EPA method 3550B. The surrogate Ortho-Terphenyl recovered high in the lab control spike. All other surrogate recoveries were acceptable.

For the EPA 8270C-SIM analysis, the sample was extracted according to EPA method 3550B. Sample SB-2@35' recovered the surrogate Nitrobenzene-d5 above the 100% upper control limit at 399%. The high surrogate recovery may be attributed to the sample matrix.

For the EPA 8260B analysis, the soil sample was purged according to the EPA method 5035, and the water samples were purged according to EPA method 5030B.

For the EPA 8015B TPH-Gas analysis, the sample was prepared according to EPA 5035 and purged according to EPA method 5030B.

For the EPA 6020 analysis, the sample was digested according to EPA method 3051.

No other unusual problem or complication was encountered with this sample set.

If you have any questions or require further information, please contact us at your convenience. Thank you for choosing APPL, Inc.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. These test results meet all requirements of NELAC. Release of the hard copy has been authorized by the Laboratory Manager or her designee, as verified by the following signature.

A handwritten signature in black ink, appearing to read 'S. Dehmlow', with a long horizontal flourish extending to the right.

Sharon Dehmlow, Laboratory Director
APPL, Inc.

SD/ab
Enclosure
cc: File

Number of pages in this report_____

TPH Diesel Soil EPA 8015B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-2@35

Sample Collection Date: 4/11/2014

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73131

APPL ID: AY95081

QCG: #TPHDS-140425A-186464

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	1000000 E	1000	646.0	ug/kg	04/25/14	04/30/14
EPA 8015B-	MOTOR OIL	24000	10000	3510.0	ug/kg	04/25/14	04/30/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	124	47-140		%	04/25/14	04/30/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	119	58-128		%	04/25/14	04/30/14

E = The reported value exceeds linear range.

Quant Method: TPH14S30.M
Run #: 430018
Instrument: Apollo
Sequence: 140430
Dilution Factor: 1
Initials: LA

Printed: 5/2/2014 11:46:08 AM
APPL-F1-SC-NoMC-REG MDLs

TPH Diesel Soil EPA 8015B - Dilution

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-2@35

Sample Collection Date: 4/11/2014

ARF: 73131

APPL ID: AY95081

QCG: #TPHDS-140425A-186464

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	1000000 ++	20000	12920.0	ug/kg	04/25/14	05/01/14

++(T2M) The analyst has noted that the chromatogram of this sample is mainly lower boiling hydrocarbons.

Quant Method: TPH14S30.M
Run #: 430061
Instrument: Apollo
Sequence: 140430
Dilution Factor: 20
Initials: LA

Printed: 5/2/2014 11:46:08 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

ARF: 73131

Sample ID: **SB-2@35**

APPL ID: **AY95081**

Sample Collection Date: 4/11/14

QCG: #SIMS-140418A-186178

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	15000 E	5.0	0.94	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHENE	78	5.0	0.97	ug/kg	04/18/14	04/22/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	ANTHRACENE	30	5.0	0.83	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZ(A)ANTHRACENE	16	5.0	0.91	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(A)PYRENE	4.0 J	5.0	0.93	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(B)FLUORANTHENE	7.5	5.0	1.11	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(G,H,I)PERYLENE	7.5	5.0	1.34	ug/kg	04/18/14	04/22/14
8270C-SIM	BENZO(K)FLUORANTHENE	5.3	5.0	1.04	ug/kg	04/18/14	04/22/14
8270C-SIM	CHRYSENE	10	5.0	0.85	ug/kg	04/18/14	04/22/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORANTHENE	29	5.0	1.20	ug/kg	04/18/14	04/22/14
8270C-SIM	FLUORENE	79	5.0	1.00	ug/kg	04/18/14	04/22/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	1.9 J	5.0	0.90	ug/kg	04/18/14	04/22/14
8270C-SIM	NAPHTHALENE	11000 E	5.0	0.89	ug/kg	04/18/14	04/22/14
8270C-SIM	PHENANTHRENE	130	5.0	1.10	ug/kg	04/18/14	04/22/14
8270C-SIM	PYRENE	49	5.0	1.24	ug/kg	04/18/14	04/22/14
8270C-SIM	SURROGATE: 2-FLUOROBIPHENYL (S)	95.5	45-105		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	399 #	35-100		%	04/18/14	04/22/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	93.2	30-125		%	04/18/14	04/22/14

J = Estimated value.

E = The reported value exceeds linear range.

= Recovery (or RPD) is outside QC limits.

Quant Method: SIM.M
Run #: 0422L024
Instrument: Linus
Sequence: L140422
Dilution Factor: 1
Initials: LF

Printed: 4/23/14 9:08:59 AM

APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID - Dilution

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-2@35

Sample Collection Date: 4/11/14

ARF: 73131

APPL ID: AY95081

QCG: #SIMS-140418A-186178

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	21000	100.0	18.80	ug/kg	04/18/14	04/23/14
8270C-SIM	NAPHTHALENE	15000	100.0	17.80	ug/kg	04/18/14	04/23/14

Quant Method: SIM.M
Run #: 0422L047
Instrument: Linus
Sequence: L140422
Dilution Factor: 20
Initials: LF

Printed: 4/23/14 9:08:59 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX OXY W - UST MEOH

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: **SB-2@35**

Sample Collection Date: 04/11/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73131

APPL ID: **AY95081**

QCG: #26USM-140415AM-186021

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B-	1,2-DICHLOROETHANE	Not detected	120.0	28.00	ug/Kg	04/15/14	04/15/14
EPA 8260B-	1,2-ETHYLENE DIBROMIDE	Not detected	120.0	40.00	ug/Kg	04/15/14	04/15/14
EPA 8260B-	BENZENE	Not detected	80.0	32.00	ug/Kg	04/15/14	04/15/14
EPA 8260B-	DI-ISOPROPYL ETHER	Not detected	100.0	32.00	ug/Kg	04/15/14	04/15/14
EPA 8260B-	ETHYL-TERT-BUTYL ETHER	Not detected	100.0	38.00	ug/Kg	04/15/14	04/15/14
EPA 8260B-	ETHYLBENZENE	1700	120.0	46.00	ug/Kg	04/15/14	04/15/14
EPA 8260B-	METHYL TERT-BUTYL ETHER	Not detected	100.0	38.00	ug/Kg	04/15/14	04/15/14
EPA 8260B-	TERT-AMYL METHYL ETHER	Not detected	100.0	28.00	ug/Kg	04/15/14	04/15/14
EPA 8260B-	TERT-BUTYL ALCOHOL	Not detected	20000.0	2000.00	ug/Kg	04/15/14	04/15/14
EPA 8260B-	TOLUENE	230	220.0	34.00	ug/Kg	04/15/14	04/15/14
EPA 8260B-	XYLENES	60000	100.0	38.00	ug/Kg	04/15/14	04/15/14
EPA 8260B-	SURROGATE: 1,2-DICHLOROETHAN	107	75-125		%	04/15/14	04/15/14
EPA 8260B-	SURROGATE: 4-BROMOFLUOROBEN	125	62-139		%	04/15/14	04/15/14
EPA 8260B-	SURROGATE: DIBROMOFLUOROME	108	75-125		%	04/15/14	04/15/14
EPA 8260B-	SURROGATE: TOLUENE-D8 (S)	98.0	75-125		%	04/15/14	04/15/14

Quant Method: MALLW.M
Run #: 0415M19
Instrument: MAX
Sequence: M140414
Dilution Factor: 200
Initials: DG

Printed: 04/17/14 1:55:06 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B MEOH

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-2@35

Sample Collection Date: 04/11/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73131

APPL ID: AY95081

QCG: #8260S-140415AM-186393

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	84.0	26.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	84.0	28.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	84.0	54.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	84.0	40.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	168.0	38.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	84.0	60.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	84.0	34.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	84.0	34.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	84.0	22.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	84.0	38.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	BROMOBENZENE	Not detected	84.0	32.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	84.0	28.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	BROMOFORM	Not detected	84.0	28.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	BROMOMETHANE	Not detected	168.0	48.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	84.0	20.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	CHLOROBENZENE	Not detected	84.0	42.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	CHLOROETHANE	Not detected	84.0	42.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	CHLOROFORM	Not detected	84.0	32.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	CHLOROMETHANE	Not detected	84.0	62.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	84.0	32.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	84.0	30.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	84.0	38.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	DIBROMOMETHANE	Not detected	84.0	40.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	168.0	38.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	FREON-113	Not detected	84.0	42.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	840.0	70.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	TETRACHLOROETHENE	Not detected	84.0	30.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	84.0	38.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	84.0	36.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	TRICHLOROETHENE	Not detected	84.0	32.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	84.0	48.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	VINYL CHLORIDE	Not detected	84.0	46.00	ug/Kg	04/15/14	04/15/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	107	70-125		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	125	72-133		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	108	78-125		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	98.0	73-124		%	04/15/14	04/15/14

Quant Method: MALLW.M
Run #: 0415M19
Instrument: MAX
Sequence: M140414
Dilution Factor: 200
Initials: SV

Printed: 04/30/14 1:48:13 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: Trip Blank

Sample Collection Date: 04/11/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73131

APPL ID: AY95082

QCG: #26UW-140415AM-186019

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/15/14	04/15/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/15/14	04/15/14
EPA 8260B	BENZENE	Not detected	0.4	0.16	ug/L	04/15/14	04/15/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/15/14	04/15/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/15/14	04/15/14
EPA 8260B	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/15/14	04/15/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/15/14	04/15/14
EPA 8260B	TOLUENE	Not detected	1.1	0.17	ug/L	04/15/14	04/15/14
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	109	75-125		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	109	62-139		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	108	75-125		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	110	75-125		%	04/15/14	04/15/14

Quant Method: MALLW.M
Run #: 0415M14
Instrument: MAX
Sequence: M140414
Dilution Factor: 1
Initials: DG

Printed: 04/17/14 1:55:06 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: Trip Blank

Sample Collection Date: 04/11/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73131

APPL ID: AY95082

QCG: #8260-140415AM-186392

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/15/14	04/15/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/15/14	04/15/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/15/14	04/15/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/15/14	04/15/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/15/14	04/15/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/15/14	04/15/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/15/14	04/15/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/15/14	04/15/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/15/14	04/15/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/15/14	04/15/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/15/14	04/15/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/15/14	04/15/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/15/14	04/15/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/15/14	04/15/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/15/14	04/15/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/15/14	04/15/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/15/14	04/15/14
EPA 8260B	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/15/14	04/15/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/15/14	04/15/14
EPA 8260B	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/15/14	04/15/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/15/14	04/15/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	109	70-125		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	109	72-133		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	108	78-125		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	110	73-124		%	04/15/14	04/15/14

Quant Method: MALLW.M
Run #: 0415M14
Instrument: MAX
Sequence: M140414
Dilution Factor: 1
Initials: SV

Printed: 04/30/14 1:48:13 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: Equip Blank

Sample Collection Date: 04/11/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73131

APPL ID: AY95083

QCG: #26UW-140415AM-186019

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/15/14	04/15/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/15/14	04/15/14
EPA 8260B	BENZENE	Not detected	0.4	0.16	ug/L	04/15/14	04/15/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/15/14	04/15/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/15/14	04/15/14
EPA 8260B	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/15/14	04/15/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/15/14	04/15/14
EPA 8260B	TOLUENE	0.25 J	1.1	0.17	ug/L	04/15/14	04/15/14
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	114	75-125		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	111	62-139		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	113	75-125		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	112	75-125		%	04/15/14	04/15/14

J = Estimated value.

Quant Method: MALLW.M
Run #: 0415M15
Instrument: MAX
Sequence: M140414
Dilution Factor: 1
Initials: DG

Printed: 04/17/14 1:55:06 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: Equip Blank

Sample Collection Date: 04/11/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73131

APPL ID: AY95083

QCG: #8260-140415AM-186392

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/15/14	04/15/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/15/14	04/15/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/15/14	04/15/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/15/14	04/15/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/15/14	04/15/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/15/14	04/15/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/15/14	04/15/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/15/14	04/15/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/15/14	04/15/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/15/14	04/15/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/15/14	04/15/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/15/14	04/15/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/15/14	04/15/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/15/14	04/15/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/15/14	04/15/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/15/14	04/15/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/15/14	04/15/14
EPA 8260B	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/15/14	04/15/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/15/14	04/15/14
EPA 8260B	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/15/14	04/15/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/15/14	04/15/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	114	70-125		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	111	72-133		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	113	78-125		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	112	73-124		%	04/15/14	04/15/14

Quant Method: MALLW.M
Run #: 0415M15
Instrument: MAX
Sequence: M140414
Dilution Factor: 1
Initials: SV

Printed: 04/30/14 1:48:13 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: Equip Blank

Sample Collection Date: 04/10/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73131

APPL ID: AY95084

QCG: #26UW-140415AM-186019

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/15/14	04/15/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/15/14	04/15/14
EPA 8260B	BENZENE	Not detected	0.4	0.16	ug/L	04/15/14	04/15/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/15/14	04/15/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/15/14	04/15/14
EPA 8260B	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/15/14	04/15/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/15/14	04/15/14
EPA 8260B	TOLUENE	0.24 J	1.1	0.17	ug/L	04/15/14	04/15/14
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	110	75-125		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	107	62-139		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	109	75-125		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	108	75-125		%	04/15/14	04/15/14

J = Estimated value.

Quant Method: MALLW.M
Run #: 0415M16
Instrument: MAX
Sequence: M140414
Dilution Factor: 1
Initials: DG

Printed: 04/17/14 1:57:14 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: Equip Blank

Sample Collection Date: 04/10/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73131

APPL ID: AY95084

QCG: #8260-140415AM-186392

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/15/14	04/15/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/15/14	04/15/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/15/14	04/15/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/15/14	04/15/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/15/14	04/15/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/15/14	04/15/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/15/14	04/15/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/15/14	04/15/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/15/14	04/15/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/15/14	04/15/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/15/14	04/15/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/15/14	04/15/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/15/14	04/15/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/15/14	04/15/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/15/14	04/15/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/15/14	04/15/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/15/14	04/15/14
EPA 8260B	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/15/14	04/15/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/15/14	04/15/14
EPA 8260B	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/15/14	04/15/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/15/14	04/15/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	110	70-125		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	107	72-133		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	109	78-125		%	04/15/14	04/15/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	108	73-124		%	04/15/14	04/15/14

Quant Method: MALLW.M
Run #: 0415M16
Instrument: MAX
Sequence: M140414
Dilution Factor: 1
Initials: SV

Printed: 04/30/14 2:00:03 PM
APPL-F1-SC-NoMC-REG MDLs

Metals Results

ARF: 73131

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Method	Analyte	Result	RL	MDL	Units	DF	Prep Date	Analysis Date
APPL ID: AY95081		-Client Sample ID: SB-2@35		-Sample Collection Date: 04/11/14		Project: Phase II ESA - 655 G St		
6020	LEAD (PB)	6.9	0.5	0.10	mg/Kg	5	04/21/14	04/29/14

Printed: 04/29/14 1:29:21 PM

APPL-F1-SC-NoMC-REG MDLs

Method Blank
TPH Diesel Soil EPA 8015B

Blank Name/QCG: **140425S-95081 - 186464**
Batch ID: #TPHDS-140425A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	DIESEL FUEL	Not detected	1000	646.0	ug/kg	4/25/2014	4/30/2014
BLANK	MOTOR OIL	Not detected	10000	3510.0	ug/kg	4/25/2014	4/30/2014
BLANK	SURROGATE: OCTACOSANE (S)	91.2	47-140		%	4/25/2014	4/30/2014
BLANK	SURROGATE: ORTHO-TERPHENYL (	90.2	58-128		%	4/25/2014	4/30/2014

Quant Method:TPH14S30.M
Run #:430015
Instrument:Apollo
Sequence:140430
Initials:LA

GC SC-Blank-REG MDLs
Printed: 5/2/2014 11:46:11 AM

Laboratory Control Spike Recovery
TPH Diesel Soil EPA 8015B

APPL ID: 140425S-95081 LCS - 186464

Batch ID: #TPHDS-140425A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
DIESEL FUEL	40000	32700	81.8	64-122
MOTOR OIL	40000	31700	79.3	50-150
SURROGATE: OCTACOSANE (S)	3000	2920	97.3	47-140
SURROGATE: ORTHO-TERPHENYL (S)	3000	3950	132 #	58-128

= Recovery is outside QC limits.

Comments: _____

Primary	SPK
Quant Method :	TPH14S30.M
Extraction Date :	4/25/2014
Analysis Date :	4/30/2014
Instrument :	Apollo
Run :	430016
Initials :	LA

Printed: 5/2/2014 11:46:01 AM

APPL Standard LCS

Method Blank

EPA 8270C - SOLID

Blank Name/QCG: 140418S-94765 - 186178
Batch ID: #SIMS-140418A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	4/18/14	4/22/14
BLANK	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	4/18/14	4/22/14
BLANK	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	4/18/14	4/22/14
BLANK	ANTHRACENE	Not detected	5.0	0.83	ug/kg	4/18/14	4/22/14
BLANK	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	4/18/14	4/22/14
BLANK	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	4/18/14	4/22/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	4/18/14	4/22/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	4/18/14	4/22/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	4/18/14	4/22/14
BLANK	CHRYSENE	Not detected	5.0	0.85	ug/kg	4/18/14	4/22/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	4/18/14	4/22/14
BLANK	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	4/18/14	4/22/14
BLANK	FLUORENE	Not detected	5.0	1.00	ug/kg	4/18/14	4/22/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	4/18/14	4/22/14
BLANK	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	4/18/14	4/22/14
BLANK	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	4/18/14	4/22/14
BLANK	PYRENE	Not detected	5.0	1.24	ug/kg	4/18/14	4/22/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	83.5	45-105		%	4/18/14	4/22/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	63.0	35-100		%	4/18/14	4/22/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	99.4	30-125		%	4/18/14	4/22/14

Quant Method: SIM.M
Run #: 0422L012
Instrument: Linus
Sequence: L140422
Initials: LF

GC SC-Blank-REG MDLs
Printed: 4/23/14 9:08:52 AM

Laboratory Control Spike Recovery

EPA 8270C - SOLID

APPL ID: 140418S-94765 LCS - 186178

Batch ID: #SIMS-140418A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
2-METHYLNAPHTHALENE	133	122	91.7	45-105
ACENAPHTHENE	133	129	97.0	45-110
ACENAPHTHYLENE	133	126	94.7	45-105
ANTHRACENE	133	133	100	55-105
BENZ(A)ANTHRACENE	133	128	96.2	50-110
BENZO(A)PYRENE	133	130	97.7	50-110
BENZO(B)FLUORANTHENE	133	113	85.0	45-115
BENZO(G,H,I)PERYLENE	133	128	96.2	40-125
BENZO(K)FLUORANTHENE	133	132	99.2	45-125
CHRYSENE	133	131	98.5	55-110
DIBENZ(A,H)ANTHRACENE	133	118	88.7	40-125
FLUORANTHENE	133	142	107	55-115
FLUORENE	133	132	99.2	50-110
INDENO(1,2,3-CD)PYRENE	133	112	84.2	40-120
NAPHTHALENE	133	89.7	67.4	40-105
PHENANTHRENE	133	137	103	50-110
PYRENE	133	131	98.5	45-125
SURROGATE: 2-FLUORBIPHENYL (S)	66.7	53.0	79.5	45-105
SURROGATE: NITROBENZENE-D5 (S)	66.7	42.3	63.4	35-100
SURROGATE: TERPHENYL-D14 (S)	66.7	63.0	94.5	30-125

Comments: _____

Primary	SPK
Quant Method :	SIM.M
Extraction Date :	4/18/14
Analysis Date :	4/22/14
Instrument :	Linus
Run :	0422L013
Initials :	LF

Printed: 4/23/14 9:08:54 AM

APPL Standard LCS

Method Blank
EPA 8260B BTEX OXY W - UST MEOH

Blank Name/QCG: **140415S-95081 - 186021**
 Batch ID: #26USM-140415AM

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	30.0	7.00	ug/Kg	04/15/14	04/15/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	30.0	10.00	ug/Kg	04/15/14	04/15/14
BLANK	BENZENE	Not detected	20.0	8.00	ug/Kg	04/15/14	04/15/14
BLANK	DI-ISOPROPYL ETHER	Not detected	25.0	8.00	ug/Kg	04/15/14	04/15/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	25.0	9.50	ug/Kg	04/15/14	04/15/14
BLANK	ETHYLBENZENE	Not detected	30.0	11.50	ug/Kg	04/15/14	04/15/14
BLANK	METHYL TERT-BUTYL ETHER	Not detected	25.0	9.50	ug/Kg	04/15/14	04/15/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	25.0	7.00	ug/Kg	04/15/14	04/15/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	1250.0	500.00	ug/Kg	04/15/14	04/15/14
BLANK	TOLUENE	Not detected	55.0	8.50	ug/Kg	04/15/14	04/15/14
BLANK	XYLENES	Not detected	25.0	9.50	ug/Kg	04/15/14	04/15/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	112	75-125		%	04/15/14	04/15/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	111	62-139		%	04/15/14	04/15/14
BLANK	SURROGATE: DIBROMOFLUOROME	107	75-125		%	04/15/14	04/15/14
BLANK	SURROGATE: TOLUENE-D8 (S)	116	75-125		%	04/15/14	04/15/14

Quant Method: MALLW.M
 Run #: 0415M10
 Instrument: MAX
 Sequence: M140414
 Initials: DG

GC SC-Blank-REG MDLs
 Printed: 04/17/14 1:55:10 PM

Method Blank

EPA 8260B MEOH

Blank Name/QCG: 140415S-95081 - 186393
Batch ID: #8260S-140415AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	25.0	6.50	ug/Kg	04/15/14	04/15/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	25.0	7.00	ug/Kg	04/15/14	04/15/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	25.0	13.50	ug/Kg	04/15/14	04/15/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	25.0	10.00	ug/Kg	04/15/14	04/15/14
BLANK	1,1-DICHLOROETHANE	Not detected	50.0	9.50	ug/Kg	04/15/14	04/15/14
BLANK	1,1-DICHLOROETHENE	Not detected	25.0	15.00	ug/Kg	04/15/14	04/15/14
BLANK	1,2-DICHLOROBENZENE	Not detected	25.0	8.50	ug/Kg	04/15/14	04/15/14
BLANK	1,2-DICHLOROPROPANE	Not detected	25.0	8.50	ug/Kg	04/15/14	04/15/14
BLANK	1,3-DICHLOROBENZENE	Not detected	25.0	5.50	ug/Kg	04/15/14	04/15/14
BLANK	1,4-DICHLOROBENZENE	Not detected	25.0	9.50	ug/Kg	04/15/14	04/15/14
BLANK	BROMOBENZENE	Not detected	25.0	8.00	ug/Kg	04/15/14	04/15/14
BLANK	BROMODICHLOROMETHANE	Not detected	25.0	7.00	ug/Kg	04/15/14	04/15/14
BLANK	BROMOFORM	Not detected	25.0	7.00	ug/Kg	04/15/14	04/15/14
BLANK	BROMOMETHANE	Not detected	50.0	12.00	ug/Kg	04/15/14	04/15/14
BLANK	CARBON TETRACHLORIDE	Not detected	25.0	5.00	ug/Kg	04/15/14	04/15/14
BLANK	CHLOROBENZENE	Not detected	25.0	10.50	ug/Kg	04/15/14	04/15/14
BLANK	CHLOROETHANE	Not detected	25.0	10.50	ug/Kg	04/15/14	04/15/14
BLANK	CHLOROFORM	Not detected	25.0	8.00	ug/Kg	04/15/14	04/15/14
BLANK	CHLOROMETHANE	Not detected	25.0	15.50	ug/Kg	04/15/14	04/15/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	25.0	8.00	ug/Kg	04/15/14	04/15/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	25.0	7.50	ug/Kg	04/15/14	04/15/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	25.0	9.50	ug/Kg	04/15/14	04/15/14
BLANK	DIBROMOMETHANE	Not detected	25.0	10.00	ug/Kg	04/15/14	04/15/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	50.0	9.50	ug/Kg	04/15/14	04/15/14
BLANK	FREON-113	Not detected	25.0	10.50	ug/Kg	04/15/14	04/15/14
BLANK	METHYLENE CHLORIDE	Not detected	250.0	17.50	ug/Kg	04/15/14	04/15/14
BLANK	TETRACHLOROETHENE	Not detected	25.0	7.50	ug/Kg	04/15/14	04/15/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	25.0	9.50	ug/Kg	04/15/14	04/15/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	25.0	9.00	ug/Kg	04/15/14	04/15/14
BLANK	TRICHLOROETHENE	Not detected	25.0	8.00	ug/Kg	04/15/14	04/15/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	25.0	12.00	ug/Kg	04/15/14	04/15/14
BLANK	VINYL CHLORIDE	Not detected	25.0	11.50	ug/Kg	04/15/14	04/15/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	112	70-125		%	04/15/14	04/15/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	111	72-133		%	04/15/14	04/15/14

Quant Method: MALLW.M
Run #: 0415M10
Instrument: MAX
Sequence: M140414
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 1:48:06 PM

Method Blank
EPA 8260B MEOH

Blank Name/QCG: **140415S-95081 - 186393**
Batch ID: #8260S-140415AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	107	78-125		%	04/15/14	04/15/14
BLANK	SURROGATE: TOLUENE-D8 (S)	116	73-124		%	04/15/14	04/15/14

Quant Method: MALLW.M
Run #: 0415M10
Instrument: MAX
Sequence: M140414
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 1:48:06 PM

Method Blank
EPA 8260B BTEX Oxy W - UST

Blank Name/QCG: 140415W-95082 - 186019
Batch ID: #26UW-140415AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/15/14	04/15/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/15/14	04/15/14
BLANK	BENZENE	Not detected	0.4	0.16	ug/L	04/15/14	04/15/14
BLANK	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
BLANK	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/15/14	04/15/14
BLANK	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/15/14	04/15/14
BLANK	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/15/14	04/15/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/15/14	04/15/14
BLANK	TOLUENE	Not detected	1.1	0.17	ug/L	04/15/14	04/15/14
BLANK	XYLENES	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	115	75-125		%	04/15/14	04/15/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	110	62-139		%	04/15/14	04/15/14
BLANK	SURROGATE: DIBROMOFLUOROME	113	75-125		%	04/15/14	04/15/14
BLANK	SURROGATE: TOLUENE-D8 (S)	113	75-125		%	04/15/14	04/15/14

Quant Method: MALLW.M
Run #: 0415M11
Instrument: MAX
Sequence: M140414
Initials: DG

GC SC-Blank-REG MDLs
Printed: 04/17/14 1:55:09 PM

Method Blank

EPA 8260B

Blank Name/QCG: 140415W-95082 - 186392
Batch ID: #8260-140415AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/15/14	04/15/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/15/14	04/15/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/15/14	04/15/14
BLANK	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/15/14	04/15/14
BLANK	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/15/14	04/15/14
BLANK	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/15/14	04/15/14
BLANK	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/15/14	04/15/14
BLANK	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/15/14	04/15/14
BLANK	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
BLANK	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
BLANK	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
BLANK	BROMOFORM	Not detected	0.5	0.14	ug/L	04/15/14	04/15/14
BLANK	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/15/14	04/15/14
BLANK	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/15/14	04/15/14
BLANK	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/15/14	04/15/14
BLANK	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/15/14	04/15/14
BLANK	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/15/14	04/15/14
BLANK	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/15/14	04/15/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/15/14	04/15/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
BLANK	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/15/14	04/15/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/15/14	04/15/14
BLANK	FREON-113	Not detected	0.5	0.21	ug/L	04/15/14	04/15/14
BLANK	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/15/14	04/15/14
BLANK	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/15/14	04/15/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/15/14	04/15/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/15/14	04/15/14
BLANK	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/15/14	04/15/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/15/14	04/15/14
BLANK	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/15/14	04/15/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	115	70-125		%	04/15/14	04/15/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	110	72-133		%	04/15/14	04/15/14

Quant Method: MALLW.M
Run #: 0415M11
Instrument: MAX
Sequence: M140414
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 1:48:05 PM

Method Blank
EPA 8260B

Blank Name/QCG: **140415W-95082 - 186392**
Batch ID: #8260-140415AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	113	78-125		%	04/15/14	04/15/14
BLANK	SURROGATE: TOLUENE-D8 (S)	113	73-124		%	04/15/14	04/15/14

Quant Method: MALLW.M
Run #: 0415M11
Instrument: MAX
Sequence: M140414
Initials: SV

GC SC-Blank-REG MDLs
Printed: 04/30/14 1:48:06 PM

Laboratory Control Spike Recovery

EPA 8260B BTEX OXY W - UST MEOH

APPL ID: 140415S-95081 LCS - 186021
Batch ID: #26USM-140415AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	500	524	105	68-127
1,2-ETHYLENE DIBROMIDE	500	500	100	70-130
BENZENE	500	526	105	75-125
DI-ISOPROPYL ETHER	500	489	97.8	70-130
ETHYL-TERT-BUTYL ETHER	500	521	104	70-130
ETHYLBENZENE	500	514	103	75-125
METHYL TERT-BUTYL ETHER	500	483	96.6	70-130
TERT-AMYL METHYL ETHER	500	509	102	70-130
TERT-BUTYL ALCOHOL	6250	6500	104	70-130
TOLUENE	500	528	106	74-125
XYLENES	1500	1800	120	70-130
SURROGATE: 1,2-DICHLOROETHANE-D	19.6	22.7	116	75-125
SURROGATE: 4-BROMOFLUOROBENZE	18.8	22.9	122	62-139
SURROGATE: DIBROMOFLUOROMETH	20.3	23.0	113	75-125
SURROGATE: TOLUENE-D8 (S)	20.5	23.9	116	75-125

Comments: _____

Primary	SPK
Quant Method :	MALLW.M
Extraction Date :	04/15/14
Analysis Date :	04/15/14
Instrument :	MAX
Run :	0415M06
Initials :	DG

Printed: 04/17/14 1:55:03 PM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B MEOH

APPL ID: 140415S-95081 LCS - 186393

Batch ID: #8260S-140415AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	500	512	102	73-124
1,1,1-TRICHLOROETHANE	500	517	103	67-125
1,1,2,2-TETRACHLOROETHANE	500	560	112	71-127
1,1,2-TRICHLOROETHANE	500	500	100	74-121
1,1-DICHLOROETHANE	500	517	103	62-132
1,1-DICHLOROETHENE	500	468	93.6	70-125
1,2-DICHLOROBENZENE	500	511	102	70-129
1,2-DICHLOROPROPANE	500	534	107	77-125
1,3-DICHLOROBENZENE	500	532	106	69-129
1,4-DICHLOROBENZENE	500	521	104	71-126
BROMOBENZENE	500	539	108	65-130
BROMODICHLOROMETHANE	500	520	104	69-124
BROMOFORM	500	514	103	67-125
BROMOMETHANE	500	544	109	71-131
CARBON TETRACHLORIDE	500	518	104	70-122
CHLOROBENZENE	500	507	101	72-125
CHLOROETHANE	500	487	97.4	78-125
CHLOROFORM	500	523	105	69-122
CHLOROMETHANE	500	426	85.2	71-124
CIS-1,2-DICHLOROETHENE	500	520	104	72-123
CIS-1,3-DICHLOROPROPENE	500	514	103	70-125
DIBROMOCHLOROMETHANE	500	489	97.8	70-125
DIBROMOMETHANE	500	533	107	66-126
DICHLORODIFLUOROMETHANE	500	459	91.8	68-131
FREON-113	500	519	104	74-138
METHYLENE CHLORIDE	500	451	90.2	78-118
TETRACHLOROETHENE	500	502	100	62-136
TRANS-1,2-DICHLOROETHENE	500	497	99.4	68-126
TRANS-1,3-DICHLOROPROPENE	500	508	102	62-127
TRICHLOROETHENE	500	485	97.0	70-128
TRICHLOROFLUOROMETHANE	500	428	85.6	66-132

Comments:

Primary	SPK
Quant Method :	MALLW.M
Extraction Date :	04/15/14
Analysis Date :	04/15/14
Instrument :	MAX
Run :	0415M06
Initials :	SV

Printed: 04/30/14 1:48:09 PM

APPL Standard LCS

Laboratory Control Spike Recovery
EPA 8260B MEOH

APPL ID: 140415S-95081 LCS - 186393

Batch ID: #8260S-140415AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	500	469	93.8	79-138
SURROGATE: 1,2-DICHLOROETHANE-	19.6	22.7	116	70-125
SURROGATE: 4-BROMOFLUOROBENZ	18.8	22.9	122	72-133
SURROGATE: DIBROMOFLUOROMETH	20.3	23.0	113	78-125
SURROGATE: TOLUENE-D8 (S)	20.5	23.9	116	73-124

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	MALLW.M
Extraction Date :	04/15/14
Analysis Date :	04/15/14
Instrument :	MAX
Run :	0415M06
Initials :	SV

Printed: 04/30/14 1:48:09 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy W - UST

APPL ID: 140415W-95082 LCS - 186019
Batch ID: #26UW-140415AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	10.00	10.6	106	68-127
1,2-ETHYLENE DIBROMIDE	10.00	10.1	101	70-130
BENZENE	10.00	10.9	109	75-125
DI-ISOPROPYL ETHER	10.00	10.3	103	70-130
ETHYL-TERT-BUTYL ETHER	10.00	10.4	104	70-130
ETHYLBENZENE	10.00	10.7	107	75-125
METHYL TERT-BUTYL ETHER	10.00	10.5	105	70-130
NAPHTHALENE	10.00	9.16	91.6	55-140
TERT-AMYL METHYL ETHER	10.00	10.5	105	70-130
TERT-BUTYL ALCOHOL	125	118	94.4	49-167
TOLUENE	10.00	10.5	105	74-125
XYLENES	30.0	32.6	109	70-130
SURROGATE: 1,2-DICHLOROETHANE-D	19.6	22.5	115	75-125
SURROGATE: 4-BROMOFLUOROBENZE	18.8	22.6	120	62-139
SURROGATE: DIBROMOFLUOROMETH	20.3	22.9	113	75-125
SURROGATE: TOLUENE-D8 (S)	20.5	23.4	114	75-125

Comments: _____

Primary	SPK
Quant Method :	MALLW.M
Extraction Date :	04/15/14
Analysis Date :	04/15/14
Instrument :	MAX
Run :	0415M05
Initials :	DG

Printed: 04/21/14 10:03:32 AM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140415W-95082 LCS - 186392
Batch ID: #8260-140415AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	10.00	10.5	105	73-124
1,1,1-TRICHLOROETHANE	10.00	10.4	104	67-125
1,1,2,2-TETRACHLOROETHANE	10.00	10.7	107	71-127
1,1,2-TRICHLOROETHANE	10.00	9.86	98.6	74-121
1,1-DICHLOROETHANE	10.00	10.8	108	62-132
1,1-DICHLOROETHENE	10.00	9.77	97.7	70-125
1,2-DICHLOROBENZENE	10.00	11.1	111	70-129
1,2-DICHLOROPROPANE	10.00	10.5	105	77-125
1,3-DICHLOROBENZENE	10.00	10.9	109	69-129
1,4-DICHLOROBENZENE	10.00	10.6	106	71-126
BROMOBENZENE	10.00	10.5	105	65-130
BROMODICHLOROMETHANE	10.00	10.7	107	69-124
BROMOFORM	10.00	9.99	99.9	67-125
BROMOMETHANE	10.00	11.3	113	71-131
CARBON TETRACHLORIDE	10.00	10.4	104	70-122
CHLOROBENZENE	10.00	10.7	107	72-125
CHLOROETHANE	10.00	11.2	112	78-125
CHLOROFORM	10.00	10.2	102	69-122
CHLOROMETHANE	10.00	9.25	92.5	71-124
CIS-1,2-DICHLOROETHENE	10.00	10.4	104	72-123
CIS-1,3-DICHLOROPROPENE	10.00	10.2	102	70-125
DIBROMOCHLOROMETHANE	10.00	10.5	105	70-125
DIBROMOMETHANE	10.00	10.6	106	66-126
DICHLORODIFLUOROMETHANE	10.00	8.73	87.3	68-131
FREON-113	10.00	9.63	96.3	74-138
METHYLENE CHLORIDE	10.00	9.04	90.4	78-118
TETRACHLOROETHENE	10.00	10.3	103	62-136
TRANS-1,2-DICHLOROETHENE	10.00	10.9	109	68-126
TRANS-1,3-DICHLOROPROPENE	10.00	10.3	103	62-127
TRICHLOROETHENE	10.00	9.72	97.2	70-128
TRICHLOROFLUOROMETHANE	10.00	8.70	87.0	66-132

Comments: _____

Primary	SPK
Quant Method :	MALLW.M
Extraction Date :	04/15/14
Analysis Date :	04/15/14
Instrument :	MAX
Run :	0415M05
Initials :	SV

Printed: 04/30/14 1:48:09 PM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140415W-95082 LCS - 186392
Batch ID: #8260-140415AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	10.00	9.75	97.5	79-138
SURROGATE: 1,2-DICHLOROETHANE-	19.6	22.5	115	70-125
SURROGATE: 4-BROMOFLUOROBENZ	18.8	22.6	120	72-133
SURROGATE: DIBROMOFLUOROMETH	20.3	22.9	113	78-125
SURROGATE: TOLUENE-D8 (S)	20.5	23.4	114	73-124

Comments: _____

Primary	SPK
Quant Method :	MALLW.M
Extraction Date :	04/15/14
Analysis Date :	04/15/14
Instrument :	MAX
Run :	0415M05
Initials :	SV

Printed: 04/30/14 1:48:09 PM
APPL Standard LCS

Method Blank
Gas analysis-soil

Blank Name/QCG: 140421S-94844 - 186125
Batch ID: #GASS-140421A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	GASOLINE	Not detected	1000	340.0	ug/Kg	04/21/14	04/21/14
BLANK	SURROGATE: BFB-FID (S)	109	76-131		%	04/21/14	04/21/14

Quant Method:HGAS.M
Run #:0421H11
Instrument:Harpo
Sequence:131015
Initials:LF

GC SC-Blank-REG MDLs
Printed: 04/22/14 7:27:36 AM

Laboratory Control Spike Recoveries

Gas analysis-soil

APPL ID: 140421S-94844 LCS - 186125

Batch ID: #GASS-140421A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Lvl ug/Kg	SPK Result ug/Kg	DUP Result ug/Kg	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
GASOLINE	15000	14700	14800	98.0	98.7	37-150	0.68	25
SURROGATE: BFB-FID (S)	30.0	32.8	32.8	109	109	76-131		

Comments: _____

<u>Primary</u>	<u>SPK</u>	<u>DUP</u>
Quant Method :	HGAS.M	HGAS.M
Extraction Date :	04/21/14	04/21/14
Analysis Date :	04/21/14	04/21/14
Instrument :	Harpo	Harpo
Run :	0421H09	0421H10
Initials :	LF	

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-2@35

Sample Collection Date: 04/11/14

ARF: 73131

APPL ID: AY95081

QCG: #GASS-140421A-186125

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	700000 ++	80000	27200.0	ug/Kg	04/21/14	04/21/14
EPA 8015	SURROGATE: BFB-FID (S)	103	76-131		%	04/21/14	04/21/14

++(G3) The analyst has noted that the chromatogram of this sample includes higher boiling hydrocarbons.

Quant Method: HGAS.M
Run #: 0421H16
Instrument: Harpo
Sequence: 131015
Dilution Factor: 80
Initials: LF

Printed: 04/22/14 7:34:01 AM
APPL-F1-SC-NoMC-REG MDLs

METALS BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date	QC Group
6020	LEAD (PB)	Not detected	0.1	0.02	mg/Kg	04/21/14	04/29/14	#6020S-A140421-AY95081

Laboratory Control Spike Recovery

METALS

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/Kg	SPK Result mg/Kg	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
6020	LEAD (PB)	25.0	21.3	85.2	80-120	04/21/14	04/29/14	#6020S-A140421-AY95081

Comments:



APPL, Inc.
908 N Temperance Ave
Clovis, CA 93611

CHAIN OF CUSTODY RECORD

Phone: (559) 275-2175
Fax: (559) 275-4422

PLEASE PRINT

Report to:

Company Name: URS Corp Invoice to: PLEASE PRINT
Address: 30 River Park Place West #180 Company Name: _____ Phone: _____
City: Perris, CA Address: _____ Fax: _____
Attn: Frank Giguere Attn: _____

Project Name/Number

Sampler (Print)

Sampler (Signature)
T. Linder

Purchase Order Number

18795311.40000

Sample Identification

SB-2 @ 35

SB-2 @ 100

Trip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Equip Blank

Date Collected

Time Collected

Time Zone

4/11/14

1010

PAC

4/11/14

1010

PAC

4/11/14

1010

PAC

4/11/14

1010

PAC

4/11/14

1010

PAC

4/11/14

1010

PAC

4/11/14

1010

PAC

4/11/14

1010

PAC

4/11/14

1010

PAC

4/11/14

1010

PAC

4/11/14

1010

PAC

4/11/14

1010

PAC

4/11/14

No. of Containers

Matrix

Aq

Sed

Soil

4

1

3

3

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

Analysis Requested/Method Number

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

704g (815)

Date Shipped:

Carrier:

Waybill No.:

Comments:

Full 8240

Shuttle Temperature:

Relinquished by sampler:

Relinquished by:

White: Return to client with report

Yellow: Laboratory Copy

Pink: Sampler

See reverse side for Container Preservative and Sampling Information

Turnaround Requested: Check one

☒ Standard 2-3 wk

☐ One week

☐ 24/48 Hrs.

☐ Other

Received by:

Date: 4/11/14

Time: 1610

Received by:

Date: 4/11/14

Time: 1610

Received at lab by:

Date: 4/11/14

Time: 1610



APPL, Inc.
908 N Temperance Ave
Clovis, CA 93611

Phone: (559) 275-2175
Fax: (559) 275-4422
C.O.C. 45109

73131

1 of 1
30

Report to:		PLEASE PRINT		Invoice to:		PLEASE PRINT	
Company Name:		Name:		Company Name:		Phone:	
Address:		Address:		Address:		Fax:	
Attn:		Attn:		Attn:		Attn:	
Project Name/Number		Sampler (Print)		Analysis Requested/Method Number		Date Shipped:	
Phase II EPA-655 G St.		T. Pender		Lead (6070)		Carrier:	
Purchase Order Number		Sampler (Signature)		Pb (8270C)		Waybill No.:	
18795311-40000		[Signature]		Asph. (8270C)		Comments:	
Sample Identification		Location		Matrix			
SB-2 @ 35		4/11/14 1010		Aq			
SB-2 @ 100		4/11/14 1010		Soil			
Trip Blank		-		Sed.			
Equip Blank		4/11/14 1800					
Equip Blank		4/10/14 1610					
Shuttle Temperature:		Turnaround Requested: Check one		Sample Disposal:			
		☒ Standard 2-3 wk ☐ One week ☐ 24/48 Hrs. ☐ Other		☐ Return to client ☒ Disposal by Lab (30-day retention)			
Relinquished by sampler:		Received by:		Relinquished by:		Received by:	
[Signature]		4/11/14 1610		[Signature]		[Signature]	
Relinquished by:		Received by:		Relinquished by:		Received by:	
[Signature]		4/11/14 1610		[Signature]		[Signature]	
White: Return to client with report		Yellow: Laboratory Copy		Pink: Sampler			
		See reverse side for Container Preservation and Sampling Information					



908 North Temperance Ave. ▽ Clovis, CA 93611 ▽ Phone 559-275-2175 ▽ Fax 559-275-4422

Certification Number: CA1312 (DW & WW)
NELAP Certification number: CA00046 (HW)

May 12, 2014

URS Corporation
30 River Park Place West, #180
Fresno, California 93720

Attn: Frank Gegunde

Subject: Report of Data: Case 73206

Results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dear Mr. Gegunde:

The sample group for project "18715311.40000 Phase II ESA-655 G St." was received April 22, 2014, in good condition. The VOC analyte list was revised and TPH-Diesel and Motor Oil analysis was added, as requested on April 25, 2014. Written results are being provided on this May 12, 2014, for the requested analyses. All holding times were met.

For the EPA 8015B TPH-Diesel and Motor Oil analysis, the samples were extracted according to EPA method 3550B. There was insufficient volume to add TPH-Diesel and Motor oil to the aqueous sample.

For the EPA 8270C-SIM analysis, the soil samples were extracted according to EPA method 3550B and the water sample was extracted according to EPA method 3510C.

For the EPA 8260B analysis, the soil samples were purged according to the EPA method 5035, and the water samples were purged according to EPA method 5030B.

For the EPA 8015B TPH-Gas analysis, the soil samples were prepared according to EPA 5035 and purged according to EPA method 5030B. The water sample was purged according to EPA method 5030B.

For the EPA 6020 analysis, the soil samples were digested according to EPA method 3050B and the water sample was digested according to EPA method 3015.

No other unusual problem or complication was encountered with this sample set.

If you have any questions or require further information, please contact us at your convenience. Thank you for choosing APPL, Inc.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. These test results meet all requirements of NELAC. Release of the hard copy has been authorized by the Laboratory Manager or her designee, as verified by the following signature.



Sharon Dehmlow, Laboratory Director
APPL, Inc.

SD/ab
Enclosure
cc: File

Number of pages in this report_____

TPH Diesel Soil EPA 8015B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-2@110'

Sample Collection Date: 4/21/2014

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95536

QCG: #TPHDS-140430A-186428

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	Not detected	1000	646.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	MOTOR OIL	Not detected	10000	3510.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	98.2	47-140		%	04/30/14	05/01/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	94.6	58-128		%	04/30/14	05/01/14

Quant Method: TPH14S30.M
Run #: 430033
Instrument: Apollo
Sequence: 140430
Dilution Factor: 1
Initials: LA

Printed: 5/1/2014 2:03:48 PM
APPL-F1-SC-NoMC-REG MDLs

TPH Diesel Soil EPA 8015B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-2@50'

Sample Collection Date: 4/21/2014

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95537

QCG: #TPHDS-140430A-186428

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	Not detected	1000	646.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	MOTOR OIL	Not detected	10000	3510.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	114	47-140		%	04/30/14	05/01/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	102	58-128		%	04/30/14	05/01/14

Quant Method: TPH14S30.M
Run #: 430034
Instrument: Apollo
Sequence: 140430
Dilution Factor: 1
Initials: LA

Printed: 5/1/2014 2:03:48 PM
APPL-F1-SC-NoMC-REG MDLs

TPH Diesel Soil EPA 8015B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-2@110' DUP

Sample Collection Date: 4/21/2014

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95574

QCG: #TPHDS-140430A-186428

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	Not detected	1000	646.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	MOTOR OIL	Not detected	10000	3510.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	105	47-140		%	04/30/14	05/01/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	96.0	58-128		%	04/30/14	05/01/14

Quant Method: TPH14S30.M

Run #: 430035

Instrument: Apollo

Sequence: 140430

Dilution Factor: 1

Initials: LA

Printed: 5/1/2014 2:03:48 PM

APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-2@110'

Sample Collection Date: 04/21/14

ARF: 73206

APPL ID: AY95536

QCG: #SIMS-140425A-186466

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/25/14	05/02/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/25/14	05/02/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/25/14	05/02/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/25/14	05/02/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/25/14	05/02/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/25/14	05/02/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	45.2	45-105		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	88.3	35-100		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	83.7	30-125		%	04/25/14	05/02/14

Quant Method: SIM.M
Run #: 0501L021
Instrument: Linus
Sequence: L140501
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 11:53:31 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-2@50'

Sample Collection Date: 04/21/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95537

QCG: #SIMS-140425A-186466

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/25/14	05/02/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/25/14	05/02/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/25/14	05/02/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/25/14	05/02/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/25/14	05/02/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/25/14	05/02/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	46.3	45-105		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	47.5	35-100		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	70.5	30-125		%	04/25/14	05/02/14

Quant Method: SIM.M
Run #: 0501L022
Instrument: Linus
Sequence: L140501
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 11:53:31 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - Water

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-2@118'

Sample Collection Date: 04/22/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95540

QCG: #SIM-140425A-186413

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	0.2	0.06	ug/L	04/25/14	04/30/14
8270C-SIM	ACENAPHTHENE	Not detected	0.2	0.06	ug/L	04/25/14	04/30/14
8270C-SIM	ACENAPHTHYLENE	Not detected	0.2	0.06	ug/L	04/25/14	04/30/14
8270C-SIM	ANTHRACENE	Not detected	0.2	0.05	ug/L	04/25/14	04/30/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	0.2	0.07	ug/L	04/25/14	04/30/14
8270C-SIM	BENZO(A)PYRENE	Not detected	0.2	0.06	ug/L	04/25/14	04/30/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	0.2	0.06	ug/L	04/25/14	04/30/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	0.2	0.08	ug/L	04/25/14	04/30/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	0.2	0.07	ug/L	04/25/14	04/30/14
8270C-SIM	CHRYSENE	Not detected	0.2	0.05	ug/L	04/25/14	04/30/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	0.2	0.05	ug/L	04/25/14	04/30/14
8270C-SIM	FLUORANTHENE	Not detected	0.2	0.08	ug/L	04/25/14	04/30/14
8270C-SIM	FLUORENE	Not detected	0.2	0.06	ug/L	04/25/14	04/30/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	0.2	0.07	ug/L	04/25/14	04/30/14
8270C-SIM	NAPHTHALENE	Not detected	0.2	0.05	ug/L	04/25/14	04/30/14
8270C-SIM	PHENANTHRENE	Not detected	0.2	0.07	ug/L	04/25/14	04/30/14
8270C-SIM	PYRENE	Not detected	0.2	0.08	ug/L	04/25/14	04/30/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	77.6	50-110		%	04/25/14	04/30/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	76.7	40-110		%	04/25/14	04/30/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	75.6	50-135		%	04/25/14	04/30/14

Quant Method: SIM.M
Run #: 0430L006
Instrument: Linus
Sequence: L140422
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 11:53:31 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-2@110' DUP

Sample Collection Date: 04/21/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95574

QCG: #SIMS-140425A-186466

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/25/14	05/02/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/25/14	05/02/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/25/14	05/02/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/25/14	05/02/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/25/14	05/02/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/25/14	05/02/14
8270C-SIM	SURROGATE: 2-FLUOROBIPHENYL (S)	50.3	45-105		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	67.9	35-100		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	76.5	30-125		%	04/25/14	05/02/14

Quant Method: SIM.M
Run #: 0501L023
Instrument: Linus
Sequence: L140501
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 11:53:31 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-2@110'

Sample Collection Date: 04/21/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95536

QCG: #26US-140424AT-186377

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/24/14	04/24/14
EPA 8260B	BENZENE	Not detected	5.0	0.63	ug/Kg	04/24/14	04/24/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/24/14	04/24/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/24/14	04/24/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/24/14	04/24/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/24/14	04/24/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/24/14	04/24/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/24/14	04/24/14
EPA 8260B	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/24/14	04/24/14
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	04/24/14	04/24/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	101	52-149		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	103	65-135		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	99.6	65-135		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	95.1	65-135		%	04/24/14	04/24/14

Quant Method: TALLS.M
Run #: 0424T35
Instrument: Thor
Sequence: T140424
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:43:04 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-2@110'

Sample Collection Date: 04/21/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95536

QCG: #8260S-140424AT1-186379

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/24/14	04/24/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/24/14	04/24/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/24/14	04/24/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/24/14	04/24/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/24/14	04/24/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/24/14	04/24/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/24/14	04/24/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/24/14	04/24/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/24/14	04/24/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/24/14	04/24/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	101	59-120		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	103	82-121		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	99.6	74-122		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	95.1	71-127		%	04/24/14	04/24/14

Quant Method: TALLS.M
Run #: 0424T35
Instrument: Thor
Sequence: T140424
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:43:46 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-2@50'

Sample Collection Date: 04/21/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95537

QCG: #26US-140424AT-186377

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/24/14	04/24/14
EPA 8260B	BENZENE	Not detected	5.0	0.63	ug/Kg	04/24/14	04/24/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/24/14	04/24/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/24/14	04/24/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/24/14	04/24/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/24/14	04/24/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/24/14	04/24/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/24/14	04/24/14
EPA 8260B	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/24/14	04/24/14
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	04/24/14	04/24/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	111	52-149		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	105	65-135		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	102	65-135		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	94.7	65-135		%	04/24/14	04/24/14

Quant Method: TALLS.M
Run #: 0424T36
Instrument: Thor
Sequence: T140424
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:43:05 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-2@50'

Sample Collection Date: 04/21/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95537

QCG: #8260S-140424AT1-186379

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/24/14	04/24/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/24/14	04/24/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/24/14	04/24/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/24/14	04/24/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/24/14	04/24/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/24/14	04/24/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/24/14	04/24/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/24/14	04/24/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/24/14	04/24/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/24/14	04/24/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	111	59-120		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	105	82-121		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	102	74-122		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	94.7	71-127		%	04/24/14	04/24/14

Quant Method: TALLS.M
Run #: 0424T36
Instrument: Thor
Sequence: T140424
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:43:47 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: Equip Blank

Sample Collection Date: 04/21/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95538

QCG: #26UW-140429AM-186368

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	BENZENE	Not detected	0.4	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/29/14	04/29/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/29/14	04/29/14
EPA 8260B	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/29/14	04/29/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/29/14	04/29/14
EPA 8260B	TOLUENE	Not detected	1.1	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	99.7	75-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	99.3	62-139		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	104	75-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	99.9	75-125		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M13
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:43:05 AM

APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: Equip Blank

Sample Collection Date: 04/21/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95538

QCG: #8260-140429AM-186370

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/29/14	04/29/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/29/14	04/29/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/29/14	04/29/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/29/14	04/29/14
EPA 8260B	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/29/14	04/29/14
EPA 8260B	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/29/14	04/29/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	99.7	70-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	99.3	72-133		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	104	78-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	99.9	73-124		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M13
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:43:47 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: Trip Blank

Sample Collection Date: 04/22/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95539

QCG: #26UW-140429AM-186368

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	BENZENE	Not detected	0.4	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/29/14	04/29/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/29/14	04/29/14
EPA 8260B	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/29/14	04/29/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/29/14	04/29/14
EPA 8260B	TOLUENE	Not detected	1.1	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	102	75-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	97.6	62-139		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	104	75-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	98.6	75-125		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M10
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:43:05 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: Trip Blank

Sample Collection Date: 04/22/14

ARF: 73206

APPL ID: AY95539

QCG: #8260-140429AM-186370

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/29/14	04/29/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/29/14	04/29/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/29/14	04/29/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/29/14	04/29/14
EPA 8260B	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/29/14	04/29/14
EPA 8260B	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/29/14	04/29/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	102	70-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	97.6	72-133		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	104	78-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	98.6	73-124		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M10
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:43:47 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-2@118'

Sample Collection Date: 04/22/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95540

QCG: #26UW-140430AM-186433

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	0.32 J	0.6	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/30/14	04/30/14
EPA 8260B	BENZENE	Not detected	0.4	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/30/14	04/30/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/30/14	04/30/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/30/14	04/30/14
EPA 8260B	TOLUENE	Not detected	1.1	0.17	ug/L	04/30/14	04/30/14
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	103	75-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	100	62-139		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	104	75-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.8	75-125		%	04/30/14	04/30/14

J = Estimated value.

Quant Method: MALLW2.M
Run #: 0430M11
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: SV

Printed: 05/02/14 11:43:05 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-2@118'

Sample Collection Date: 04/22/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95540

QCG: #8260-140430AM-186432

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/30/14	04/30/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/30/14	04/30/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/30/14	04/30/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/30/14	04/30/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/30/14	04/30/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/30/14	04/30/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/30/14	04/30/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/30/14	04/30/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/30/14	04/30/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/30/14	04/30/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/30/14	04/30/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/30/14	04/30/14
EPA 8260B	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/30/14	04/30/14
EPA 8260B	TETRACHLOROETHENE	94	0.5	0.24	ug/L	04/30/14	04/30/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/30/14	04/30/14
EPA 8260B	TRICHLOROETHENE	0.23 J	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/30/14	04/30/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/30/14	04/30/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	103	70-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	100	72-133		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	104	78-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.8	73-124		%	04/30/14	04/30/14

J = Estimated value.

Quant Method: MALLW2.M
Run #: 0430M11
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: SV

Printed: 05/02/14 11:43:47 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-2@110' DUP

Sample Collection Date: 04/21/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95574

QCG: #26US-140424AT-186377

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/24/14	04/24/14
EPA 8260B	BENZENE	Not detected	5.0	0.63	ug/Kg	04/24/14	04/24/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/24/14	04/24/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/24/14	04/24/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/24/14	04/24/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/24/14	04/24/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/24/14	04/24/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/24/14	04/24/14
EPA 8260B	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/24/14	04/24/14
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	04/24/14	04/24/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	102	52-149		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	103	65-135		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	98.3	65-135		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.5	65-135		%	04/24/14	04/24/14

Quant Method: TALLS.M
Run #: 0424T37
Instrument: Thor
Sequence: T140424
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:43:05 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: **SB-2@110' DUP**

Sample Collection Date: 04/21/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: **AY95574**

QCG: #8260S-140424AT1-186379

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/24/14	04/24/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/24/14	04/24/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/24/14	04/24/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/24/14	04/24/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/24/14	04/24/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/24/14	04/24/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/24/14	04/24/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/24/14	04/24/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/24/14	04/24/14
EPA 8260B	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/24/14	04/24/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/24/14	04/24/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	102	59-120		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	103	82-121		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	98.3	74-122		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.5	71-127		%	04/24/14	04/24/14

Quant Method: TALLS.M
Run #: 0424T37
Instrument: Thor
Sequence: T140424
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:43:47 AM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: SB-2@110'

Sample Collection Date: 4/21/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95536

QCG: #GASS-140424A-186258

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	04/24/14	04/24/14
EPA 8015	SURROGATE: BFB-FID (S)	90.8	76-131		%	04/24/14	04/24/14

Quant Method: HGAS.M
Run #: 0424H17
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 4/25/14 10:26:04 AM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-2@50'

Sample Collection Date: 4/21/14

ARF: 73206

APPL ID: AY95537

QCG: #GASS-140424A-186258

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	04/25/14	04/25/14
EPA 8015	SURROGATE: BFB-FID (S)	91.7	76-131		%	04/25/14	04/25/14

Quant Method: HGAS.M
Run #: 0424H18
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 4/25/14 10:26:04 AM
APPL-F1-SC-NoMC-REG MDLs

Gas-Water

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-2@118'

Sample Collection Date: 4/22/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73206

APPL ID: AY95540

QCG: #GAS-140424A-186257

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8015	GASOLINE	39 ++	20.0	8.60	ug/L	04/24/14	04/24/14
8015	SURROGATE: BFB-FID (S)	97.8	70-130		%	04/24/14	04/24/14

++(G5) The analyst has noted that the chromatogram of this sample is mainly a dominant peak(s) which is not indicative of petroleum hydrocarbons.

Quant Method: HGAS.M
Run #: 0424H10
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 4/25/14 10:26:04 AM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

ARF: 73206

Sample ID: SB-2@110' DUP

APPL ID: AY95574

Sample Collection Date: 4/21/14

QCG: #GASS-140424A-186258

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	04/25/14	04/25/14
EPA 8015	SURROGATE: BFB-FID (S)	85.4	76-131		%	04/25/14	04/25/14

Quant Method: HGAS.M
Run #: 0424H19
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 4/25/14 10:26:04 AM
APPL-F1-SC-NoMC-REG MDLs

Metals Results

ARF: 73206

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

URS Corporation

30 River Park Place West, #180

Fresno, CA 93720

Attn: Frank Gegunde

Method	Analyte	Result	RL	MDL	Units	DF	Prep Date	Analysis Date
APPL ID: AY95536		-Client Sample ID: SB-2@110'		-Sample Collection Date: 04/21/14		Project: Phase II ESA - 655 G St		
6020	LEAD (PB)	4.8	0.1	0.02	mg/Kg	1	05/01/14	05/09/14
APPL ID: AY95537		-Client Sample ID: HP-2@50'		-Sample Collection Date: 04/21/14		Project: Phase II ESA - 655 G St		
6020	LEAD (PB)	2.6	0.1	0.02	mg/Kg	1	05/01/14	05/09/14
APPL ID: AY95540		-Client Sample ID: HP-2@118'		-Sample Collection Date: 04/22/14		Project: Phase II ESA - 655 G St		
6020	LEAD (PB)	Not detected	0.2	0.11	ug/L	1	05/02/14	05/08/14
APPL ID: AY95574		-Client Sample ID: SB-2@110' DUP		-Sample Collection Date: 04/21/14		Project: Phase II ESA - 655 G St		
6020	LEAD (PB)	5.5	0.1	0.02	mg/Kg	1	05/01/14	05/09/14

Printed: 05/12/14 9:02:10 AM

APPL-F1-SC-NoMC-REG MDLs

Method Blank
TPH Diesel Soil EPA 8015B

Blank Name/QCG: **140430S-95536 - 186428**
Batch ID: #TPHDS-140430A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	DIESEL FUEL	Not detected	1000	646.0	ug/kg	4/30/2014	5/1/2014
BLANK	MOTOR OIL	Not detected	10000	3510.0	ug/kg	4/30/2014	5/1/2014
BLANK	SURROGATE: OCTACOSANE (S)	101	47-140		%	4/30/2014	5/1/2014
BLANK	SURROGATE: ORTHO-TERPHENYL (	95.4	58-128		%	4/30/2014	5/1/2014

Quant Method:TPH14S30.M
Run #:430030
Instrument:Apollo
Sequence:140430
Initials:LA

GC SC-Blank-REG MDLs
Printed: 5/1/2014 2:03:51 PM

Laboratory Control Spike Recovery
TPH Diesel Soil EPA 8015B

APPL ID: 140430S-95536 LCS - 186428
Batch ID: #TPHDS-140430A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
DIESEL FUEL	40000	34900	87.3	64-122
MOTOR OIL	40000	31500	78.8	50-150
SURROGATE: OCTACOSANE (S)	3000	3080	103	47-140
SURROGATE: ORTHO-TERPHENYL (S)	3000	3410	114	58-128

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	TPH14S30.M
Extraction Date :	4/30/2014
Analysis Date :	5/1/2014
Instrument :	Apollo
Run :	430031
Initials :	LA

Printed: 5/1/2014 2:03:45 PM
APPL Standard LCS

Method Blank

EPA 8270C - Water

Blank Name/QCG: 140425W-95540 - 186413
Batch ID: #SIM-140425A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	2-METHYLNAPHTHALENE	Not detected	0.2	0.06	ug/L	04/25/14	04/30/14
BLANK	ACENAPHTHENE	Not detected	0.2	0.06	ug/L	04/25/14	04/30/14
BLANK	ACENAPHTHYLENE	Not detected	0.2	0.06	ug/L	04/25/14	04/30/14
BLANK	ANTHRACENE	Not detected	0.2	0.05	ug/L	04/25/14	04/30/14
BLANK	BENZ(A)ANTHRACENE	Not detected	0.2	0.07	ug/L	04/25/14	04/30/14
BLANK	BENZO(A)PYRENE	Not detected	0.2	0.06	ug/L	04/25/14	04/30/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	0.2	0.06	ug/L	04/25/14	04/30/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	0.2	0.08	ug/L	04/25/14	04/30/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	0.2	0.07	ug/L	04/25/14	04/30/14
BLANK	CHRYSENE	Not detected	0.2	0.05	ug/L	04/25/14	04/30/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	0.2	0.05	ug/L	04/25/14	04/30/14
BLANK	FLUORANTHENE	Not detected	0.2	0.08	ug/L	04/25/14	04/30/14
BLANK	FLUORENE	Not detected	0.2	0.06	ug/L	04/25/14	04/30/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	0.2	0.07	ug/L	04/25/14	04/30/14
BLANK	NAPHTHALENE	Not detected	0.2	0.05	ug/L	04/25/14	04/30/14
BLANK	PHENANTHRENE	Not detected	0.2	0.07	ug/L	04/25/14	04/30/14
BLANK	PYRENE	Not detected	0.2	0.08	ug/L	04/25/14	04/30/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	70.5	50-110		%	04/25/14	04/30/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	74.6	40-110		%	04/25/14	04/30/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	75.2	50-135		%	04/25/14	04/30/14

Quant Method:SIM.M
Run #:0430L004
Instrument:Linus
Sequence:L140422
Initials:LF

GC SC-Blank-REG MDLs
Printed: 05/02/14 11:53:28 AM

Method Blank

EPA 8270C - SOLID

Blank Name/QCG: 140425S-95536 - 186466
Batch ID: #SIMS-140425A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/25/14	05/02/14
BLANK	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/25/14	05/02/14
BLANK	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
BLANK	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/25/14	05/02/14
BLANK	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/25/14	05/02/14
BLANK	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/25/14	05/02/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/25/14	05/02/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/25/14	05/02/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/25/14	05/02/14
BLANK	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/25/14	05/02/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/25/14	05/02/14
BLANK	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/25/14	05/02/14
BLANK	FLUORENE	Not detected	5.0	1.00	ug/kg	04/25/14	05/02/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/25/14	05/02/14
BLANK	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
BLANK	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/25/14	05/02/14
BLANK	PYRENE	Not detected	5.0	1.24	ug/kg	04/25/14	05/02/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	57.3	45-105		%	04/25/14	05/02/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	75.6	35-100		%	04/25/14	05/02/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	79.7	30-125		%	04/25/14	05/02/14

Quant Method: SIM.M
Run #: 0501L019
Instrument: Linus
Sequence: L140501
Initials: LF

GC SC-Blank-REG MDLs
Printed: 05/02/14 11:53:28 AM

Laboratory Control Spike Recovery

EPA 8270C - SOLID

APPL ID: 140425S-95536 LCS - 186466

Batch ID: #SIMS-140425A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
2-METHYLNAPHTHALENE	133	64.4	48.4	45-105
ACENAPHTHENE	133	103	77.4	45-110
ACENAPHTHYLENE	133	106	79.7	45-105
ANTHRACENE	133	110	82.7	55-105
BENZ(A)ANTHRACENE	133	118	88.7	50-110
BENZO(A)PYRENE	133	128	96.2	50-110
BENZO(B)FLUORANTHENE	133	115	86.5	45-115
BENZO(G,H,I)PERYLENE	133	113	85.0	40-125
BENZO(K)FLUORANTHENE	133	86.6	65.1	45-125
CHRYSENE	133	104	78.2	55-110
DIBENZ(A,H)ANTHRACENE	133	119	89.5	40-125
FLUORANTHENE	133	150	113	55-115
FLUORENE	133	110	82.7	50-110
INDENO(1,2,3-CD)PYRENE	133	119	89.5	40-120
NAPHTHALENE	133	67.0	50.4	40-105
PHENANTHRENE	133	107	80.5	50-110
PYRENE	133	150	113	45-125
SURROGATE: 2-FLUORBIPHENYL (S)	66.7	45.2	67.8	45-105
SURROGATE: NITROBENZENE-D5 (S)	66.7	37.6	56.4	35-100
SURROGATE: TERPHENYL-D14 (S)	66.7	68.7	103	30-125

Comments: _____

Primary	SPK
Quant Method :	SIM.M
Extraction Date :	04/25/14
Analysis Date :	05/02/14
Instrument :	Linus
Run :	0501L020
Initials :	LF

Printed: 05/02/14 11:53:30 AM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8270C - Water

APPL ID: 140425W-95540 LCS - 186413
Batch ID: #SIM-140425A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
2-METHYLNAPHTHALENE	4.00	3.54	88.5	45-105
ACENAPHTHENE	4.00	3.66	91.5	45-110
ACENAPHTHYLENE	4.00	3.77	94.3	50-105
ANTHRACENE	4.00	3.96	99.0	55-110
BENZ(A)ANTHRACENE	4.00	4.39	110	55-110
BENZO(A)PYRENE	4.00	4.01	100	55-110
BENZO(B)FLUORANTHENE	4.00	3.16	79.0	45-120
BENZO(G,H,I)PERYLENE	4.00	4.15	104	40-125
BENZO(K)FLUORANTHENE	4.00	3.82	95.5	45-125
CHRYSENE	4.00	3.68	92.0	55-110
DIBENZ(A,H)ANTHRACENE	4.00	4.06	101	40-125
FLUORANTHENE	4.00	4.50	113	55-115
FLUORENE	4.00	3.90	97.5	50-110
INDENO(1,2,3-CD)PYRENE	4.00	3.86	96.5	45-125
NAPHTHALENE	4.00	3.59	89.8	40-100
PHENANTHRENE	4.00	3.90	97.5	50-115
PYRENE	4.00	3.71	92.8	50-130
SURROGATE: 2-FLUORBIPHENYL (S)	2.00	1.83	91.5	50-110
SURROGATE: NITROBENZENE-D5 (S)	2.00	1.95	97.5	40-110
SURROGATE: TERPHENYL-D14 (S)	2.00	1.72	86.0	50-135

Comments: _____

Primary	SPK
Quant Method :	SIM.M
Extraction Date :	04/25/14
Analysis Date :	04/30/14
Instrument :	Linus
Run :	0430L005
Initials :	LF

Printed: 05/02/14 11:53:30 AM

APPL Standard LCS

Method Blank **EPA 8260B BTEX Oxy W - UST**

Blank Name/QCG: 140429W-95538 - 186368

Batch ID: #26UW-140429AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/29/14	04/29/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/29/14	04/29/14
BLANK	BENZENE	Not detected	0.4	0.16	ug/L	04/29/14	04/29/14
BLANK	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
BLANK	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/29/14	04/29/14
BLANK	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/29/14	04/29/14
BLANK	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/29/14	04/29/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/29/14	04/29/14
BLANK	TOLUENE	Not detected	1.1	0.17	ug/L	04/29/14	04/29/14
BLANK	XYLENES	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	99.9	75-125		%	04/29/14	04/29/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	102	62-139		%	04/29/14	04/29/14
BLANK	SURROGATE: DIBROMOFLUOROME	104	75-125		%	04/29/14	04/29/14
BLANK	SURROGATE: TOLUENE-D8 (S)	101	75-125		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M08
Instrument: MAX
Sequence: M140428
Initials: DG

GC SC-Blank-REG MDLs
Printed: 05/02/14 11:42:57 AM

Method Blank
EPA 8260B BTEX Oxy W - UST

Blank Name/QCG: **140430W-95540 - 186433**
 Batch ID: #26UW-140430AM

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/30/14	04/30/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/30/14	04/30/14
BLANK	BENZENE	Not detected	0.4	0.16	ug/L	04/30/14	04/30/14
BLANK	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
BLANK	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/30/14	04/30/14
BLANK	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/30/14	04/30/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/30/14	04/30/14
BLANK	TOLUENE	Not detected	1.1	0.17	ug/L	04/30/14	04/30/14
BLANK	XYLENES	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	101	75-125		%	04/30/14	04/30/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	98.7	62-139		%	04/30/14	04/30/14
BLANK	SURROGATE: DIBROMOFLUOROME	103	75-125		%	04/30/14	04/30/14
BLANK	SURROGATE: TOLUENE-D8 (S)	100	75-125		%	04/30/14	04/30/14

Quant Method: MALLW2.M
 Run #: 0430M09
 Instrument: MAX
 Sequence: M140428
 Initials: SV

GC SC-Blank-REG MDLs
 Printed: 05/02/14 11:42:57 AM

Method Blank

EPA 8260B

Blank Name/QCG: 140429W-95538 - 186370

Batch ID: #8260-140429AM

APPL Inc.

908 North Temperance-Avenue

Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/29/14	04/29/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
BLANK	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
BLANK	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/29/14	04/29/14
BLANK	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
BLANK	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
BLANK	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/29/14	04/29/14
BLANK	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
BLANK	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
BLANK	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
BLANK	BROMOFORM	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
BLANK	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/29/14	04/29/14
BLANK	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
BLANK	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
BLANK	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
BLANK	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/29/14	04/29/14
BLANK	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/29/14	04/29/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/29/14	04/29/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
BLANK	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
BLANK	FREON-113	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
BLANK	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/29/14	04/29/14
BLANK	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/29/14	04/29/14
BLANK	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
BLANK	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/29/14	04/29/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	99.9	75-125		%	04/29/14	04/29/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	102	62-139		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M08
Instrument: MAX
Sequence: M140428
Initials: DG

GC SC-Blank-REG MDLs
Printed: 05/02/14 11:43:39 AM

Method Blank
EPA 8260B

Blank Name/QCG: **140429W-95538 - 186370**
Batch ID: #8260-140429AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	104	75-125		%	04/29/14	04/29/14
BLANK	SURROGATE: TOLUENE-D8 (S)	101	75-125		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M08
Instrument: MAX
Sequence: M140428
Initials: DG

GC SC-Blank-REG MDLs
Printed: 05/02/14 11:43:39 AM

Method Blank

EPA 8260B

Blank Name/QCG: 140430W-95540 - 186432

Batch ID: #8260-140430AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/30/14	04/30/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/30/14	04/30/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/30/14	04/30/14
BLANK	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/30/14	04/30/14
BLANK	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/30/14	04/30/14
BLANK	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/30/14	04/30/14
BLANK	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/30/14	04/30/14
BLANK	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/30/14	04/30/14
BLANK	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
BLANK	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
BLANK	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
BLANK	BROMOFORM	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
BLANK	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/30/14	04/30/14
BLANK	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/30/14	04/30/14
BLANK	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
BLANK	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
BLANK	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/30/14	04/30/14
BLANK	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/30/14	04/30/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/30/14	04/30/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
BLANK	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/30/14	04/30/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/30/14	04/30/14
BLANK	FREON-113	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
BLANK	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/30/14	04/30/14
BLANK	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/30/14	04/30/14
BLANK	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/30/14	04/30/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/30/14	04/30/14
BLANK	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/30/14	04/30/14
BLANK	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/30/14	04/30/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	101	70-125		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M09
Instrument: MAX
Sequence: M140428
Initials: SV

GC SC-Blank-REG MDLs
Printed: 05/02/14 11:43:39 AM

Method Blank
EPA 8260B

Blank Name/QCG: **140430W-95540 - 186432**
Batch ID: #8260-140430AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: 4-BROMOFLUOROBEN	98.7	72-133		%	04/30/14	04/30/14
BLANK	SURROGATE: DIBROMOFLUOROME	103	78-125		%	04/30/14	04/30/14
BLANK	SURROGATE: TOLUENE-D8 (S)	100	73-124		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M09
Instrument: MAX
Sequence: M140428
Initials: SV

GC SC-Blank-REG MDLs
Printed: 05/02/14 11:43:39 AM

Method Blank
EPA 8260B BTEX Oxy S - UST

Blank Name/QCG: **140424S-95536 - 186377**
 Batch ID: #26US-140424AT

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/24/14	04/24/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/24/14	04/24/14
BLANK	BENZENE	Not detected	5.0	0.63	ug/Kg	04/24/14	04/24/14
BLANK	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/24/14	04/24/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/24/14	04/24/14
BLANK	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/24/14	04/24/14
BLANK	MTBE	Not detected	5.0	1.50	ug/Kg	04/24/14	04/24/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/24/14	04/24/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/24/14	04/24/14
BLANK	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/24/14	04/24/14
BLANK	XYLENES	Not detected	5.0	0.68	ug/Kg	04/24/14	04/24/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	100	52-149		%	04/24/14	04/24/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	101	65-135		%	04/24/14	04/24/14
BLANK	SURROGATE: DIBROMOFLUOROME	101	65-135		%	04/24/14	04/24/14
BLANK	SURROGATE: TOLUENE-D8 (S)	99.6	65-135		%	04/24/14	04/24/14

Quant Method: TALLS.M
 Run #: 0424T21
 Instrument: Thor
 Sequence: T140424
 Initials: DG

GC SC-Blank-REG MDLs
 Printed: 05/02/14 11:42:57 AM

Method Blank

EPA 8260B SOIL

Blank Name/QCG: 140424S-95592 - 186379
Batch ID: #8260S-140424AT1

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/24/14	04/24/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/24/14	04/24/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/24/14	04/24/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/24/14	04/24/14
BLANK	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/24/14	04/24/14
BLANK	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/24/14	04/24/14
BLANK	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/24/14	04/24/14
BLANK	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/24/14	04/24/14
BLANK	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/24/14	04/24/14
BLANK	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/24/14	04/24/14
BLANK	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/24/14	04/24/14
BLANK	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/24/14	04/24/14
BLANK	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/24/14	04/24/14
BLANK	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/24/14	04/24/14
BLANK	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/24/14	04/24/14
BLANK	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/24/14	04/24/14
BLANK	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/24/14	04/24/14
BLANK	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/24/14	04/24/14
BLANK	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/24/14	04/24/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/24/14	04/24/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/24/14	04/24/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/24/14	04/24/14
BLANK	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/24/14	04/24/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/24/14	04/24/14
BLANK	FREON 113	Not detected	10.0	0.83	ug/Kg	04/24/14	04/24/14
BLANK	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/24/14	04/24/14
BLANK	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/24/14	04/24/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/24/14	04/24/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/24/14	04/24/14
BLANK	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/24/14	04/24/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/24/14	04/24/14
BLANK	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/24/14	04/24/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	100	59-120		%	04/24/14	04/24/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	101	82-121		%	04/24/14	04/24/14

Quant Method: TALLS.M
Run #: 0424T21
Instrument: Thor
Sequence: T140424
Initials: DG

GC SC-Blank-REG MDLs
Printed: 05/02/14 11:43:39 AM

Method Blank
EPA 8260B SOIL

Blank Name/QCG: **140424S-95592 - 186379**
Batch ID: #8260S-140424AT1

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	101	74-122		%	04/24/14	04/24/14
BLANK	SURROGATE: TOLUENE-D8 (S)	99.6	71-127		%	04/24/14	04/24/14

Quant Method: TALLS.M
Run #: 0424T21
Instrument: Thor
Sequence: T140424
Initials: DG

GC SC-Blank-REG MDLs
Printed: 05/02/14 11:43:39 AM

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy S - UST

APPL ID: 140424S-95536 LCS - 186377

Batch ID: #26US-140424AT

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	50.0	49.4	98.8	75-123
1,2-ETHYLENE DIBROMIDE	50.0	52.2	104	85-123
BENZENE	50.0	45.4	90.8	81-123
DI-ISOPROPYL ETHER	50.0	48.9	97.8	94-114
ETHYL-TERT-BUTYL ETHER	50.0	50.6	101	90-126
ETHYLBENZENE	50.0	44.8	89.6	78-127
MTBE	50.0	52.4	105	65-135
TERT-AMYL METHYL ETHER	50.0	53.5	107	50-150
TERT-BUTYL ALCOHOL	250	252	101	65-135
TOLUENE	50.0	46.0	92.0	82-125
XYLENES	150	139	92.7	76-134
SURROGATE: 1,2-DICHLOROETHANE-	62.1	58.7	94.5	52-149
SURROGATE: 4-BROMOFLUOROBENZ	57.5	64.1	111	65-135
SURROGATE: DIBROMOFLUOROMETH	69.4	65.9	94.9	65-135
SURROGATE: TOLUENE-D8 (S)	71.5	71.7	100	65-135

Comments: _____

Primary	SPK
Quant Method :	TALLS.M
Extraction Date :	04/24/14
Analysis Date :	04/24/14
Instrument :	Thor
Run :	0424T17
Initials :	DG

Printed: 05/02/14 11:43:00 AM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B SOIL

APPL ID: 140424S-95592 LCS - 186379

Batch ID: #8260S-140424AT1

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	50.0	47.6	95.2	62-125
1,1,1-TRICHLOROETHANE	50.0	42.6	85.2	65-135
1,1,2,2-TETRACHLOROETHANE	50.0	51.0	102	64-135
1,1,2-TRICHLOROETHANE	50.0	53.0	106	65-135
1,1-DICHLOROETHANE	50.0	45.6	91.2	62-135
1,1-DICHLOROETHENE	50.0	41.4	82.8	65-135
1,2-DICHLOROBENZENE	50.0	47.5	95.0	65-125
1,2-DICHLOROPROPANE	50.0	48.8	97.6	65-125
1,3-DICHLOROBENZENE	50.0	45.5	91.0	65-135
1,4-DICHLOROBENZENE	50.0	45.6	91.2	65-135
BROMOBENZENE	50.0	47.5	95.0	55-130
BROMODICHLOROMETHANE	50.0	51.0	102	60-135
BROMOFORM	50.0	53.4	107	45-150
BROMOMETHANE	50.0	49.1	98.2	10-180
CARBON TETRACHLORIDE	50.0	42.5	85.0	55-145
CHLOROBENZENE	50.0	46.4	92.8	65-130
CHLOROETHANE	50.0	42.4	84.8	20-175
CHLOROFORM	50.0	41.7	83.4	65-135
CHLOROMETHANE	50.0	39.9	79.8	40-140
CIS-1,2-DICHLOROETHENE	50.0	46.1	92.2	55-135
CIS-1,3-DICHLOROPROPENE	50.0	50.3	101	65-135
DIBROMOCHLOROMETHANE	50.0	50.4	101	63-135
DIBROMOMETHANE	50.0	51.5	103	65-135
DICHLORODIFLUOROMETHANE	50.0	40.0	80.0	15-155
FREON 113	50.0	39.8	79.6	71-135
METHYLENE CHLORIDE	50.0	46.4	92.8	40-155
TRANS-1,2-DICHLOROETHENE	50.0	42.7	85.4	55-145
TRANS-1,3-DICHLOROPROPENE	50.0	52.8	106	55-140
TRICHLOROETHENE	50.0	42.2	84.4	70-130
TRICHLOROFLUOROMETHANE	50.0	40.7	81.4	10-215
VINYL CHLORIDE	50.0	41.3	82.6	45-140

Comments:

Primary	SPK
Quant Method :	TALLS.M
Extraction Date :	04/24/14
Analysis Date :	04/24/14
Instrument :	Thor
Run :	0424T17
Initials :	DG

Printed: 05/02/14 11:43:42 AM

APPL Standard LCS

Laboratory Control Spike Recovery
EPA 8260B SOIL

APPL ID: 140424S-95592 LCS - 186379

Batch ID: #8260S-140424AT1

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
SURROGATE: 1,2-DICHLOROETHANE-	62.1	58.7	94.5	59-120
SURROGATE: 4-BROMOFLUOROBENZ	57.5	64.1	111	82-121
SURROGATE: DIBROMOFLUOROMETH	69.4	65.9	94.9	74-122
SURROGATE: TOLUENE-D8 (S)	71.5	71.7	100	71-127

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	TALLS.M
Extraction Date :	04/24/14
Analysis Date :	04/24/14
Instrument :	Thor
Run :	0424T17
Initials :	DG

Printed: 05/02/14 11:43:43 AM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy W - UST

APPL ID: 140429W-95538 LCS - 186368

Batch ID: #26UW-140429AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	10.00	10.3	103	68-127
1,2-ETHYLENE DIBROMIDE	10.00	10.3	103	70-130
BENZENE	10.00	10.2	102	75-125
DI-ISOPROPYL ETHER	10.00	10.3	103	70-130
ETHYL-TERT-BUTYL ETHER	10.00	10.1	101	70-130
ETHYLBENZENE	10.00	10.1	101	75-125
METHYL TERT-BUTYL ETHER	10.00	10.1	101	70-130
NAPHTHALENE	10.00	8.93	89.3	55-140
TERT-AMYL METHYL ETHER	10.00	10.0	100	70-130
TERT-BUTYL ALCOHOL	125	120	96.0	49-167
TOLUENE	10.00	10.1	101	74-125
XYLENES	30.0	30.0	100	70-130
SURROGATE: 1,2-DICHLOROETHANE-	22.4	23.1	103	75-125
SURROGATE: 4-BROMOFLUOROBENZ	21.0	21.7	103	62-139
SURROGATE: DIBROMOFLUOROMETH	21.2	22.8	108	75-125
SURROGATE: TOLUENE-D8 (S)	22.2	22.8	103	75-125

Comments: _____

Primary	SPK
Quant Method :	MALLW2.M
Extraction Date :	04/29/14
Analysis Date :	04/29/14
Instrument :	MAX
Run :	0429M03
Initials :	DG

Printed: 05/02/14 11:43:00 AM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140429W-95538 LCS - 186370

Batch ID: #8260-140429AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	10.00	10.2	102	73-124
1,1,1-TRICHLOROETHANE	10.00	9.92	99.2	67-125
1,1,2,2-TETRACHLOROETHANE	10.00	10.3	103	71-127
1,1,2-TRICHLOROETHANE	10.00	9.73	97.3	74-121
1,1-DICHLOROETHANE	10.00	10.3	103	62-132
1,1-DICHLOROETHENE	10.00	9.99	99.9	70-125
1,2-DICHLOROBENZENE	10.00	10.3	103	70-129
1,2-DICHLOROPROPANE	10.00	10.0	100	77-125
1,3-DICHLOROBENZENE	10.00	10.3	103	69-129
1,4-DICHLOROBENZENE	10.00	10.1	101	71-126
BROMOBENZENE	10.00	10.3	103	65-130
BROMODICHLOROMETHANE	10.00	10.2	102	69-124
BROMOFORM	10.00	9.75	97.5	67-125
BROMOMETHANE	10.00	8.98	89.8	71-131
CARBON TETRACHLORIDE	10.00	10.1	101	70-122
CHLOROBENZENE	10.00	9.97	99.7	72-125
CHLOROETHANE	10.00	9.88	98.8	78-125
CHLOROFORM	10.00	10.1	101	69-122
CHLOROMETHANE	10.00	9.19	91.9	71-124
CIS-1,2-DICHLOROETHENE	10.00	10.2	102	72-123
CIS-1,3-DICHLOROPROPENE	10.00	10.1	101	70-125
DIBROMOCHLOROMETHANE	10.00	10.2	102	70-125
DIBROMOMETHANE	10.00	10.2	102	66-126
DICHLORODIFLUOROMETHANE	10.00	9.01	90.1	68-131
FREON-113	10.00	9.28	92.8	74-138
METHYLENE CHLORIDE	10.00	9.73	97.3	78-118
TETRACHLOROETHENE	10.00	10.1	101	62-136
TRANS-1,2-DICHLOROETHENE	10.00	10.3	103	68-126
TRANS-1,3-DICHLOROPROPENE	10.00	10.1	101	62-127
TRICHLOROETHENE	10.00	9.93	99.3	70-128
TRICHLOROFLUOROMETHANE	10.00	9.54	95.4	66-132

Comments:

Primary	SPK
Quant Method :	MALLW2.M
Extraction Date :	04/29/14
Analysis Date :	04/29/14
Instrument :	MAX
Run :	0429M03
Initials :	DG

Printed: 05/02/14 11:43:43 AM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140429W-95538 LCS - 186370
Batch ID: #8260-140429AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	10.00	9.21	92.1	79-138
SURROGATE: 1,2-DICHLOROETHANE-	22.4	23.1	103	70-125
SURROGATE: 4-BROMOFLUOROBENZ	21.0	21.7	103	72-133
SURROGATE: DIBROMOFLUOROMETH	21.2	22.8	108	78-125
SURROGATE: TOLUENE-D8 (S)	22.2	22.8	103	73-124

Comments: _____

Primary	SPK
Quant Method :	MALLW2.M
Extraction Date :	04/29/14
Analysis Date :	04/29/14
Instrument :	MAX
Run :	0429M03
Initials :	DG

Printed: 05/02/14 11:43:43 AM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy W - UST

APPL ID: 140430W-95540 LCS - 186433
Batch ID: #26UW-140430AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	10.00	10.5	105	68-127
1,2-ETHYLENE DIBROMIDE	10.00	10.0	100	70-130
BENZENE	10.00	9.97	99.7	75-125
DI-ISOPROPYL ETHER	10.00	10.4	104	70-130
ETHYL-TERT-BUTYL ETHER	10.00	10.2	102	70-130
ETHYLBENZENE	10.00	10.0	100	75-125
METHYL TERT-BUTYL ETHER	10.00	9.92	99.2	70-130
TERT-AMYL METHYL ETHER	10.00	9.92	99.2	70-130
TERT-BUTYL ALCOHOL	125	117	93.6	49-167
TOLUENE	10.00	9.99	99.9	74-125
XYLENES	30.0	29.7	99.0	70-130
SURROGATE: 1,2-DICHLOROETHANE-	22.4	22.4	100	75-125
SURROGATE: 4-BROMOFLUOROBENZ	21.0	21.2	101	62-139
SURROGATE: DIBROMOFLUOROMETH	21.2	22.0	104	75-125
SURROGATE: TOLUENE-D8 (S)	22.2	21.7	97.7	75-125

Comments: _____

Primary	SPK
Quant Method :	MALLW2.M
Extraction Date :	04/30/14
Analysis Date :	04/30/14
Instrument :	MAX
Run :	0430M05
Initials :	SV

Printed: 05/02/14 11:43:00 AM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140430W-95540 LCS - 186432
Batch ID: #8260-140430AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	10.00	9.70	97.0	73-124
1,1,1-TRICHLOROETHANE	10.00	10.0	100	67-125
1,1,2,2-TETRACHLOROETHANE	10.00	10.2	102	71-127
1,1,2-TRICHLOROETHANE	10.00	9.88	98.8	74-121
1,1-DICHLOROETHANE	10.00	10.4	104	62-132
1,1-DICHLOROETHENE	10.00	9.93	99.3	70-125
1,2-DICHLOROBENZENE	10.00	10.0	100	70-129
1,2-DICHLOROPROPANE	10.00	10.2	102	77-125
1,3-DICHLOROBENZENE	10.00	10.0	100	69-129
1,4-DICHLOROBENZENE	10.00	9.85	98.5	71-126
BROMOBENZENE	10.00	10.1	101	65-130
BROMODICHLOROMETHANE	10.00	10.2	102	69-124
BROMOFORM	10.00	9.34	93.4	67-125
BROMOMETHANE	10.00	10.8	108	71-131
CARBON TETRACHLORIDE	10.00	10.3	103	70-122
CHLOROBENZENE	10.00	9.85	98.5	72-125
CHLOROETHANE	10.00	10.3	103	78-125
CHLOROFORM	10.00	10.3	103	69-122
CHLOROMETHANE	10.00	10.1	101	71-124
CIS-1,2-DICHLOROETHENE	10.00	10.1	101	72-123
CIS-1,3-DICHLOROPROPENE	10.00	10.1	101	70-125
DIBROMOCHLOROMETHANE	10.00	9.98	99.8	70-125
DIBROMOMETHANE	10.00	9.74	97.4	66-126
DICHLORODIFLUOROMETHANE	10.00	10.3	103	68-131
FREON-113	10.00	9.95	99.5	74-138
METHYLENE CHLORIDE	10.00	9.55	95.5	78-118
NAPHTHALENE	10.00	8.88	88.8	55-140
TETRACHLOROETHENE	10.00	9.87	98.7	62-136
TRANS-1,2-DICHLOROETHENE	10.00	10.1	101	68-126
TRANS-1,3-DICHLOROPROPENE	10.00	9.97	99.7	62-127
TRICHLOROETHENE	10.00	10.0	100	70-128

Comments: _____

Primary	SPK
Quant Method :	MALLW2.M
Extraction Date :	04/30/14
Analysis Date :	04/30/14
Instrument :	MAX
Run :	0430M05
Initials :	SV

Printed: 05/02/14 11:43:43 AM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140430W-95540 LCS - 186432
 Batch ID: #8260-140430AM

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
TRICHLOROFLUOROMETHANE	10.00	10.7	107	66-132
VINYL CHLORIDE	10.00	10.2	102	79-138
SURROGATE: 1,2-DICHLOROETHANE-	22.4	22.4	100	70-125
SURROGATE: 4-BROMOFLUOROBENZ	21.0	21.2	101	72-133
SURROGATE: DIBROMOFLUOROMETH	21.2	22.0	104	78-125
SURROGATE: TOLUENE-D8 (S)	22.2	21.7	97.7	73-124

Comments: _____

Primary	SPK
Quant Method :	MALLW2.M
Extraction Date :	04/30/14
Analysis Date :	04/30/14
Instrument :	MAX
Run :	0430M05
Initials :	SV

Printed: 05/02/14 11:43:43 AM
 APPL Standard LCS

Method Blank
Gas-Water

Blank Name/QCG: **140424W-95540 - 186257**
Batch ID: #GAS-140424A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	GASOLINE	Not detected	20.0	8.60	ug/L	4/24/14	4/24/14
BLANK	SURROGATE: BFB-FID (S)	105	70-130		%	4/24/14	4/24/14

Quant Method: HGAS.M
Run #: 0424H05
Instrument: Harpo
Sequence: 131015
Initials: LF

GC SC-Blank-REG MDLs
Printed: 4/25/14 10:25:59 AM

Method Blank
Gas analysis-soil

Blank Name/QCG: **140424S-95536 - 186258**
Batch ID: #GASS-140424A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	GASOLINE	Not detected	1000	340.0	ug/Kg	4/24/14	4/24/14
BLANK	SURROGATE: BFB-FID (S)	98.8	76-131		%	4/24/14	4/24/14

Quant Method: HGAS.M
Run #: 0424H16
Instrument: Harpo
Sequence: 131015
Initials: LF

GC SC-Blank-REG MDLs
Printed: 4/25/14 10:25:59 AM

Laboratory Control Spike Recoveries

Gas analysis-soil

APPL ID: 140424S-95536 LCS - 186258

Batch ID: #GASS-140424A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Lvl ug/Kg	SPK Result ug/Kg	DUP Result ug/Kg	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
GASOLINE	15000	13700	14400	91.3	96.0	37-150	5.0	25
SURROGATE: BFB-FID (S)	30.0	29.7	30.3	99.0	101	76-131		

Comments: _____

<u>Primary</u>	<u>SPK</u>	<u>DUP</u>
Quant Method :	HGAS.M	HGAS.M
Extraction Date :	4/24/14	4/24/14
Analysis Date :	4/24/14	4/24/14
Instrument :	Harpo	Harpo
Run :	0424H14	0424H15
Initials :	LF	

Laboratory Control Spike Recoveries

Gas-Water

APPL ID: 140424W-95540 LCS - 186257
 Batch ID: #GAS-140424A

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
GASOLINE	300	319	302	106	101	73-120	5.5	25
SURROGATE: BFB-FID (S)	30.0	32.5	32.9	108	110	70-130		

Comments: _____

<u>Primary</u>	<u>SPK</u>	<u>DUP</u>
Quant Method :	HGAS.M	HGAS.M
Extraction Date :	4/24/14	4/24/14
Analysis Date :	4/24/14	4/24/14
Instrument :	Harpo	Harpo
Run :	0424H03	0424H04
Initials :	LF	

METALS BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date	QC Group
6020	LEAD (PB)	Not detected	0.1	0.02	mg/Kg	05/01/14	05/09/14	#6020S-C140501-AY95641
6020	LEAD (PB)	Not detected	0.2	0.11	ug/L	05/02/14	05/08/14	#6020-140502A-AY95540

Metals SC-Blank-REG MDLs
Printed: 05/12/14 9:02:00 AM

Laboratory Control Spike Recovery

METALS

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/Kg	SPK Result mg/Kg	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
6020	LEAD (PB)	25.0	24.1	96.4	80-120	05/01/14	05/09/14	#6020S-C140501-AY95641

Comments: _____

Laboratory Control Spike Recovery

METALS

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
6020	LEAD (PB)	50.0	46.8	93.6	80-120	05/02/14	05/08/14	#6020-140502A-AY95540

Comments: _____



APPL, Inc.
908 N Temperance Ave
Clovis, CA 93611

73206
CHAIN OF CUSTODY RECORD
Phone: (559) 275-2175
Fax: (559) 275-4422

Report to: PLEASE PRINT

Company Name: URS Corporation
Address: 30 River Park Place West #180
Freem, CA 93720
Attn: Frank Begunle

Phone: 559 256 1468
Fax: 559 256 1479

C.O.C. 45110

PLEASE PRINT

Invoice to: _____
Company Name: Same Phone: _____
Address: _____ Fax: _____
Attn: _____

Project Name/Number	Sampler (Print)	Sampler (Signature)	Location	Date Collected	Time Collected	Time Zone	Matrix			Analysis Requested/Method Number	Date Shipped:
							No. of Containers	Aq	Soil		
Phase II EPA-655 G	Tim Leander			4/24/14	1040	AL					
18715311.40000				4/21/14	1300	85					
SB-2 @ 110'				4/21/14	1630	3					
HP-2 @ 50'						1					
Equip Blank											
Trip Blank											
HP-2 @ 115'				4/22/14	0930	8					
Shuttle Temperature: _____											
Turnaround Requested: ☒ Standard 2-3 wk ☐ One week ☐ 24/48 Hrs. ☐ Other											
Relinquished by sample: _____ Received by: _____											
Relinquished by: _____ Received by: _____											
White: Return to client with report											
Yellow: Laboratory Copy											
Pink: Sampler											

See reverse side for Container Preserving and Sampling Information



73206 2.0°C
 CHAIN OF CUSTODY RECORD
 Phone: (559) 275-2175
 Fax: (559) 275-4422
 45110

**APPL, Inc.
908 N Temperance Ave
Clovis, CA 93611**

Report to: **PLEASE PRINT**

Company Name: URS Corporation
Address: 30 River Park Place West #180
Fresno, CA 93720
Attn: Frank Gerardo

Invoice to: **PLEASE PRINT**

Company Name: Same Phone: _____
Address: _____ Fax: _____
Attn: _____

[illegible]

White: Return to client with report

Yellow: Laboratory Copy

Pink: Sampler

See reverse side for Container Preservation and Sampling Information



908 North Temperance Ave. ▽ Clovis, CA 93611 ▽ Phone 559-275-2175 ▽ Fax 559-275-4422

Certification Number: CA1312 (DW & WW)
NELAP Certification number: CA00046 (HW)

May 12, 2014

URS Corporation
30 River Park Place West, #180
Fresno, California 93720

Attn: Frank Gegunde

Subject: Report of Data: Case 73222

Results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dear Mr. Gegunde:

The sample group for project "18715311.40000 Phase II ESA-655 G St." was received April 23, 2014, in good condition. The VOC analyte list was revised and TPH-Diesel and Motor Oil analysis was added, as requested on April 25, 2014. Additionally the sediment volume for sample HP-1@118' was analyzed for PAHs. Written results are being provided on this May 12, 2014, for the requested analyses. All holding times were met.

For the EPA 8015B TPH-Diesel and Motor Oil analysis, the sample was extracted according to EPA method 3550B. There was insufficient volume to add TPH-Diesel and Motor oil to the aqueous sample.

For the EPA 8270C-SIM analysis, the soil samples were extracted according to EPA method 3550B and the water sample was extracted according to EPA method 3510C

For the EPA 8260B analysis, the soil sample was purged according to the EPA method 5035, and the water samples were purged according to EPA method 5030B.

For the EPA 8015B TPH-Gas analysis, the soil sample was prepared according to EPA 5035 and purged according to EPA method 5030B. The water sample was purged according to EPA method 5030B.

For the EPA 6020 analysis, the soil sample was digested according to EPA method 3050B and the water sample was digested according to EPA method 3015.

No other unusual problem or complication was encountered with this sample set.

If you have any questions or require further information, please contact us at your convenience. Thank you for choosing APPL, Inc.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. These test results meet all requirements of NELAC. Release of the hard copy has been authorized by the Laboratory Manager or her designee, as verified by the following signature.



Sharon Dehmlow, Laboratory Director
APPL, Inc.

SD/ab
Enclosure
cc: File

Number of pages in this report_____

TPH Diesel Soil EPA 8015B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-1@15'

Sample Collection Date: 4/22/2014

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73222

APPL ID: AY95592

QCG: #TPHDS-140430A-186428

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	6100 ++	1000	646.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	MOTOR OIL	13000	10000	3510.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	132	47-140		%	04/30/14	05/01/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	99.1	58-128		%	04/30/14	05/01/14

++(T3M) The analyst has noted that the chromatogram of this sample is mainly higher boiling hydrocarbons.

Quant Method: TPH14S30.M
Run #: 430036
Instrument: Apollo
Sequence: 140430
Dilution Factor: 1
Initials: LA

Printed: 5/1/2014 2:06:00 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-1@15'

Sample Collection Date: 04/22/14

ARF: 73222

APPL ID: AY95592

QCG: #SIMS-140425A-186466

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/25/14	05/02/14
8270C-SIM	CHRYSENE	1.1 J	5.0	0.85	ug/kg	04/25/14	05/02/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORANTHENE	2.6 J	5.0	1.20	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/25/14	05/02/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/25/14	05/02/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	PHENANTHRENE	1.5 J	5.0	1.10	ug/kg	04/25/14	05/02/14
8270C-SIM	PYRENE	2.0 J	5.0	1.24	ug/kg	04/25/14	05/02/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	67.5	45-105		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	44.5	35-100		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	85.3	30-125		%	04/25/14	05/02/14

J = Estimated value.

Quant Method: SIM.M
Run #: 0501L031
Instrument: Linus
Sequence: L140501
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 12:09:34 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - Water

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-1@118'

Sample Collection Date: 04/23/14

ARF: 73222

APPL ID: AY95593

QCG: #SIM-140429A-186465

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
8270C-SIM	ACENAPHTHENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
8270C-SIM	ACENAPHTHYLENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
8270C-SIM	ANTHRACENE	Not detected	0.2	0.05	ug/L	04/29/14	05/01/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
8270C-SIM	BENZO(A)PYRENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	0.2	0.08	ug/L	04/29/14	05/01/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
8270C-SIM	CHRYSENE	Not detected	0.2	0.05	ug/L	04/29/14	05/01/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	0.2	0.05	ug/L	04/29/14	05/01/14
8270C-SIM	FLUORANTHENE	Not detected	0.2	0.08	ug/L	04/29/14	05/01/14
8270C-SIM	FLUORENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
8270C-SIM	NAPHTHALENE	Not detected	0.2	0.05	ug/L	04/29/14	05/01/14
8270C-SIM	PHENANTHRENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
8270C-SIM	PYRENE	Not detected	0.2	0.08	ug/L	04/29/14	05/01/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	67.8	50-110		%	04/29/14	05/01/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	59.6	40-110		%	04/29/14	05/01/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	73.1	50-135		%	04/29/14	05/01/14

Quant Method: SIM.M
Run #: 0501L016
Instrument: Linus
Sequence: L140501
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 12:09:34 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-1@118' soil

Sample Collection Date: 04/23/14

ARF: 73222

APPL ID: AY95768

QCG: #SIMS-140430A-186462

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/30/14	05/01/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/30/14	05/01/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/30/14	05/01/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/30/14	05/01/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/30/14	05/01/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/30/14	05/01/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/30/14	05/01/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/30/14	05/01/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/30/14	05/01/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/30/14	05/01/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/30/14	05/01/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/30/14	05/01/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/30/14	05/01/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/30/14	05/01/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/30/14	05/01/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/30/14	05/01/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/30/14	05/01/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	47.7	45-105		%	04/30/14	05/01/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	47.0	35-100		%	04/30/14	05/01/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	68.7	30-125		%	04/30/14	05/01/14

Quant Method: SIM.M
Run #: 0501Y015
Instrument: YODA
Sequence: Y140501P
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 12:09:34 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-1@15'

Sample Collection Date: 04/22/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73222

APPL ID: AY95592

QCG: #26US-140424AT-186377

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/24/14	04/24/14
EPA 8260B	BENZENE	Not detected	5.0	0.63	ug/Kg	04/24/14	04/24/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/24/14	04/24/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/24/14	04/24/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/24/14	04/24/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/24/14	04/24/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/24/14	04/24/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/24/14	04/24/14
EPA 8260B	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/24/14	04/24/14
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	04/24/14	04/24/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	106	52-149		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	103	65-135		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	101	65-135		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.5	65-135		%	04/24/14	04/24/14

Quant Method: TALLS.M
Run #: 0424T38
Instrument: Thor
Sequence: T140424
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:12:31 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-1@15'

Sample Collection Date: 04/22/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73222

APPL ID: AY95592

QCG: #8260S-140424AT1-186379

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/24/14	04/24/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/24/14	04/24/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/24/14	04/24/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/24/14	04/24/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/24/14	04/24/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/24/14	04/24/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/24/14	04/24/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/24/14	04/24/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/24/14	04/24/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/24/14	04/24/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/24/14	04/24/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/24/14	04/24/14
EPA 8260B	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/24/14	04/24/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/24/14	04/24/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/24/14	04/24/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	106	59-120		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	103	82-121		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	101	74-122		%	04/24/14	04/24/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.5	71-127		%	04/24/14	04/24/14

Quant Method: TALLS.M
Run #: 0424T38
Instrument: Thor
Sequence: T140424
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:13:14 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-1@118'

Sample Collection Date: 04/23/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73222

APPL ID: AY95593

QCG: #26UW-140430AM-186433

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	0.60	0.6	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/30/14	04/30/14
EPA 8260B	BENZENE	Not detected	0.4	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/30/14	04/30/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/30/14	04/30/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/30/14	04/30/14
EPA 8260B	TOLUENE	0.36 J	1.1	0.17	ug/L	04/30/14	04/30/14
EPA 8260B	XYLENES	1.3	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	99.3	75-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	98.4	62-139		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	102	75-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	95.8	75-125		%	04/30/14	04/30/14

J = Estimated value.

Quant Method: MALLW2.M
Run #: 0430M15
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: SV

Printed: 05/02/14 11:12:31 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-1@118'

Sample Collection Date: 04/23/14

ARF: 73222

APPL ID: AY95593

QCG: #8260-140430AM-186432

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/30/14	04/30/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/30/14	04/30/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/30/14	04/30/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/30/14	04/30/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/30/14	04/30/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/30/14	04/30/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/30/14	04/30/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/30/14	04/30/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/30/14	04/30/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/30/14	04/30/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/30/14	04/30/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/30/14	04/30/14
EPA 8260B	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/30/14	04/30/14
EPA 8260B	TETRACHLOROETHENE	91	0.5	0.24	ug/L	04/30/14	04/30/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/30/14	04/30/14
EPA 8260B	TRICHLOROETHENE	0.65	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/30/14	04/30/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/30/14	04/30/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	99.3	70-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	98.4	72-133		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	102	78-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	95.8	73-124		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M15
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: SV

Printed: 05/02/14 11:13:15 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: Equip Blank

Sample Collection Date: 04/23/14

ARF: 73222

APPL ID: AY95594

QCG: #26UW-140429AM-186368

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	BENZENE	Not detected	0.4	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/29/14	04/29/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/29/14	04/29/14
EPA 8260B	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/29/14	04/29/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/29/14	04/29/14
EPA 8260B	TOLUENE	Not detected	1.1	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	99.3	75-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	96.7	62-139		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	101	75-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.8	75-125		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M12
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:44:31 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: Equip Blank

Sample Collection Date: 04/23/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73222

APPL ID: AY95594

QCG: #8260-140429AM-186370

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/29/14	04/29/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/29/14	04/29/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/29/14	04/29/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/29/14	04/29/14
EPA 8260B	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/29/14	04/29/14
EPA 8260B	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/29/14	04/29/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	99.3	70-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	96.7	72-133		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	101	78-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.8	73-124		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M12
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:38:11 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: Trip Blank

Sample Collection Date: 04/23/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73222

APPL ID: AY95595

QCG: #26UW-140429AM-186368

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	BENZENE	Not detected	0.4	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/29/14	04/29/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/29/14	04/29/14
EPA 8260B	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/29/14	04/29/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/29/14	04/29/14
EPA 8260B	TOLUENE	Not detected	1.1	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	98.8	75-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	98.0	62-139		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	102	75-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	99.8	75-125		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M09
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:44:31 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: Trip Blank

Sample Collection Date: 04/23/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73222

APPL ID: AY95595

QCG: #8260-140429AM-186370

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/29/14	04/29/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/29/14	04/29/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/29/14	04/29/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/29/14	04/29/14
EPA 8260B	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/29/14	04/29/14
EPA 8260B	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/29/14	04/29/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	98.8	70-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	98.0	72-133		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	102	78-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	99.8	73-124		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M09
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: DG

Printed: 05/02/14 11:38:11 AM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-1@15'

Sample Collection Date: 4/22/14

ARF: 73222

APPL ID: AY95592

QCG: #GASS-140424A-186258

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	04/25/14	04/25/14
EPA 8015	SURROGATE: BFB-FID (S)	87.3	76-131		%	04/25/14	04/25/14

Quant Method: HGAS.M
Run #: 0424H20
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 4/25/14 10:30:35 AM
APPL-F1-SC-NoMC-REG MDLs

Gas-Water

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St 18715311.40000

Sample ID: HP-1@118'

Sample Collection Date: 4/23/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73222

APPL ID: AY95593

QCG: #GAS-140424A-186257

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8015	GASOLINE	40 ++	20.0	8.60	ug/L	04/24/14	04/24/14
8015	SURROGATE: BFB-FID (S)	91.8	70-130		%	04/24/14	04/24/14

++(G5) The analyst has noted that the chromatogram of this sample is mainly a dominant peak(s) which is not indicative of petroleum hydrocarbons.

Quant Method: HGAS.M
Run #: 0424H11
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 4/25/14 10:30:35 AM
APPL-F1-SC-NoMC-REG MDLs

Metals Results

ARF: 73222

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Method	Analyte	Result	RL	MDL	Units	DF	Prep Date	Analysis Date
APPL ID: AY95592		-Client Sample ID: HP-1@15'		-Sample Collection Date: 04/22/14		Project: Phase II ESA - 655 G St		
6020	LEAD (PB)	1.4	0.1	0.02	mg/Kg	1	05/01/14	05/09/14
APPL ID: AY95593		-Client Sample ID: HP-1@118'		-Sample Collection Date: 04/23/14		Project: Phase II ESA - 655 G St		
6020	LEAD (PB)	1.5	0.2	0.11	ug/L	1	05/02/14	05/08/14

Printed: 05/12/14 9:08:11 AM

APPL-F1-SC-NoMC-REG MDLs

Method Blank
TPH Diesel Soil EPA 8015B

Blank Name/QCG: **140430S-95536 - 186428**
Batch ID: #TPHDS-140430A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	DIESEL FUEL	Not detected	1000	646.0	ug/kg	4/30/2014	5/1/2014
BLANK	MOTOR OIL	Not detected	10000	3510.0	ug/kg	4/30/2014	5/1/2014
BLANK	SURROGATE: OCTACOSANE (S)	101	47-140		%	4/30/2014	5/1/2014
BLANK	SURROGATE: ORTHO-TERPHENYL (	95.4	58-128		%	4/30/2014	5/1/2014

Quant Method:TPH14S30.M
Run #: 430030
Instrument: Apollo
Sequence: 140430
Initials: LA

GC SC-Blank-REG MDLs
Printed: 5/1/2014 2:06:03 PM

Laboratory Control Spike Recovery
TPH Diesel Soil EPA 8015B

APPL ID: 140430S-95536 LCS - 186428

Batch ID: #TPHDS-140430A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
DIESEL FUEL	40000	34900	87.3	64-122
MOTOR OIL	40000	31500	78.8	50-150
SURROGATE: OCTACOSANE (S)	3000	3080	103	47-140
SURROGATE: ORTHO-TERPHENYL (S)	3000	3410	114	58-128

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	TPH14S30.M
Extraction Date :	4/30/2014
Analysis Date :	5/1/2014
Instrument :	Apollo
Run :	430031
Initials :	LA

Printed: 5/1/2014 2:05:57 PM

APPL Standard LCS

Method Blank

EPA 8270C - SOLID

Blank Name/QCG: 140425S-95536 - 186466
Batch ID: #SIMS-140425A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/25/14	05/02/14
BLANK	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/25/14	05/02/14
BLANK	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
BLANK	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/25/14	05/02/14
BLANK	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/25/14	05/02/14
BLANK	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/25/14	05/02/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/25/14	05/02/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/25/14	05/02/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/25/14	05/02/14
BLANK	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/25/14	05/02/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/25/14	05/02/14
BLANK	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/25/14	05/02/14
BLANK	FLUORENE	Not detected	5.0	1.00	ug/kg	04/25/14	05/02/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/25/14	05/02/14
BLANK	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
BLANK	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/25/14	05/02/14
BLANK	PYRENE	Not detected	5.0	1.24	ug/kg	04/25/14	05/02/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	57.3	45-105		%	04/25/14	05/02/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	75.6	35-100		%	04/25/14	05/02/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	79.7	30-125		%	04/25/14	05/02/14

Quant Method: SIM.M
Run #: 0501L019
Instrument: Linus
Sequence: L140501
Initials: LF

GC SC-Blank-REG MDLs
Printed: 05/02/14 12:09:30 PM

Method Blank

EPA 8270C - SOLID

Blank Name/QCG: 140430S-95768 - 186462
Batch ID: #SIMS-140430A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/30/14	05/01/14
BLANK	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/30/14	05/01/14
BLANK	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/30/14	05/01/14
BLANK	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/30/14	05/01/14
BLANK	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/30/14	05/01/14
BLANK	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/30/14	05/01/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/30/14	05/01/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/30/14	05/01/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/30/14	05/01/14
BLANK	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/30/14	05/01/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/30/14	05/01/14
BLANK	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/30/14	05/01/14
BLANK	FLUORENE	Not detected	5.0	1.00	ug/kg	04/30/14	05/01/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/30/14	05/01/14
BLANK	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/30/14	05/01/14
BLANK	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/30/14	05/01/14
BLANK	PYRENE	Not detected	5.0	1.24	ug/kg	04/30/14	05/01/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	69.1	45-105		%	04/30/14	05/01/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	64.4	35-100		%	04/30/14	05/01/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	94.6	30-125		%	04/30/14	05/01/14

Quant Method: SIM.M
Run #: 0501Y013
Instrument: YODA
Sequence: Y140501P
Initials: LF

GC SC-Blank-REG MDLs
Printed: 05/02/14 12:09:30 PM

Method Blank

EPA 8270C - Water

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Blank Name/QCG: 140429W-95593 - 186465
Batch ID: #SIM-140429A

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	2-METHYLNAPHTHALENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
BLANK	ACENAPHTHENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
BLANK	ACENAPHTHYLENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
BLANK	ANTHRACENE	Not detected	0.2	0.05	ug/L	04/29/14	05/01/14
BLANK	BENZ(A)ANTHRACENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
BLANK	BENZO(A)PYRENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	0.2	0.08	ug/L	04/29/14	05/01/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
BLANK	CHRYSENE	Not detected	0.2	0.05	ug/L	04/29/14	05/01/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	0.2	0.05	ug/L	04/29/14	05/01/14
BLANK	FLUORANTHENE	Not detected	0.2	0.08	ug/L	04/29/14	05/01/14
BLANK	FLUORENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
BLANK	NAPHTHALENE	Not detected	0.2	0.05	ug/L	04/29/14	05/01/14
BLANK	PHENANTHRENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
BLANK	PYRENE	Not detected	0.2	0.08	ug/L	04/29/14	05/01/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	87.8	50-110		%	04/29/14	05/01/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	94.6	40-110		%	04/29/14	05/01/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	109	50-135		%	04/29/14	05/01/14

Quant Method: SIM.M
Run #: 0501L014
Instrument: Linus
Sequence: L140501
Initials: LF

GC SC-Blank-REG MDLs
Printed: 05/02/14 12:09:30 PM

Laboratory Control Spike Recovery

EPA 8270C - SOLID

APPL ID: 140425S-95536 LCS - 186466

Batch ID: #SIMS-140425A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
2-METHYLNAPHTHALENE	133	64.4	48.4	45-105
ACENAPHTHENE	133	103	77.4	45-110
ACENAPHTHYLENE	133	106	79.7	45-105
ANTHRACENE	133	110	82.7	55-105
BENZ(A)ANTHRACENE	133	118	88.7	50-110
BENZO(A)PYRENE	133	128	96.2	50-110
BENZO(B)FLUORANTHENE	133	115	86.5	45-115
BENZO(G,H,I)PERYLENE	133	113	85.0	40-125
BENZO(K)FLUORANTHENE	133	86.6	65.1	45-125
CHRYSENE	133	104	78.2	55-110
DIBENZ(A,H)ANTHRACENE	133	119	89.5	40-125
FLUORANTHENE	133	150	113	55-115
FLUORENE	133	110	82.7	50-110
INDENO(1,2,3-CD)PYRENE	133	119	89.5	40-120
NAPHTHALENE	133	67.0	50.4	40-105
PHENANTHRENE	133	107	80.5	50-110
PYRENE	133	150	113	45-125
SURROGATE: 2-FLUORBIPHENYL (S)	66.7	45.2	67.8	45-105
SURROGATE: NITROBENZENE-D5 (S)	66.7	37.6	56.4	35-100
SURROGATE: TERPHENYL-D14 (S)	66.7	68.7	103	30-125

Comments: _____

Primary	SPK
Quant Method :	SIM.M
Extraction Date :	04/25/14
Analysis Date :	05/02/14
Instrument :	Linus
Run :	0501L020
Initials :	LF

Printed: 05/02/14 12:09:32 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8270C - SOLID

APPL ID: 140430S-95768 LCS - 186462
Batch ID: #SIMS-140430A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
2-METHYLNAPHTHALENE	133	101	75.9	45-105
ACENAPHTHENE	133	69.9	52.6	45-110
ACENAPHTHYLENE	133	90.9	68.3	45-105
ANTHRACENE	133	129	97.0	55-105
BENZ(A)ANTHRACENE	133	132	99.2	50-110
BENZO(A)PYRENE	133	135	102	50-110
BENZO(B)FLUORANTHENE	133	124	93.2	45-115
BENZO(G,H,I)PERYLENE	133	137	103	40-125
BENZO(K)FLUORANTHENE	133	148	111	45-125
CHRYSENE	133	128	96.2	55-110
DIBENZ(A,H)ANTHRACENE	133	138	104	40-125
FLUORANTHENE	133	148	111	55-115
FLUORENE	133	105	78.9	50-110
INDENO(1,2,3-CD)PYRENE	133	109	82.0	40-120
NAPHTHALENE	133	73.7	55.4	40-105
PHENANTHRENE	133	121	91.0	50-110
PYRENE	133	140	105	45-125
SURROGATE: 2-FLUORBIPHENYL (S)	66.7	42.9	64.3	45-105
SURROGATE: NITROBENZENE-D5 (S)	66.7	39.2	58.8	35-100
SURROGATE: TERPHENYL-D14 (S)	66.7	55.6	83.4	30-125

Comments: _____

Primary	SPK
Quant Method :	SIM.M
Extraction Date :	04/30/14
Analysis Date :	05/01/14
Instrument :	YODA
Run :	0501Y014
Initials :	LF

Printed: 05/02/14 12:09:32 PM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8270C - Water

APPL ID: 140429W-95593 LCS - 186465

Batch ID: #SIM-140429A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
2-METHYLNAPHTHALENE	4.00	2.67	66.8	45-105
ACENAPHTHENE	4.00	3.08	77.0	45-110
ACENAPHTHYLENE	4.00	3.25	81.3	50-105
ANTHRACENE	4.00	3.44	86.0	55-110
BENZ(A)ANTHRACENE	4.00	3.90	97.5	55-110
BENZO(A)PYRENE	4.00	3.68	92.0	55-110
BENZO(B)FLUORANTHENE	4.00	4.13	103	45-120
BENZO(G,H,I)PERYLENE	4.00	3.72	93.0	40-125
BENZO(K)FLUORANTHENE	4.00	3.92	98.0	45-125
CHRYSENE	4.00	3.50	87.5	55-110
DIBENZ(A,H)ANTHRACENE	4.00	3.78	94.5	40-125
FLUORANTHENE	4.00	3.86	96.5	55-115
FLUORENE	4.00	3.32	83.0	50-110
INDENO(1,2,3-CD)PYRENE	4.00	3.32	83.0	45-125
NAPHTHALENE	4.00	2.80	70.0	40-100
PHENANTHRENE	4.00	3.55	88.8	50-115
PYRENE	4.00	4.09	102	50-130
SURROGATE: 2-FLUORBIPHENYL (S)	2.00	1.39	69.5	50-110
SURROGATE: NITROBENZENE-D5 (S)	2.00	1.43	71.5	40-110
SURROGATE: TERPHENYL-D14 (S)	2.00	1.71	85.5	50-135

Comments: _____

Primary	SPK
Quant Method :	SIM.M
Extraction Date :	04/29/14
Analysis Date :	05/01/14
Instrument :	Linus
Run :	0501L015
Initials :	LF

Printed: 05/02/14 12:09:32 PM

APPL Standard LCS

Method Blank
EPA 8260B BTEX Oxy S - UST

Blank Name/QCG: **140424S-95536 - 186377**
 Batch ID: #26US-140424AT

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/24/14	04/24/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/24/14	04/24/14
BLANK	BENZENE	Not detected	5.0	0.63	ug/Kg	04/24/14	04/24/14
BLANK	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/24/14	04/24/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/24/14	04/24/14
BLANK	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/24/14	04/24/14
BLANK	MTBE	Not detected	5.0	1.50	ug/Kg	04/24/14	04/24/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/24/14	04/24/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/24/14	04/24/14
BLANK	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/24/14	04/24/14
BLANK	XYLENES	Not detected	5.0	0.68	ug/Kg	04/24/14	04/24/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	100	52-149		%	04/24/14	04/24/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	101	65-135		%	04/24/14	04/24/14
BLANK	SURROGATE: DIBROMOFLUOROME	101	65-135		%	04/24/14	04/24/14
BLANK	SURROGATE: TOLUENE-D8 (S)	99.6	65-135		%	04/24/14	04/24/14

Quant Method: TALLS.M
 Run #: 0424T21
 Instrument: Thor
 Sequence: T140424
 Initials: DG

GC SC-Blank-REG MDLs
 Printed: 05/02/14 11:12:16 AM

Method Blank

EPA 8260B SOIL

Blank Name/QCG: 140424S-95592 - 186379
Batch ID: #8260S-140424AT1

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/24/14	04/24/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/24/14	04/24/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/24/14	04/24/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/24/14	04/24/14
BLANK	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/24/14	04/24/14
BLANK	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/24/14	04/24/14
BLANK	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/24/14	04/24/14
BLANK	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/24/14	04/24/14
BLANK	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/24/14	04/24/14
BLANK	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/24/14	04/24/14
BLANK	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/24/14	04/24/14
BLANK	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/24/14	04/24/14
BLANK	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/24/14	04/24/14
BLANK	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/24/14	04/24/14
BLANK	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/24/14	04/24/14
BLANK	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/24/14	04/24/14
BLANK	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/24/14	04/24/14
BLANK	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/24/14	04/24/14
BLANK	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/24/14	04/24/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/24/14	04/24/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/24/14	04/24/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/24/14	04/24/14
BLANK	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/24/14	04/24/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/24/14	04/24/14
BLANK	FREON 113	Not detected	10.0	0.83	ug/Kg	04/24/14	04/24/14
BLANK	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/24/14	04/24/14
BLANK	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/24/14	04/24/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/24/14	04/24/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/24/14	04/24/14
BLANK	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/24/14	04/24/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/24/14	04/24/14
BLANK	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/24/14	04/24/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	100	59-120		%	04/24/14	04/24/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	101	82-121		%	04/24/14	04/24/14

Quant Method: TALLS.M
Run #: 0424T21
Instrument: Thor
Sequence: T140424
Initials: DG

GC SC-Blank-REG MDLs
Printed: 05/02/14 11:13:09 AM

Method Blank
EPA 8260B SOIL

Blank Name/QCG: **140424S-95592 - 186379**
Batch ID: #8260S-140424AT1

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	101	74-122		%	04/24/14	04/24/14
BLANK	SURROGATE: TOLUENE-D8 (S)	99.6	71-127		%	04/24/14	04/24/14

Quant Method: TALLS.M
Run #: 0424T21
Instrument: Thor
Sequence: T140424
Initials: DG

GC SC-Blank-REG MDLs
Printed: 05/02/14 11:13:09 AM

Method Blank **EPA 8260B BTEX Oxy W - UST**

Blank Name/QCG: **140429W-95538 - 186368**
 Batch ID: #26UW-140429AM

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/29/14	04/29/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/29/14	04/29/14
BLANK	BENZENE	Not detected	0.4	0.16	ug/L	04/29/14	04/29/14
BLANK	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
BLANK	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/29/14	04/29/14
BLANK	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/29/14	04/29/14
BLANK	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/29/14	04/29/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/29/14	04/29/14
BLANK	TOLUENE	Not detected	1.1	0.17	ug/L	04/29/14	04/29/14
BLANK	XYLENES	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	99.9	75-125		%	04/29/14	04/29/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	102	62-139		%	04/29/14	04/29/14
BLANK	SURROGATE: DIBROMOFLUOROME	104	75-125		%	04/29/14	04/29/14
BLANK	SURROGATE: TOLUENE-D8 (S)	101	75-125		%	04/29/14	04/29/14

Quant Method: MALLW2.M Run #: 0429M08 Instrument: MAX Sequence: M140428 Initials: DG
--

GC SC-Blank-REG MDLs
 Printed: 05/02/14 11:47:54 AM

Method Blank

EPA 8260B

Blank Name/QCG: 140429W-95538 - 186370
Batch ID: #8260-140429AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/29/14	04/29/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
BLANK	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
BLANK	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/29/14	04/29/14
BLANK	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
BLANK	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
BLANK	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/29/14	04/29/14
BLANK	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
BLANK	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
BLANK	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
BLANK	BROMOFORM	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
BLANK	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/29/14	04/29/14
BLANK	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
BLANK	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
BLANK	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
BLANK	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/29/14	04/29/14
BLANK	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/29/14	04/29/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/29/14	04/29/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
BLANK	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
BLANK	FREON-113	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
BLANK	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/29/14	04/29/14
BLANK	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/29/14	04/29/14
BLANK	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
BLANK	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/29/14	04/29/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	99.9	75-125		%	04/29/14	04/29/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	102	62-139		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M08
Instrument: MAX
Sequence: M140428
Initials: DG

GC SC-Blank-REG MDLs
Printed: 05/02/14 11:43:39 AM

Method Blank
EPA 8260B

Blank Name/QCG: **140429W-95538 - 186370**
Batch ID: #8260-140429AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	104	75-125		%	04/29/14	04/29/14
BLANK	SURROGATE: TOLUENE-D8 (S)	101	75-125		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M08
Instrument: MAX
Sequence: M140428
Initials: DG

GC SC-Blank-REG MDLs
Printed: 05/02/14 11:43:39 AM

Method Blank

EPA 8260B BTEX Oxy W - UST

Blank Name/QCG: 140430W-95540 - 186433

Batch ID: #26UW-140430AM

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/30/14	04/30/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/30/14	04/30/14
BLANK	BENZENE	Not detected	0.4	0.16	ug/L	04/30/14	04/30/14
BLANK	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
BLANK	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/30/14	04/30/14
BLANK	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/30/14	04/30/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/30/14	04/30/14
BLANK	TOLUENE	Not detected	1.1	0.17	ug/L	04/30/14	04/30/14
BLANK	XYLENES	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	101	75-125		%	04/30/14	04/30/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	98.7	62-139		%	04/30/14	04/30/14
BLANK	SURROGATE: DIBROMOFLUOROME	103	75-125		%	04/30/14	04/30/14
BLANK	SURROGATE: TOLUENE-D8 (S)	100	75-125		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M09
Instrument: MAX
Sequence: M140428
Initials: SV

GC SC-Blank-REG MDLs
Printed: 05/02/14 11:12:16 AM

Method Blank

EPA 8260B

Blank Name/QCG: 140430W-95540 - 186432

Batch ID: #8260-140430AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/30/14	04/30/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/30/14	04/30/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/30/14	04/30/14
BLANK	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/30/14	04/30/14
BLANK	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/30/14	04/30/14
BLANK	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/30/14	04/30/14
BLANK	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/30/14	04/30/14
BLANK	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/30/14	04/30/14
BLANK	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
BLANK	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
BLANK	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
BLANK	BROMOFORM	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
BLANK	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/30/14	04/30/14
BLANK	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/30/14	04/30/14
BLANK	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
BLANK	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
BLANK	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/30/14	04/30/14
BLANK	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/30/14	04/30/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/30/14	04/30/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
BLANK	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/30/14	04/30/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/30/14	04/30/14
BLANK	FREON-113	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
BLANK	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/30/14	04/30/14
BLANK	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/30/14	04/30/14
BLANK	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/30/14	04/30/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/30/14	04/30/14
BLANK	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/30/14	04/30/14
BLANK	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/30/14	04/30/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	101	70-125		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M09
Instrument: MAX
Sequence: M140428
Initials: SV

GC SC-Blank-REG MDLs

Printed: 05/02/14 11:13:09 AM

Method Blank
EPA 8260B

Blank Name/QCG: **140430W-95540 - 186432**
Batch ID: #8260-140430AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: 4-BROMOFLUOROBEN	98.7	72-133		%	04/30/14	04/30/14
BLANK	SURROGATE: DIBROMOFLUOROME	103	78-125		%	04/30/14	04/30/14
BLANK	SURROGATE: TOLUENE-D8 (S)	100	73-124		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M09
Instrument: MAX
Sequence: M140428
Initials: SV

GC SC-Blank-REG MDLs
Printed: 05/02/14 11:13:09 AM

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy S - UST

APPL ID: 140424S-95536 LCS - 186377

Batch ID: #26US-140424AT

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	50.0	49.4	98.8	75-123
1,2-ETHYLENE DIBROMIDE	50.0	52.2	104	85-123
BENZENE	50.0	45.4	90.8	81-123
DI-ISOPROPYL ETHER	50.0	48.9	97.8	94-114
ETHYL-TERT-BUTYL ETHER	50.0	50.6	101	90-126
ETHYLBENZENE	50.0	44.8	89.6	78-127
MTBE	50.0	52.4	105	65-135
TERT-AMYL METHYL ETHER	50.0	53.5	107	50-150
TERT-BUTYL ALCOHOL	250	252	101	65-135
TOLUENE	50.0	46.0	92.0	82-125
XYLENES	150	139	92.7	76-134
SURROGATE: 1,2-DICHLOROETHANE-	62.1	58.7	94.5	52-149
SURROGATE: 4-BROMOFLUOROBENZ	57.5	64.1	111	65-135
SURROGATE: DIBROMOFLUOROMETH	69.4	65.9	94.9	65-135
SURROGATE: TOLUENE-D8 (S)	71.5	71.7	100	65-135

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	TALLS.M
Extraction Date :	04/24/14
Analysis Date :	04/24/14
Instrument :	Thor
Run :	0424T17
Initials :	DG

Printed: 05/02/14 11:12:25 AM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B SOIL

APPL ID: 140424S-95592 LCS - 186379
Batch ID: #8260S-140424AT1

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	50.0	47.6	95.2	62-125
1,1,1-TRICHLOROETHANE	50.0	42.6	85.2	65-135
1,1,2,2-TETRACHLOROETHANE	50.0	51.0	102	64-135
1,1,2-TRICHLOROETHANE	50.0	53.0	106	65-135
1,1-DICHLOROETHANE	50.0	45.6	91.2	62-135
1,1-DICHLOROETHENE	50.0	41.4	82.8	65-135
1,2-DICHLOROBENZENE	50.0	47.5	95.0	65-125
1,2-DICHLOROPROPANE	50.0	48.8	97.6	65-125
1,3-DICHLOROBENZENE	50.0	45.5	91.0	65-135
1,4-DICHLOROBENZENE	50.0	45.6	91.2	65-135
BROMOBENZENE	50.0	47.5	95.0	55-130
BROMODICHLOROMETHANE	50.0	51.0	102	60-135
BROMOFORM	50.0	53.4	107	45-150
BROMOMETHANE	50.0	49.1	98.2	10-180
CARBON TETRACHLORIDE	50.0	42.5	85.0	55-145
CHLOROBENZENE	50.0	46.4	92.8	65-130
CHLOROETHANE	50.0	42.4	84.8	20-175
CHLOROFORM	50.0	41.7	83.4	65-135
CHLOROMETHANE	50.0	39.9	79.8	40-140
CIS-1,2-DICHLOROETHENE	50.0	46.1	92.2	55-135
CIS-1,3-DICHLOROPROPENE	50.0	50.3	101	65-135
DIBROMOCHLOROMETHANE	50.0	50.4	101	63-135
DIBROMOMETHANE	50.0	51.5	103	65-135
DICHLORODIFLUOROMETHANE	50.0	40.0	80.0	15-155
FREON 113	50.0	39.8	79.6	71-135
METHYLENE CHLORIDE	50.0	46.4	92.8	40-155
TETRACHLOROETHENE	50.0	41.1	82.2	55-150
TRANS-1,2-DICHLOROETHENE	50.0	42.7	85.4	55-145
TRANS-1,3-DICHLOROPROPENE	50.0	52.8	106	55-140
TRICHLOROETHENE	50.0	42.2	84.4	70-130
TRICHLOROFLUOROMETHANE	50.0	40.7	81.4	10-215

Comments:

Primary	SPK
Quant Method :	TALLS.M
Extraction Date :	04/24/14
Analysis Date :	04/24/14
Instrument :	Thor
Run :	0424T17
Initials :	DG

Printed: 05/02/14 11:13:11 AM
APPL Standard LCS

Laboratory Control Spike Recovery
EPA 8260B SOIL

APPL ID: **140424S-95592 LCS - 186379**
Batch ID: #8260S-140424AT1

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	50.0	41.3	82.6	45-140
SURROGATE: 1,2-DICHLOROETHANE-	62.1	58.7	94.5	59-120
SURROGATE: 4-BROMOFLUOROBENZ	57.5	64.1	111	82-121
SURROGATE: DIBROMOFLUOROMETH	69.4	65.9	94.9	74-122
SURROGATE: TOLUENE-D8 (S)	71.5	71.7	100	71-127

Comments: _____

Primary	SPK
Quant Method :	TALLS.M
Extraction Date :	04/24/14
Analysis Date :	04/24/14
Instrument :	Thor
Run :	0424T17
Initials :	DG

Printed: 05/02/14 11:13:11 AM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy W - UST

APPL ID: 140429W-95538 LCS - 186368

Batch ID: #26UW-140429AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	10.00	10.3	103	68-127
1,2-ETHYLENE DIBROMIDE	10.00	10.3	103	70-130
BENZENE	10.00	10.2	102	75-125
DI-ISOPROPYL ETHER	10.00	10.3	103	70-130
ETHYL-TERT-BUTYL ETHER	10.00	10.1	101	70-130
ETHYLBENZENE	10.00	10.1	101	75-125
METHYL TERT-BUTYL ETHER	10.00	10.1	101	70-130
NAPHTHALENE	10.00	8.93	89.3	55-140
TERT-AMYL METHYL ETHER	10.00	10.0	100	70-130
TERT-BUTYL ALCOHOL	125	120	96.0	49-167
TOLUENE	10.00	10.1	101	74-125
XYLENES	30.0	30.0	100	70-130
SURROGATE: 1,2-DICHLOROETHANE-	22.4	23.1	103	75-125
SURROGATE: 4-BROMOFLUOROBENZ	21.0	21.7	103	62-139
SURROGATE: DIBROMOFLUOROMETH	21.2	22.8	108	75-125
SURROGATE: TOLUENE-D8 (S)	22.2	22.8	103	75-125

Comments: _____

Primary	SPK
Quant Method :	MALLW.M
Extraction Date :	04/29/14
Analysis Date :	04/29/14
Instrument :	MAX
Run :	0429M03
Initials :	DG

Printed: 05/02/14 11:12:25 AM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140429W-95538 LCS - 186370

Batch ID: #8260-140429AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	10.00	10.2	102	73-124
1,1,1-TRICHLOROETHANE	10.00	9.92	99.2	67-125
1,1,2,2-TETRACHLOROETHANE	10.00	10.3	103	71-127
1,1,2-TRICHLOROETHANE	10.00	9.73	97.3	74-121
1,1-DICHLOROETHANE	10.00	10.3	103	62-132
1,1-DICHLOROETHENE	10.00	9.99	99.9	70-125
1,2-DICHLOROBENZENE	10.00	10.3	103	70-129
1,2-DICHLOROPROPANE	10.00	10.0	100	77-125
1,3-DICHLOROBENZENE	10.00	10.3	103	69-129
1,4-DICHLOROBENZENE	10.00	10.1	101	71-126
BROMOBENZENE	10.00	10.3	103	65-130
BROMODICHLOROMETHANE	10.00	10.2	102	69-124
BROMOFORM	10.00	9.75	97.5	67-125
BROMOMETHANE	10.00	8.98	89.8	71-131
CARBON TETRACHLORIDE	10.00	10.1	101	70-122
CHLOROBENZENE	10.00	9.97	99.7	72-125
CHLOROETHANE	10.00	9.88	98.8	78-125
CHLOROFORM	10.00	10.1	101	69-122
CHLROMETHANE	10.00	9.19	91.9	71-124
CIS-1,2-DICHLOROETHENE	10.00	10.2	102	72-123
CIS-1,3-DICHLOROPROPENE	10.00	10.1	101	70-125
DIBROMOCHLOROMETHANE	10.00	10.2	102	70-125
DIBROMOMETHANE	10.00	10.2	102	66-126
DICHLORODIFLUOROMETHANE	10.00	9.01	90.1	68-131
FREON-113	10.00	9.28	92.8	74-138
METHYLENE CHLORIDE	10.00	9.73	97.3	78-118
TETRACHLOROETHENE	10.00	10.1	101	62-136
TRANS-1,2-DICHLOROETHENE	10.00	10.3	103	68-126
TRANS-1,3-DICHLOROPROPENE	10.00	10.1	101	62-127
TRICHLOROETHENE	10.00	9.93	99.3	70-128
TRICHLOROFLUOROMETHANE	10.00	9.54	95.4	66-132

Comments:

Primary	SPK
Quant Method :	MALLW.M
Extraction Date :	04/29/14
Analysis Date :	04/29/14
Instrument :	MAX
Run :	0429M03
Initials :	DG

Printed: 05/02/14 11:37:01 AM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140429W-95538 LCS - 186370

Batch ID: #8260-140429AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	10.00	9.21	92.1	79-138
SURROGATE: 1,2-DICHLOROETHANE-D	22.4	23.1	103	70-125
SURROGATE: 4-BROMOFLUOROBENZE	21.0	21.7	103	72-133
SURROGATE: DIBROMOFLUOROMETH	21.2	22.8	108	78-125
SURROGATE: TOLUENE-D8 (S)	22.2	22.8	103	73-124

Comments: _____

Primary	SPK
Quant Method :	MALLW.M
Extraction Date :	04/29/14
Analysis Date :	04/29/14
Instrument :	MAX
Run :	0429M03
Initials :	DG

Printed: 05/02/14 11:37:01 AM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy W - UST

APPL ID: 140430W-95540 LCS - 186433

Batch ID: #26UW-140430AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	10.00	10.5	105	68-127
1,2-ETHYLENE DIBROMIDE	10.00	10.0	100	70-130
BENZENE	10.00	9.97	99.7	75-125
DI-ISOPROPYL ETHER	10.00	10.4	104	70-130
ETHYL-TERT-BUTYL ETHER	10.00	10.2	102	70-130
ETHYLBENZENE	10.00	10.0	100	75-125
METHYL TERT-BUTYL ETHER	10.00	9.92	99.2	70-130
TERT-AMYL METHYL ETHER	10.00	9.92	99.2	70-130
TERT-BUTYL ALCOHOL	125	117	93.6	49-167
TOLUENE	10.00	9.99	99.9	74-125
XYLENES	30.0	29.7	99.0	70-130
SURROGATE: 1,2-DICHLOROETHANE-	22.4	22.4	100	75-125
SURROGATE: 4-BROMOFLUOROBENZ	21.0	21.2	101	62-139
SURROGATE: DIBROMOFLUOROMETH	21.2	22.0	104	75-125
SURROGATE: TOLUENE-D8 (S)	22.2	21.7	97.7	75-125

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	MALLW2.M
Extraction Date :	04/30/14
Analysis Date :	04/30/14
Instrument :	MAX
Run :	0430M05
Initials :	SV

Printed: 05/02/14 11:12:25 AM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140430W-95540 LCS - 186432

Batch ID: #8260-140430AM

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	10.00	9.70	97.0	73-124
1,1,1-TRICHLOROETHANE	10.00	10.0	100	67-125
1,1,2,2-TETRACHLOROETHANE	10.00	10.2	102	71-127
1,1,2-TRICHLOROETHANE	10.00	9.88	98.8	74-121
1,1-DICHLOROETHANE	10.00	10.4	104	62-132
1,1-DICHLOROETHENE	10.00	9.93	99.3	70-125
1,2-DICHLOROBENZENE	10.00	10.0	100	70-129
1,2-DICHLOROPROPANE	10.00	10.2	102	77-125
1,3-DICHLOROBENZENE	10.00	10.0	100	69-129
1,4-DICHLOROBENZENE	10.00	9.85	98.5	71-126
BROMOBENZENE	10.00	10.1	101	65-130
BROMODICHLOROMETHANE	10.00	10.2	102	69-124
BROMOFORM	10.00	9.34	93.4	67-125
BROMOMETHANE	10.00	10.8	108	71-131
CARBON TETRACHLORIDE	10.00	10.3	103	70-122
CHLOROBENZENE	10.00	9.85	98.5	72-125
CHLOROETHANE	10.00	10.3	103	78-125
CHLOROFORM	10.00	10.3	103	69-122
CHLOROMETHANE	10.00	10.1	101	71-124
CIS-1,2-DICHLOROETHENE	10.00	10.1	101	72-123
CIS-1,3-DICHLOROPROPENE	10.00	10.1	101	70-125
DIBROMOCHLOROMETHANE	10.00	9.98	99.8	70-125
DIBROMOMETHANE	10.00	9.74	97.4	66-126
DICHLORODIFLUOROMETHANE	10.00	10.3	103	68-131
FREON-113	10.00	9.95	99.5	74-138
METHYLENE CHLORIDE	10.00	9.55	95.5	78-118
NAPHTHALENE	10.00	8.88	88.8	55-140
TETRACHLOROETHENE	10.00	9.87	98.7	62-136
TRANS-1,2-DICHLOROETHENE	10.00	10.1	101	68-126
TRANS-1,3-DICHLOROPROPENE	10.00	9.97	99.7	62-127
TRICHLOROETHENE	10.00	10.0	100	70-128

Comments:

Primary	SPK
Quant Method :	MALLW2.M
Extraction Date :	04/30/14
Analysis Date :	04/30/14
Instrument :	MAX
Run :	0430M05
Initials :	SV

Printed: 05/02/14 11:13:11 AM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140430W-95540 LCS - 186432
Batch ID: #8260-140430AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
TRICHLOROFLUOROMETHANE	10.00	10.7	107	66-132
VINYL CHLORIDE	10.00	10.2	102	79-138
SURROGATE: 1,2-DICHLOROETHANE-	22.4	22.4	100	70-125
SURROGATE: 4-BROMOFLUOROBENZ	21.0	21.2	101	72-133
SURROGATE: DIBROMOFLUOROMETH	21.2	22.0	104	78-125
SURROGATE: TOLUENE-D8 (S)	22.2	21.7	97.7	73-124

Comments: _____

Primary	SPK
Quant Method :	MALLW2.M
Extraction Date :	04/30/14
Analysis Date :	04/30/14
Instrument :	MAX
Run :	0430M05
Initials :	SV

Printed: 05/02/14 11:13:11 AM
APPL Standard LCS

Method Blank
Gas analysis-soil

Blank Name/QCG: **140424S-95536 - 186258**
Batch ID: #GASS-140424A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	GASOLINE	Not detected	1000	340.0	ug/Kg	4/24/14	4/24/14
BLANK	SURROGATE: BFB-FID (S)	98.8	76-131		%	4/24/14	4/24/14

Quant Method: HGAS.M
Run #: 0424H16
Instrument: Harpo
Sequence: 131015
Initials: LF

GC SC-Blank-REG MDLs
Printed: 4/25/14 10:30:31 AM

Method Blank
Gas-Water

Blank Name/QCG: **140424W-95540 - 186257**
Batch ID: #GAS-140424A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	GASOLINE	Not detected	20.0	8.60	ug/L	4/24/14	4/24/14
BLANK	SURROGATE: BFB-FID (S)	105	70-130		%	4/24/14	4/24/14

Quant Method: HGAS.M
Run #: 0424H05
Instrument: Harpo
Sequence: 131015
Initials: LF

GC SC-Blank-REG MDLs
Printed: 4/25/14 10:30:31 AM

Laboratory Control Spike Recoveries

Gas analysis-soil

APPL ID: 140424S-95536 LCS - 186258

Batch ID: #GASS-140424A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Lvl ug/Kg	SPK Result ug/Kg	DUP Result ug/Kg	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
GASOLINE	15000	13700	14400	91.3	96.0	37-150	5.0	25
SURROGATE: BFB-FID (S)	30.0	29.7	30.3	99.0	101	76-131		

Comments: _____

<u>Primary</u>	<u>SPK</u>	<u>DUP</u>
Quant Method :	HGAS.M	HGAS.M
Extraction Date :	4/24/14	4/24/14
Analysis Date :	4/24/14	4/24/14
Instrument :	Harpo	Harpo
Run :	0424H14	0424H15
Initials :	LF	

Laboratory Control Spike Recoveries

Gas-Water

APPL ID: **140424W-95540 LCS - 186257**
 Batch ID: #GAS-140424A

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
GASOLINE	300	319	302	106	101	73-120	5.5	25
SURROGATE: BFB-FID (S)	30.0	32.5	32.9	108	110	70-130		

Comments:

<u>Primary</u>	<u>SPK</u>	<u>DUP</u>
Quant Method :	HGAS.M	HGAS.M
Extraction Date :	4/24/14	4/24/14
Analysis Date :	4/24/14	4/24/14
Instrument :	Harpo	Harpo
Run :	0424H03	0424H04
Initials :	LF	

METALS BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date	QC Group
6020	LEAD (PB)	Not detected	0.1	0.02	mg/Kg	05/01/14	05/09/14	#6020S-C140501-AY95641
6020	LEAD (PB)	Not detected	0.2	0.11	ug/L	05/02/14	05/08/14	#6020-140502A-AY95540

Metals SC-Blank-REG MDLs
Printed: 05/12/14 9:08:07 AM

Laboratory Control Spike Recovery

METALS

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/Kg	SPK Result mg/Kg	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
6020	LEAD (PB)	25.0	24.1	96.4	80-120	05/01/14	05/09/14	#6020S-C140501-AY95641

Comments:

Laboratory Control Spike Recovery

METALS

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
6020	LEAD (PB)	50.0	46.8	93.6	80-120	05/02/14	05/08/14	#6020-140502A-AY95540

Comments: _____



908 North Temperance Ave. ▽ Clovis, CA 93611 ▽ Phone 559-275-2175 ▽ Fax 559-275-4422

Certification Number: CA1312 (DW & WW)
NELAP Certification number: CA00046 (HW)

May 12, 2014

URS Corporation
30 River Park Place West, #180
Fresno, California 93720

Attn: Frank Gegunde

Subject: Report of Data: Case 73232

Results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dear Mr. Gegunde:

The sample group for project "18715311.40000 Phase II ESA-655 G St." was received April 24, 2014, in good condition. The VOC analyte list was revised and TPH-Diesel and Motor Oil analysis was added, as requested on April 25, 2014. Additionally the sediment volume for sample HP-3@118' and HP-3@118' DUP were analyzed for PAHs. Written results are being provided on this May 12, 2014, for the requested analyses. All holding times were met.

For the EPA 8015B TPH-Diesel and Motor Oil analysis, the samples were extracted according to EPA method 3550B. There was insufficient volume to add TPH-Diesel and Motor oil to the aqueous samples.

For the EPA 8270C-SIM analysis, the soil samples were extracted according to EPA method 3550B and the water samples were extracted according to EPA method 3510C. Sample SB-3@50' recovered the surrogate Nitrobenzene-d5 above the upper control limit. The high surrogate recovery may be attributed to the sample matrix.

For the EPA 8260B analysis, the soil samples were purged according to the EPA method 5035, and the water samples were purged according to EPA method 5030B. Two analytes recovered below their lower control limit for 140428AT LCS. All other acceptance criteria were met for this analysis.

For the EPA 8015B TPH-Gas analysis, the soil samples were prepared according to EPA 5035 and purged according to EPA method 5030B. The water samples were purged according to EPA method 5030B. Sample SB-3@50' recovered the surrogate 4-Bromofluorobenzene above the upper control limit. The high surrogate recovery may be attributed to the sample matrix.

For the EPA 6020 analysis, the soil samples were digested according to EPA method 3050B and the water samples were filtered and acidified by laboratory personnel, then digested according to EPA method 3015.

No other unusual problem or complication was encountered with this sample set.

If you have any questions or require further information, please contact us at your convenience. Thank you for choosing APPL, Inc.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. These test results meet all requirements of NELAC. Release of the hard copy has been authorized by the Laboratory Manager or her designee, as verified by the following signature.



Sharon Dehmlow, Laboratory Director
APPL, Inc.

SD/ab
Enclosure
cc: File

Number of pages in this report_____

TPH Diesel Soil EPA 8015B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@5'

Sample Collection Date: 4/23/2014

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95637

QCG: #TPHDS-140430A-186428

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	Not detected	1000	646.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	MOTOR OIL	Not detected	10000	3510.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	107	47-140		%	04/30/14	05/01/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	94.3	58-128		%	04/30/14	05/01/14

Quant Method: TPH14S30.M
Run #: 430037
Instrument: Apollo
Sequence: 140430
Dilution Factor: 1
Initials: LA

Printed: 5/2/2014 11:49:33 AM
APPL-F1-SC-NoMC-REG MDLs

TPH Diesel Soil EPA 8015B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@10'

Sample Collection Date: 4/23/2014

ARF: 73232

APPL ID: AY95638

QCG: #TPHDS-140430A-186428

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	Not detected	1000	646.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	MOTOR OIL	Not detected	10000	3510.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	105	47-140		%	04/30/14	05/01/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	93.8	58-128		%	04/30/14	05/01/14

Quant Method: TPH14S30.M
Run #: 430038
Instrument: Apollo
Sequence: 140430
Dilution Factor: 1
Initials: LA

Printed: 5/2/2014 11:49:33 AM
APPL-F1-SC-NoMC-REG MDLs

TPH Diesel Soil EPA 8015B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@50'

Sample Collection Date: 4/23/2014

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95639

QCG: #TPHDS-140430A-186428

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	1400000 E	1000	646.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	MOTOR OIL	18000	10000	3510.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	128	47-140		%	04/30/14	05/01/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	123	58-128		%	04/30/14	05/01/14

E = The reported value exceeds linear range.

Quant Method: TPH14S30.M
Run #: 430039
Instrument: Apollo
Sequence: 140430
Dilution Factor: 1
Initials: LA

Printed: 5/2/2014 11:49:33 AM
APPL-F1-SC-NoMC-REG MDLs

TPH Diesel Soil EPA 8015B - Dilution

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

ARF: 73232

Sample ID: SB-3@50'

APPL ID: AY95639

Sample Collection Date: 4/23/2014

QCG: #TPHDS-140430A-186428

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	1200000.++	20000	12920.0	ug/kg	04/30/14	05/01/14

++(T2M) The analyst has noted that the chromatogram of this sample is mainly lower boiling hydrocarbons.

Quant Method: TPH14S30.M
Run #: 430062
Instrument: Apollo
Sequence: 140430
Dilution Factor: 20
Initials: LA

Printed: 5/2/2014 11:49:33 AM
APPL-F1-SC-NoMC-REG MDLs

TPH Diesel Soil EPA 8015B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

ARF: 73232

Sample ID: SB-3@105'

APPL ID: AY95640

Sample Collection Date: 4/24/2014

QCG: #TPHDS-140430A-186428

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	Not detected	1000	646.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	MOTOR OIL	Not detected	10000	3510.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	104	47-140		%	04/30/14	05/01/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	93.9	58-128		%	04/30/14	05/01/14

Quant Method: TPH14S30.M
Run #: 430040
Instrument: Apollo
Sequence: 140430
Dilution Factor: 1
Initials: LA

Printed: 5/2/2014 11:49:33 AM
APPL-F1-SC-NoMC-REG MDLs

TPH Diesel Soil EPA 8015B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@110'

Sample Collection Date: 4/24/2014

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95641

QCG: #TPHDS-140430A-186428

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	Not detected	1000	646.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	MOTOR OIL	Not detected	10000	3510.0	ug/kg	04/30/14	05/01/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	91.4	47-140		%	04/30/14	05/01/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	90.3	58-128		%	04/30/14	05/01/14

Quant Method: TPH14S30.M
Run #: 430058
Instrument: Apollo
Sequence: 140430
Dilution Factor: 1
Initials: LA

Printed: 5/2/2014 11:49:33 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@5'

Sample Collection Date: 04/23/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95637

QCG: #SIMS-140425A-186466

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/25/14	05/02/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/25/14	05/02/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/25/14	05/02/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/25/14	05/02/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/25/14	05/02/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/25/14	05/02/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	48.9	45-105		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	78.9	35-100		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	83.2	30-125		%	04/25/14	05/02/14

Quant Method: SIM.M
Run #: 0501L032
Instrument: Linus
Sequence: L140501
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 12:25:15 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@10'

Sample Collection Date: 04/23/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95638

QCG: #SIMS-140425A-186466

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/25/14	05/02/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/25/14	05/02/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/25/14	05/02/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/25/14	05/02/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/25/14	05/02/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/25/14	05/02/14
8270C-SIM	SURROGATE: 2-FLUOROBIPHENYL (S)	94.4	45-105		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	53.6	35-100		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	45.2	30-125		%	04/25/14	05/02/14

Quant Method: SIM.M
Run #: 0501L033
Instrument: Linus
Sequence: L140501
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 12:25:15 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@50'

Sample Collection Date: 04/23/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95639

QCG: #SIMS-140425A-186466

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	13000 E	5.0	0.94	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHENE	75	5.0	0.97	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHYLENE	42	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	ANTHRACENE	23	5.0	0.83	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZ(A)ANTHRACENE	14	5.0	0.91	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(A)PYRENE	3.3 J	5.0	0.93	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(B)FLUORANTHENE	6.1	5.0	1.11	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(G,H,I)PERYLENE	5.5	5.0	1.34	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(K)FLUORANTHENE	4.7 J	5.0	1.04	ug/kg	04/25/14	05/02/14
8270C-SIM	CHRYSENE	9.2	5.0	0.85	ug/kg	04/25/14	05/02/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORANTHENE	16	5.0	1.20	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORENE	62	5.0	1.00	ug/kg	04/25/14	05/02/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	1.0 J	5.0	0.90	ug/kg	04/25/14	05/02/14
8270C-SIM	NAPHTHALENE	13000 E	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	PHENANTHRENE	87	5.0	1.10	ug/kg	04/25/14	05/02/14
8270C-SIM	PYRENE	32	5.0	1.24	ug/kg	04/25/14	05/02/14
8270C-SIM	SURROGATE: 2-FLUOROBIPHENYL (S)	87.2	45-105		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	317 #	35-100		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	81.8	30-125		%	04/25/14	05/02/14

J = Estimated value.

E = The reported value exceeds linear range.

= Recovery (or RPD) is outside QC limits.

Quant Method: SIM.M
Run #: 0501L034
Instrument: Linus
Sequence: L140501
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 12:25:15 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID - Dilution

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@50'

Sample Collection Date: 04/23/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95639

QCG: #SIMS-140425A-186466

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	19000	100.0	18.80	ug/kg	04/25/14	05/02/14
8270C-SIM	NAPHTHALENE	20000	100.0	17.80	ug/kg	04/25/14	05/02/14

Quant Method: SIM.M
Run #: 0501L040
Instrument: Linus
Sequence: L140501
Dilution Factor: 20
Initials: LF

Printed: 05/02/14 12:25:15 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@105'

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95640

QCG: #SIMS-140425A-186466

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/25/14	05/02/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/25/14	05/02/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/25/14	05/02/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/25/14	05/02/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/25/14	05/02/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/25/14	05/02/14
8270C-SIM	SURROGATE: 2-FLUOROBIPHENYL (S)	48.9	45-105		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	76.0	35-100		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	70.7	30-125		%	04/25/14	05/02/14

Quant Method: SIM.M
Run #: 0501L035
Instrument: Linus
Sequence: L140501
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 12:25:15 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@110'

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95641

QCG: #SIMS-140425A-186466

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/25/14	05/02/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/25/14	05/02/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/25/14	05/02/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/25/14	05/02/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/25/14	05/02/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/25/14	05/02/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/25/14	05/02/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/25/14	05/02/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/25/14	05/02/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	48.4	45-105		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	85.4	35-100		%	04/25/14	05/02/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	74.5	30-125		%	04/25/14	05/02/14

Quant Method: SIM.M
Run #: 0501L036
Instrument: Linus
Sequence: L140501
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 12:25:15 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - Water

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: HP-3@118'

Sample Collection Date: 04/24/14

ARF: 73232

APPL ID: AY95642

QCG: #SIM-140429A-186465

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	0.61	0.2	0.06	ug/L	04/29/14	05/01/14
8270C-SIM	ACENAPHTHENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
8270C-SIM	ACENAPHTHYLENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
8270C-SIM	ANTHRACENE	Not detected	0.2	0.05	ug/L	04/29/14	05/01/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
8270C-SIM	BENZO(A)PYRENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	0.2	0.08	ug/L	04/29/14	05/01/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
8270C-SIM	CHRYSENE	Not detected	0.2	0.05	ug/L	04/29/14	05/01/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	0.2	0.05	ug/L	04/29/14	05/01/14
8270C-SIM	FLUORANTHENE	Not detected	0.2	0.08	ug/L	04/29/14	05/01/14
8270C-SIM	FLUORENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
8270C-SIM	NAPHTHALENE	2.1	0.2	0.05	ug/L	04/29/14	05/01/14
8270C-SIM	PHENANTHRENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
8270C-SIM	PYRENE	Not detected	0.2	0.08	ug/L	04/29/14	05/01/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	64.0	50-110		%	04/29/14	05/01/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	73.5	40-110		%	04/29/14	05/01/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	77.4	50-135		%	04/29/14	05/01/14

Quant Method: SIM.M
Run #: 0501L017
Instrument: Linus
Sequence: L140501
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 12:25:15 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - Water

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: HP-3@118' DUP

Sample Collection Date: 04/24/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95643

QCG: #SIM-140429A-186465

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	0.65	0.2	0.06	ug/L	04/29/14	05/02/14
8270C-SIM	ACENAPHTHENE	Not detected	0.2	0.06	ug/L	04/29/14	05/02/14
8270C-SIM	ACENAPHTHYLENE	Not detected	0.2	0.06	ug/L	04/29/14	05/02/14
8270C-SIM	ANTHRACENE	Not detected	0.2	0.05	ug/L	04/29/14	05/02/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	0.2	0.07	ug/L	04/29/14	05/02/14
8270C-SIM	BENZO(A)PYRENE	Not detected	0.2	0.06	ug/L	04/29/14	05/02/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	0.2	0.06	ug/L	04/29/14	05/02/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	0.2	0.08	ug/L	04/29/14	05/02/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	0.2	0.07	ug/L	04/29/14	05/02/14
8270C-SIM	CHRYSENE	Not detected	0.2	0.05	ug/L	04/29/14	05/02/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	0.2	0.05	ug/L	04/29/14	05/02/14
8270C-SIM	FLUORANTHENE	Not detected	0.2	0.08	ug/L	04/29/14	05/02/14
8270C-SIM	FLUORENE	Not detected	0.2	0.06	ug/L	04/29/14	05/02/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	0.2	0.07	ug/L	04/29/14	05/02/14
8270C-SIM	NAPHTHALENE	1.5	0.2	0.05	ug/L	04/29/14	05/02/14
8270C-SIM	PHENANTHRENE	Not detected	0.2	0.07	ug/L	04/29/14	05/02/14
8270C-SIM	PYRENE	Not detected	0.2	0.08	ug/L	04/29/14	05/02/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	65.7	50-110		%	04/29/14	05/02/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	95.7	40-110		%	04/29/14	05/02/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	95.4	50-135		%	04/29/14	05/02/14

Quant Method: SIM.M
Run #: 0501L018
Instrument: Linus
Sequence: L140501
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 12:25:15 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: HP-3@118' soil

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95769

QCG: #SIMS-140430A-186462

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/30/14	05/01/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/30/14	05/01/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/30/14	05/01/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/30/14	05/01/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/30/14	05/01/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/30/14	05/01/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/30/14	05/01/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/30/14	05/01/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/30/14	05/01/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/30/14	05/01/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/30/14	05/01/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/30/14	05/01/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/30/14	05/01/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/30/14	05/01/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/30/14	05/01/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/30/14	05/01/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/30/14	05/01/14
8270C-SIM	SURROGATE: 2-FLUOROBIPHENYL (S)	50.4	45-105		%	04/30/14	05/01/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	61.8	35-100		%	04/30/14	05/01/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	75.6	30-125		%	04/30/14	05/01/14

Quant Method: SIM.M
Run #: 0501Y016
Instrument: YODA
Sequence: Y140501P
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 12:25:15 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8270C - SOLID

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: HP-3@118' DUP soil

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95770

QCG: #SIMS-140430A-186462

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/30/14	05/01/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/30/14	05/01/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/30/14	05/01/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/30/14	05/01/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/30/14	05/01/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/30/14	05/01/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/30/14	05/01/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/30/14	05/01/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/30/14	05/01/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/30/14	05/01/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/30/14	05/01/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/30/14	05/01/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	04/30/14	05/01/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/30/14	05/01/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/30/14	05/01/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/30/14	05/01/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	04/30/14	05/01/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	48.4	45-105		%	04/30/14	05/01/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	51.4	35-100		%	04/30/14	05/01/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	73.9	30-125		%	04/30/14	05/01/14

Quant Method: SIM.M
Run #: 0501Y017
Instrument: YODA
Sequence: Y140501P
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 12:25:15 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@5'

Sample Collection Date: 04/23/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95637

QCG: #26US-140425AT-186390

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/25/14	04/25/14
EPA 8260B	BENZENE	Not detected	5.0	0.63	ug/Kg	04/25/14	04/25/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/25/14	04/25/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/25/14	04/25/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/25/14	04/25/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/25/14	04/25/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/25/14	04/25/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/25/14	04/25/14
EPA 8260B	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/25/14	04/25/14
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	04/25/14	04/25/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	111	52-149		%	04/25/14	04/25/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	103	65-135		%	04/25/14	04/25/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	105	65-135		%	04/25/14	04/25/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	94.9	65-135		%	04/25/14	04/25/14

Quant Method: TALLS.M
Run #: 0425T23
Instrument: Thor
Sequence: T140424
Dilution Factor: 1
Initials: DG

Printed: 05/05/14 1:52:28 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@5'

Sample Collection Date: 04/23/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95637

QCG: #8260S-140425AT-186391

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/25/14	04/25/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/25/14	04/25/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/25/14	04/25/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/25/14	04/25/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/25/14	04/25/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/25/14	04/25/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/25/14	04/25/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/25/14	04/25/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/25/14	04/25/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/25/14	04/25/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/25/14	04/25/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/25/14	04/25/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/25/14	04/25/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/25/14	04/25/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/25/14	04/25/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/25/14	04/25/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/25/14	04/25/14
EPA 8260B	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/25/14	04/25/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/25/14	04/25/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/25/14	04/25/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/25/14	04/25/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/25/14	04/25/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/25/14	04/25/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	111	59-120		%	04/25/14	04/25/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	103	82-121		%	04/25/14	04/25/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	105	74-122		%	04/25/14	04/25/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	94.9	71-127		%	04/25/14	04/25/14

Quant Method: TALLS.M
Run #: 0425T23
Instrument: Thor
Sequence: T140424
Dilution Factor: 1
Initials: DG

Printed: 05/05/14 3:14:34 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@10'

Sample Collection Date: 04/23/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95638

QCG: #26US-140425AT-186390

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/25/14	04/25/14
EPA 8260B	BENZENE	Not detected	5.0	0.63	ug/Kg	04/25/14	04/25/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/25/14	04/25/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/25/14	04/25/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/25/14	04/25/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/25/14	04/25/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/25/14	04/25/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/25/14	04/25/14
EPA 8260B	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/25/14	04/25/14
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	04/25/14	04/25/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	110	52-149		%	04/25/14	04/25/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	103	65-135		%	04/25/14	04/25/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	108	65-135		%	04/25/14	04/25/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	93.8	65-135		%	04/25/14	04/25/14

Quant Method: TALLS.M
Run #: 0425T24
Instrument: Thor
Sequence: T140424
Dilution Factor: 1
Initials: DG

Printed: 05/05/14 1:52:28 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@10'

Sample Collection Date: 04/23/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95638

QCG: #8260S-140425AT-186391

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/25/14	04/25/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/25/14	04/25/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/25/14	04/25/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/25/14	04/25/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/25/14	04/25/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/25/14	04/25/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/25/14	04/25/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/25/14	04/25/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/25/14	04/25/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/25/14	04/25/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/25/14	04/25/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/25/14	04/25/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/25/14	04/25/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/25/14	04/25/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/25/14	04/25/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/25/14	04/25/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/25/14	04/25/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/25/14	04/25/14
EPA 8260B	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/25/14	04/25/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/25/14	04/25/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/25/14	04/25/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/25/14	04/25/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/25/14	04/25/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/25/14	04/25/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	110	59-120		%	04/25/14	04/25/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	103	82-121		%	04/25/14	04/25/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	108	74-122		%	04/25/14	04/25/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	93.8	71-127		%	04/25/14	04/25/14

Quant Method: TALLS.M
Run #: 0425T24
Instrument: Thor
Sequence: T140424
Dilution Factor: 1
Initials: DG

Printed: 05/05/14 3:14:35 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX OXY W - UST MEOH

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@50'

Sample Collection Date: 04/23/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95639

QCG: #26USM-140430AM-186478

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	600.0	140.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	600.0	200.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	BENZENE	170 J	400.0	160.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	500.0	160.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	500.0	190.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	ETHYLBENZENE	240000 E	600.0	230.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	500.0	190.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	500.0	140.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25000.0	10000.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	TOLUENE	360000 E	1100.0	170.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	XYLENES	1300000 E	500.0	190.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	97.8	75-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	112	62-139		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	93.3	75-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	93.1	75-125		%	04/30/14	04/30/14

J = Estimated value.

E = The reported value exceeds linear range.

Quant Method: MALLW2.M
Run #: 0430M22
Instrument: MAX
Sequence: M140428
Dilution Factor: 1000
Initials: SV

Printed: 05/05/14 2:39:32 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX OXY W - UST MEOH

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@50'

Sample Collection Date: 04/23/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95639

QCG: #26USM-140501AM-186479

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	ETHYLBENZENE	220000	6000.0	2300.00	ug/Kg	05/01/14	05/01/14
EPA 8260B	TOLUENE	390000	11000.0	1700.00	ug/Kg	05/01/14	05/01/14
EPA 8260B	XYLENES	1400000	5000.0	1900.00	ug/Kg	05/01/14	05/01/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	99.6	75-125		%	05/01/14	05/01/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	97.4	62-139		%	05/01/14	05/01/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	98.0	75-125		%	05/01/14	05/01/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	94.6	75-125		%	05/01/14	05/01/14

Quant Method: MALLW2.M
Run #: 0501M15
Instrument: MAX
Sequence: M140428
Dilution Factor: 10000
Initials: SV

Printed: 05/05/14 2:40:18 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B MEOH

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@50'

Sample Collection Date: 04/23/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95639

QCG: #8260S-140430AM-186481

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	391.0	130.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	391.0	140.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	391.0	270.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	391.0	200.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	782.0	190.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	391.0	300.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	391.0	170.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	391.0	170.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	391.0	110.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	391.0	190.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	BROMOBENZENE	Not detected	391.0	160.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	391.0	140.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	BROMOFORM	Not detected	391.0	140.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	BROMOMETHANE	Not detected	782.0	240.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	391.0	100.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	CHLOROBENZENE	Not detected	391.0	210.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	CHLOROETHANE	Not detected	391.0	210.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	CHLOROFORM	Not detected	391.0	160.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	CHLOROMETHANE	Not detected	391.0	310.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	391.0	160.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	391.0	150.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	391.0	190.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	DIBROMOMETHANE	Not detected	391.0	200.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	782.0	190.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	FREON-113	Not detected	391.0	210.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	3910.0	350.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	TETRACHLOROETHENE	Not detected	391.0	150.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	391.0	190.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	391.0	180.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	TRICHLOROETHENE	Not detected	391.0	160.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	391.0	240.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	VINYL CHLORIDE	Not detected	391.0	230.00	ug/Kg	04/30/14	04/30/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	97.8	70-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	112	72-133		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: DIBROMOFLUOROBEN	93.3	78-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	93.1	73-124		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M22
Instrument: MAX
Sequence: M140428
Dilution Factor: 1000
Initials: SV

Printed: 05/05/14 3:19:01 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: **SB-3@105'**

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: **AY95640**

QCG: #26US-140428AT-186388

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/28/14	04/28/14
EPA 8260B	BENZENE	Not detected	5.0	0.63	ug/Kg	04/28/14	04/28/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/28/14	04/28/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/28/14	04/28/14
EPA 8260B	ETHYLBENZENE	4.4 J	5.0	0.64	ug/Kg	04/28/14	04/28/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/28/14	04/28/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/28/14	04/28/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/28/14	04/28/14
EPA 8260B	TOLUENE	21	5.0	0.65	ug/Kg	04/28/14	04/28/14
EPA 8260B	XYLENES	20	5.0	0.68	ug/Kg	04/28/14	04/28/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	105	52-149		%	04/28/14	04/28/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	107	65-135		%	04/28/14	04/28/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	99.1	65-135		%	04/28/14	04/28/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	103	65-135		%	04/28/14	04/28/14

J = Estimated value.

Quant Method: TALLS.M
Run #: 0428T21
Instrument: Thor
Sequence: T140428
Dilution Factor: 1
Initials: DG

Printed: 05/05/14 1:52:28 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@105'

Sample Collection Date: 04/24/14

ARF: 73232

APPL ID: AY95640

QCG: #8260S-140428AT1-186389

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/28/14	04/28/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/28/14	04/28/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/28/14	04/28/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/28/14	04/28/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/28/14	04/28/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/28/14	04/28/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/28/14	04/28/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/28/14	04/28/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/28/14	04/28/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/28/14	04/28/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/28/14	04/28/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/28/14	04/28/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/28/14	04/28/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/28/14	04/28/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/28/14	04/28/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/28/14	04/28/14
EPA 8260B	METHYLENE CHLORIDE	11 J	50.0	4.58	ug/Kg	04/28/14	04/28/14
EPA 8260B	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/28/14	04/28/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/28/14	04/28/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/28/14	04/28/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/28/14	04/28/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/28/14	04/28/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/28/14	04/28/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	105	59-120		%	04/28/14	04/28/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	107	82-121		%	04/28/14	04/28/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	99.1	74-122		%	04/28/14	04/28/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	103	71-127		%	04/28/14	04/28/14

J = Estimated value.

Quant Method: TALLS.M
Run #: 0428T21
Instrument: Thor
Sequence: T140428
Dilution Factor: 1
Initials: DG

Printed: 05/05/14 3:14:35 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy S - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@110'

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95641

QCG: #26US-140428AT-186388

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/28/14	04/28/14
EPA 8260B	BENZENE	Not detected	5.0	0.63	ug/Kg	04/28/14	04/28/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/28/14	04/28/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/28/14	04/28/14
EPA 8260B	ETHYLBENZENE	4.7 J	5.0	0.64	ug/Kg	04/28/14	04/28/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	04/28/14	04/28/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/28/14	04/28/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/28/14	04/28/14
EPA 8260B	TOLUENE	24	5.0	0.65	ug/Kg	04/28/14	04/28/14
EPA 8260B	XYLENES	24	5.0	0.68	ug/Kg	04/28/14	04/28/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	104	52-149		%	04/28/14	04/28/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	107	65-135		%	04/28/14	04/28/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	101	65-135		%	04/28/14	04/28/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	101	65-135		%	04/28/14	04/28/14

J = Estimated value.

Quant Method: TALLS.M
Run #: 0428T22
Instrument: Thor
Sequence: T140428
Dilution Factor: 1
Initials: DG

Printed: 05/05/14 1:52:28 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B SOIL

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@110'

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95641

QCG: #8260S-140428AT1-186389

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/28/14	04/28/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/28/14	04/28/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/28/14	04/28/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/28/14	04/28/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/28/14	04/28/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/28/14	04/28/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/28/14	04/28/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/28/14	04/28/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/28/14	04/28/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/28/14	04/28/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/28/14	04/28/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/28/14	04/28/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/28/14	04/28/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/28/14	04/28/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/28/14	04/28/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/28/14	04/28/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	04/28/14	04/28/14
EPA 8260B	METHYLENE CHLORIDE	8.7 J	50.0	4.58	ug/Kg	04/28/14	04/28/14
EPA 8260B	TETRACHLOROETHENE	11	5.0	0.54	ug/Kg	04/28/14	04/28/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/28/14	04/28/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/28/14	04/28/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/28/14	04/28/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/28/14	04/28/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/28/14	04/28/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	104	59-120		%	04/28/14	04/28/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBEN	107	82-121		%	04/28/14	04/28/14
EPA 8260B	SURROGATE: DIBROMOFLUOROBEN	101	74-122		%	04/28/14	04/28/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	101	71-127		%	04/28/14	04/28/14

J = Estimated value.

Quant Method: TALLS.M
Run #: 0428T22
Instrument: Thor
Sequence: T140428
Dilution Factor: 1
Initials: DG

Printed: 05/05/14 3:14:35 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: HP-3@118'

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95642

QCG: #26UW-140430AM-186433

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	1.0	0.6	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/30/14	04/30/14
EPA 8260B	BENZENE	0.66	0.4	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	ETHYLBENZENE	130	0.6	0.23	ug/L	04/30/14	04/30/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/30/14	04/30/14
EPA 8260B	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/30/14	04/30/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/30/14	04/30/14
EPA 8260B	TOLUENE	440 E	1.1	0.17	ug/L	04/30/14	04/30/14
EPA 8260B	XYLENES	820 E	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	102	75-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	102	62-139		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	101	75-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.2	75-125		%	04/30/14	04/30/14

E = The reported value exceeds linear range.

Quant Method: MALLW2.M
Run #: 0430M12
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: SV

Printed: 05/05/14 3:05:37 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST - Dilution

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: HP-3@118'

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95642

QCG: #26UW-140430AM-186433

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	TOLUENE	400	11.0	1.70	ug/L	04/30/14	04/30/14
EPA 8260B	XYLENES	660	5.0	1.90	ug/L	04/30/14	04/30/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	99.0	75-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	98.9	62-139		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	97.0	75-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	95.7	75-125		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M18
Instrument: MAX
Sequence: M140428
Dilution Factor: 10
Initials: SV

Printed: 05/05/14 1:52:28 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: HP-3@118'

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95642

QCG: #8260-140430AM-186432

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/30/14	04/30/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/30/14	04/30/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/30/14	04/30/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/30/14	04/30/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/30/14	04/30/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/30/14	04/30/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/30/14	04/30/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/30/14	04/30/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/30/14	04/30/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/30/14	04/30/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/30/14	04/30/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/30/14	04/30/14
EPA 8260B	TETRACHLOROETHENE	77	0.5	0.24	ug/L	04/30/14	04/30/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/30/14	04/30/14
EPA 8260B	TRICHLOROETHENE	0.64	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/30/14	04/30/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/30/14	04/30/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	102	70-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	102	72-133		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	101	78-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.2	73-124		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M12
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: SV

Printed: 05/05/14 3:14:35 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: HP-3@118' DUP

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95643

QCG: #26UW-140430AM-186433

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	0.99	0.6	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/30/14	04/30/14
EPA 8260B	BENZENE	0.64	0.4	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	ETHYLBENZENE	130	0.6	0.23	ug/L	04/30/14	04/30/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/30/14	04/30/14
EPA 8260B	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/30/14	04/30/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/30/14	04/30/14
EPA 8260B	TOLUENE	440 E	1.1	0.17	ug/L	04/30/14	04/30/14
EPA 8260B	XYLENES	820 E	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	99.8	75-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	100	62-139		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	101	75-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.3	75-125		%	04/30/14	04/30/14

E = The reported value exceeds linear range.

Quant Method: MALLW2.M
Run #: 0430M13
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: SV

Printed: 05/05/14 3:05:37 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST - Dilution

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: HP-3@118' DUP

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95643

QCG: #26UW-140430AM-186433

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	TOLUENE	420	11.0	1.70	ug/L	04/30/14	04/30/14
EPA 8260B	XYLENES	680	5.0	1.90	ug/L	04/30/14	04/30/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	98.7	75-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	95.8	62-139		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	97.6	75-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	93.9	75-125		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M19
Instrument: MAX
Sequence: M140428
Dilution Factor: 10
Initials: SV

Printed: 05/05/14 1:52:28 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: HP-3@118' DUP

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95643

QCG: #8260-140430AM-186432

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/30/14	04/30/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/30/14	04/30/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/30/14	04/30/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/30/14	04/30/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/30/14	04/30/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/30/14	04/30/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/30/14	04/30/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/30/14	04/30/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/30/14	04/30/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/30/14	04/30/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/30/14	04/30/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/30/14	04/30/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/30/14	04/30/14
EPA 8260B	TETRACHLOROETHENE	76	0.5	0.24	ug/L	04/30/14	04/30/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/30/14	04/30/14
EPA 8260B	TRICHLOROETHENE	0.64	0.5	0.16	ug/L	04/30/14	04/30/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/30/14	04/30/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/30/14	04/30/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	99.8	70-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	100	72-133		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	101	78-125		%	04/30/14	04/30/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	97.3	73-124		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M13
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: SV

Printed: 05/05/14 3:14:35 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: Equip Blank

Sample Collection Date: 04/24/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95644

QCG: #26UW-140429AM-186368

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	BENZENE	Not detected	0.4	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/29/14	04/29/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/29/14	04/29/14
EPA 8260B	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/29/14	04/29/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/29/14	04/29/14
EPA 8260B	TOLUENE	Not detected	1.1	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	102	75-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	100	62-139		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	103	75-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	99.5	75-125		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M14
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: DG

Printed: 05/06/14 7:11:22 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: Equip Blank

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95644

QCG: #8260-140429AM-186370

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/29/14	04/29/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/29/14	04/29/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/29/14	04/29/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/29/14	04/29/14
EPA 8260B	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/29/14	04/29/14
EPA 8260B	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/29/14	04/29/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	102	70-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	100	72-133		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	103	78-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	99.5	73-124		%	04/29/14	04/29/14

Quant Method: MALLW2.M

Run #: 0429M14

Instrument: MAX

Sequence: M140428

Dilution Factor: 1

Initials: DG

Printed: 05/06/14 7:11:22 AM

APPL-F1-SC-NoMC-REG MDLs

EPA 8260B BTEX Oxy W - UST

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: Trip Blank

Sample Collection Date: 04/24/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95645

QCG: #26UW-140429AM-186368

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	BENZENE	Not detected	0.4	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/29/14	04/29/14
EPA 8260B	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/29/14	04/29/14
EPA 8260B	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/29/14	04/29/14
EPA 8260B	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/29/14	04/29/14
EPA 8260B	TOLUENE	Not detected	1.1	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	101	75-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	101	62-139		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	103	75-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	102	75-125		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M11
Instrument: MAX
Sequence: M140428
Dilution Factor: 1
Initials: DG

Printed: 05/06/14 7:11:22 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

ARF: 73232

Sample ID: Trip Blank

APPL ID: AY95645

Sample Collection Date: 04/24/14

QCG: #8260-140429AM-186370

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/29/14	04/29/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/29/14	04/29/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/29/14	04/29/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/29/14	04/29/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/29/14	04/29/14
EPA 8260B	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/29/14	04/29/14
EPA 8260B	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/29/14	04/29/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	101	70-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	101	72-133		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	103	78-125		%	04/29/14	04/29/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	102	73-124		%	04/29/14	04/29/14

Quant Method: MALLW2.M

Run #: 0429M11

Instrument: MAX

Sequence: M140428

Dilution Factor: 1

Initials: DG

Printed: 05/06/14 7:11:22 AM

APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@5'

Sample Collection Date: 04/23/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95637

QCG: #GASS-140430A-186457

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	04/30/14	04/30/14
EPA 8015	SURROGATE: BFB-FID (S)	92.0	76-131		%	04/30/14	04/30/14

Quant Method: HGAS.M
Run #: 0430H12
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 10:35:19 AM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@10'

Sample Collection Date: 04/23/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95638

QCG: #GASS-140430A-186457

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	04/30/14	04/30/14
EPA 8015	SURROGATE: BFB-FID (S)	101	76-131		%	04/30/14	04/30/14

Quant Method: HGAS.M
Run #: 0430H13
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 10:35:19 AM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@50'

Sample Collection Date: 04/23/14

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95639

QCG: #GASS-140430A-186457

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	10000000	500000	170000.0	ug/Kg	04/30/14	04/30/14
EPA 8015	SURROGATE: BFB-FID (S)	268 #	76-131		%	04/30/14	04/30/14

= Recovery (or RPD) is outside QC limits.

Quant Method: HGAS.M
Run #: 0430H18
Instrument: Harpo
Sequence: 131015
Dilution Factor: 500
Initials: LF

Printed: 05/02/14 10:35:19 AM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@105'

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95640

QCG: #GASS-140430A-186457

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	15000	1000	340.0	ug/Kg	04/30/14	04/30/14
EPA 8015	SURROGATE: BFB-FID (S)	99.9	76-131		%	04/30/14	04/30/14

Quant Method: HGAS.M
Run #: 0430H14
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 10:35:19 AM
APPL-F1-SC-NoMC-REG MDLs

Gas analysis-soil

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: SB-3@110'

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95641

QCG: #GASS-140430A-186457

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	3500	1000	340.0	ug/Kg	04/30/14	04/30/14
EPA 8015	SURROGATE: BFB-FID (S)	91.7	76-131		%	04/30/14	04/30/14

Quant Method: HGAS.M
Run #: 0430H15
Instrument: Harpo
Sequence: 131015
Dilution Factor: 1
Initials: LF

Printed: 05/02/14 10:35:19 AM
APPL-F1-SC-NoMC-REG MDLs

Gas-Water

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: HP-3@118'

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95642

QCG: #GAS-140430A-186456

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8015	GASOLINE	3300	200.0	86.00	ug/L	04/30/14	04/30/14
8015	SURROGATE: BFB-FID (S)	82.4	70-130		%	04/30/14	04/30/14

Quant Method: HGAS.M
Run #: 0430H20
Instrument: Harpo
Sequence: 131015
Dilution Factor: 10
Initials: LF

Printed: 05/02/14 10:35:19 AM
APPL-F1-SC-NoMC-REG MDLs

Gas-Water

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Project: Phase II ESA - 655 G St. 18715311.40000

Sample ID: HP-3@118' DUP

Sample Collection Date: 04/24/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73232

APPL ID: AY95643

QCG: #GAS-140430A-186456

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8015	GASOLINE	3000	200.0	86.00	ug/L	05/01/14	05/01/14
8015	SURROGATE: BFB-FID (S)	129	70-130		%	05/01/14	05/01/14

Quant Method: HGAS.M
Run #: 0430H21
Instrument: Harpo
Sequence: 131015
Dilution Factor: 10
Initials: LF

Printed: 05/02/14 10:35:19 AM
APPL-F1-SC-NoMC-REG MDLs

Metals Results

ARF: 73232

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

URS Corporation
30 River Park Place West, #180
Fresno, CA 93720

Attn: Frank Gegunde

Method	Analyte	Result	RL	MDL	Units	DF	Prep Date	Analysis Date
APPL ID: AY95637 -Client Sample ID: SB-3@5'		-Sample Collection Date: 04/23/14 Project: Phase II ESA - 655 G St.						
6020	LEAD (PB)	1.3	0.1	0.02	mg/Kg	1	05/01/14	05/09/14
APPL ID: AY95638 -Client Sample ID: SB-3@10'		-Sample Collection Date: 04/23/14 Project: Phase II ESA - 655 G St.						
6020	LEAD (PB)	1.1	0.1	0.02	mg/Kg	1	05/01/14	05/09/14
APPL ID: AY95639 -Client Sample ID: SB-3@50'		-Sample Collection Date: 04/23/14 Project: Phase II ESA - 655 G St.						
6020	LEAD (PB)	2.9	0.1	0.02	mg/Kg	1	05/01/14	05/09/14
APPL ID: AY95640 -Client Sample ID: SB-3@105'		-Sample Collection Date: 04/24/14 Project: Phase II ESA - 655 G St.						
6020	LEAD (PB)	3.7	0.1	0.02	mg/Kg	1	05/01/14	05/09/14
APPL ID: AY95641 -Client Sample ID: SB-3@110'		-Sample Collection Date: 04/24/14 Project: Phase II ESA - 655 G St.						
6020	LEAD (PB)	1.6	0.1	0.02	mg/Kg	1	05/01/14	05/09/14
APPL ID: AY95642 -Client Sample ID: HP-3@118'		-Sample Collection Date: 04/24/14 Project: Phase II ESA - 655 G St.						
6020	LEAD (PB) (DISSOLVED)	Not detected	0.2	0.11	ug/L	1	05/02/14	05/08/14
APPL ID: AY95643 -Client Sample ID: HP-3@118' DUP		-Sample Collection Date: 04/24/14 Project: Phase II ESA - 655 G St.						
6020	LEAD (PB) (DISSOLVED)	0.14 J	0.2	0.11	ug/L	1	05/02/14	05/08/14

J = Estimated value.

Printed: 05/12/14 2:24:59 PM

APPL-F1-SC-NoMC-REG MDLs

Method Blank
TPH Diesel Soil EPA 8015B

Blank Name/QCG: 140430S-95536 - 186428
Batch ID: #TPHDS-140430A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	DIESEL FUEL	Not detected	1000	646.0	ug/kg	4/30/2014	5/1/2014
BLANK	MOTOR OIL	Not detected	10000	3510.0	ug/kg	4/30/2014	5/1/2014
BLANK	SURROGATE: OCTACOSANE (S)	101	47-140		%	4/30/2014	5/1/2014
BLANK	SURROGATE: ORTHO-TERPHENYL (	95.4	58-128		%	4/30/2014	5/1/2014

Quant Method:TPH14S30.M
Run #:430030
Instrument:Apollo
Sequence:140430
Initials:LA

GC SC-Blank-REG MDLs
Printed: 5/2/2014 11:49:35 AM

Laboratory Control Spike Recovery
TPH Diesel Soil EPA 8015B

APPL ID: 140430S-95536 LCS - 186428

Batch ID: #TPHDS-140430A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
DIESEL FUEL	40000	34900	87.3	64-122
MOTOR OIL	40000	31500	78.8	50-150
SURROGATE: OCTACOSANE (S)	3000	3080	103	47-140
SURROGATE: ORTHO-TERPHENYL (S)	3000	3410	114	58-128

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	TPH14S30.M
Extraction Date :	4/30/2014
Analysis Date :	5/1/2014
Instrument :	Apollo
Run :	430031
Initials :	LA

Printed: 5/2/2014 11:49:31 AM

APPL Standard LCS

Method Blank

EPA 8270C - SOLID

Blank Name/QCG: 140425S-95536 - 186466
Batch ID: #SIMS-140425A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/25/14	05/02/14
BLANK	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/25/14	05/02/14
BLANK	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
BLANK	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/25/14	05/02/14
BLANK	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/25/14	05/02/14
BLANK	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/25/14	05/02/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/25/14	05/02/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/25/14	05/02/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/25/14	05/02/14
BLANK	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/25/14	05/02/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/25/14	05/02/14
BLANK	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/25/14	05/02/14
BLANK	FLUORENE	Not detected	5.0	1.00	ug/kg	04/25/14	05/02/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/25/14	05/02/14
BLANK	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/25/14	05/02/14
BLANK	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/25/14	05/02/14
BLANK	PYRENE	Not detected	5.0	1.24	ug/kg	04/25/14	05/02/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	57.3	45-105		%	04/25/14	05/02/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	75.6	35-100		%	04/25/14	05/02/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	79.7	30-125		%	04/25/14	05/02/14

Quant Method:SIM.M
Run #:0501L019
Instrument:Linus
Sequence:L140501
Initials:LF

GC SC-Blank-REG MDLs
Printed: 05/02/14 12:25:12 PM

Method Blank

EPA 8270C - SOLID

Blank Name/QCG: 140430S-95768 - 186462
Batch ID: #SIMS-140430A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	04/30/14	05/01/14
BLANK	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	04/30/14	05/01/14
BLANK	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	04/30/14	05/01/14
BLANK	ANTHRACENE	Not detected	5.0	0.83	ug/kg	04/30/14	05/01/14
BLANK	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	04/30/14	05/01/14
BLANK	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	04/30/14	05/01/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	04/30/14	05/01/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	04/30/14	05/01/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	04/30/14	05/01/14
BLANK	CHRYSENE	Not detected	5.0	0.85	ug/kg	04/30/14	05/01/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	04/30/14	05/01/14
BLANK	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	04/30/14	05/01/14
BLANK	FLUORENE	Not detected	5.0	1.00	ug/kg	04/30/14	05/01/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	04/30/14	05/01/14
BLANK	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	04/30/14	05/01/14
BLANK	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	04/30/14	05/01/14
BLANK	PYRENE	Not detected	5.0	1.24	ug/kg	04/30/14	05/01/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	69.1	45-105		%	04/30/14	05/01/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	64.4	35-100		%	04/30/14	05/01/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	94.6	30-125		%	04/30/14	05/01/14

Quant Method: SIM.M
Run #: 0501Y013
Instrument: YODA
Sequence: Y140501P
Initials: LF

GC SC-Blank-REG MDLs
Printed: 05/02/14 12:25:12 PM

Method Blank

EPA 8270C - Water

Blank Name/QCG: 140429W-95593 - 186465
Batch ID: #SIM-140429A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	2-METHYLNAPHTHALENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
BLANK	ACENAPHTHENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
BLANK	ACENAPHTHYLENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
BLANK	ANTHRACENE	Not detected	0.2	0.05	ug/L	04/29/14	05/01/14
BLANK	BENZ(A)ANTHRACENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
BLANK	BENZO(A)PYRENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	0.2	0.08	ug/L	04/29/14	05/01/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
BLANK	CHRYSENE	Not detected	0.2	0.05	ug/L	04/29/14	05/01/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	0.2	0.05	ug/L	04/29/14	05/01/14
BLANK	FLUORANTHENE	Not detected	0.2	0.08	ug/L	04/29/14	05/01/14
BLANK	FLUORENE	Not detected	0.2	0.06	ug/L	04/29/14	05/01/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
BLANK	NAPHTHALENE	Not detected	0.2	0.05	ug/L	04/29/14	05/01/14
BLANK	PHENANTHRENE	Not detected	0.2	0.07	ug/L	04/29/14	05/01/14
BLANK	PYRENE	Not detected	0.2	0.08	ug/L	04/29/14	05/01/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	87.8	50-110		%	04/29/14	05/01/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	94.6	40-110		%	04/29/14	05/01/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	109	50-135		%	04/29/14	05/01/14

Quant Method: SIM.M
Run #: 0501L014
Instrument: Linus
Sequence: L140501
Initials: LF

GC SC-Blank-REG MDLs
Printed: 05/02/14 12:25:12 PM

Laboratory Control Spike Recovery

EPA 8270C - SOLID

APPL ID: 140425S-95536 LCS - 186466

Batch ID: #SIMS-140425A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
2-METHYLNAPHTHALENE	133	64.4	48.4	45-105
ACENAPHTHENE	133	103	77.4	45-110
ACENAPHTHYLENE	133	106	79.7	45-105
ANTHRACENE	133	110	82.7	55-105
BENZ(A)ANTHRACENE	133	118	88.7	50-110
BENZO(A)PYRENE	133	128	96.2	50-110
BENZO(B)FLUORANTHENE	133	115	86.5	45-115
BENZO(G,H,I)PERYLENE	133	113	85.0	40-125
BENZO(K)FLUORANTHENE	133	86.6	65.1	45-125
CHRYSENE	133	104	78.2	55-110
DIBENZ(A,H)ANTHRACENE	133	119	89.5	40-125
FLUORANTHENE	133	150	113	55-115
FLUORENE	133	110	82.7	50-110
INDENO(1,2,3-CD)PYRENE	133	119	89.5	40-120
NAPHTHALENE	133	67.0	50.4	40-105
PHENANTHRENE	133	107	80.5	50-110
PYRENE	133	150	113	45-125
SURROGATE: 2-FLUORBIPHENYL (S)	66.7	45.2	67.8	45-105
SURROGATE: NITROBENZENE-D5 (S)	66.7	37.6	56.4	35-100
SURROGATE: TERPHENYL-D14 (S)	66.7	68.7	103	30-125

Comments: _____

Primary	SPK
Quant Method :	SIM.M
Extraction Date :	04/25/14
Analysis Date :	05/02/14
Instrument :	Linus
Run :	0501L020
Initials :	LF

Printed: 05/02/14 12:25:13 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8270C - SOLID

APPL ID: **140430S-95768 LCS - 186462**

Batch ID: #SIMS-140430A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
2-METHYLNAPHTHALENE	133	101	75.9	45-105
ACENAPHTHENE	133	69.9	52.6	45-110
ACENAPHTHYLENE	133	90.9	68.3	45-105
ANTHRACENE	133	129	97.0	55-105
BENZ(A)ANTHRACENE	133	132	99.2	50-110
BENZO(A)PYRENE	133	135	102	50-110
BENZO(B)FLUORANTHENE	133	124	93.2	45-115
BENZO(G,H,I)PERYLENE	133	137	103	40-125
BENZO(K)FLUORANTHENE	133	148	111	45-125
CHRYSENE	133	128	96.2	55-110
DIBENZ(A,H)ANTHRACENE	133	138	104	40-125
FLUORANTHENE	133	148	111	55-115
FLUORENE	133	105	78.9	50-110
INDENO(1,2,3-CD)PYRENE	133	109	82.0	40-120
NAPHTHALENE	133	73.7	55.4	40-105
PHENANTHRENE	133	121	91.0	50-110
PYRENE	133	140	105	45-125
SURROGATE: 2-FLUORBIPHENYL (S)	66.7	42.9	64.3	45-105
SURROGATE: NITROBENZENE-D5 (S)	66.7	39.2	58.8	35-100
SURROGATE: TERPHENYL-D14 (S)	66.7	55.6	83.4	30-125

Comments: _____

Primary	SPK
Quant Method :	SIM.M
Extraction Date :	04/30/14
Analysis Date :	05/01/14
Instrument :	YODA
Run :	0501Y014
Initials :	LF

Printed: 05/02/14 12:25:13 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8270C - Water

APPL ID: 140429W-95593 LCS - 186465
Batch ID: #SIM-140429A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
2-METHYLNAPHTHALENE	4.00	2.67	66.8	45-105
ACENAPHTHENE	4.00	3.08	77.0	45-110
ACENAPHTHYLENE	4.00	3.25	81.3	50-105
ANTHRACENE	4.00	3.44	86.0	55-110
BENZ(A)ANTHRACENE	4.00	3.90	97.5	55-110
BENZO(A)PYRENE	4.00	3.68	92.0	55-110
BENZO(B)FLUORANTHENE	4.00	4.13	103	45-120
BENZO(G,H,I)PERYLENE	4.00	3.72	93.0	40-125
BENZO(K)FLUORANTHENE	4.00	3.92	98.0	45-125
CHRYSENE	4.00	3.50	87.5	55-110
DIBENZ(A,H)ANTHRACENE	4.00	3.78	94.5	40-125
FLUORANTHENE	4.00	3.86	96.5	55-115
FLUORENE	4.00	3.32	83.0	50-110
INDENO(1,2,3-CD)PYRENE	4.00	3.32	83.0	45-125
NAPHTHALENE	4.00	2.80	70.0	40-100
PHENANTHRENE	4.00	3.55	88.8	50-115
PYRENE	4.00	4.09	102	50-130
SURROGATE: 2-FLUORBIPHENYL (S)	2.00	1.39	69.5	50-110
SURROGATE: NITROBENZENE-D5 (S)	2.00	1.43	71.5	40-110
SURROGATE: TERPHENYL-D14 (S)	2.00	1.71	85.5	50-135

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	SIM.M
Extraction Date :	04/29/14
Analysis Date :	05/01/14
Instrument :	Linus
Run :	0501L015
Initials :	LF

Printed: 05/02/14 12:25:13 PM
APPL Standard LCS

Method Blank
EPA 8260B BTEX Oxy S - UST

Blank Name/QCG: **140425S-95637 - 186390**
 Batch ID: #26US-140425AT

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/25/14	04/25/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/25/14	04/25/14
BLANK	BENZENE	Not detected	5.0	0.63	ug/Kg	04/25/14	04/25/14
BLANK	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/25/14	04/25/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/25/14	04/25/14
BLANK	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/25/14	04/25/14
BLANK	MTBE	Not detected	5.0	1.50	ug/Kg	04/25/14	04/25/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/25/14	04/25/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/25/14	04/25/14
BLANK	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/25/14	04/25/14
BLANK	XYLENES	Not detected	5.0	0.68	ug/Kg	04/25/14	04/25/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	99.2	52-149		%	04/25/14	04/25/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	98.8	65-135		%	04/25/14	04/25/14
BLANK	SURROGATE: DIBROMOFLUOROME	102	65-135		%	04/25/14	04/25/14
BLANK	SURROGATE: TOLUENE-D8 (S)	97.1	65-135		%	04/25/14	04/25/14

Quant Method: TALLS.M
 Run #: 0425T10
 Instrument: Thor
 Sequence: T140424
 Initials: DG

GC SC-Blank-REG MDLs
 Printed: 05/05/14 1:52:19 PM

Method Blank

EPA 8260B SOIL

Blank Name/QCG: 140425S-95637 - 186391
Batch ID: #8260S-140425AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/25/14	04/25/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/25/14	04/25/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/25/14	04/25/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/25/14	04/25/14
BLANK	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/25/14	04/25/14
BLANK	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/25/14	04/25/14
BLANK	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/25/14	04/25/14
BLANK	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/25/14	04/25/14
BLANK	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/25/14	04/25/14
BLANK	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/25/14	04/25/14
BLANK	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/25/14	04/25/14
BLANK	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/25/14	04/25/14
BLANK	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/25/14	04/25/14
BLANK	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/25/14	04/25/14
BLANK	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/25/14	04/25/14
BLANK	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/25/14	04/25/14
BLANK	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/25/14	04/25/14
BLANK	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/25/14	04/25/14
BLANK	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/25/14	04/25/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/25/14	04/25/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/25/14	04/25/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/25/14	04/25/14
BLANK	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/25/14	04/25/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/25/14	04/25/14
BLANK	FREON 113	Not detected	10.0	0.83	ug/Kg	04/25/14	04/25/14
BLANK	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/25/14	04/25/14
BLANK	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/25/14	04/25/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/25/14	04/25/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/25/14	04/25/14
BLANK	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/25/14	04/25/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/25/14	04/25/14
BLANK	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/25/14	04/25/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	99.2	59-120		%	04/25/14	04/25/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	98.8	82-121		%	04/25/14	04/25/14

Quant Method: TALLS.M
Run #: 0425T10
Instrument: Thor
Sequence: T140424
Initials: DG

GC SC-Blank-REG MDLs
Printed: 05/05/14 3:14:29 PM

Method Blank
EPA 8260B SOIL

Blank Name/QCG: **140425S-95637 - 186391**
Batch ID: #8260S-140425AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	102	74-122		%	04/25/14	04/25/14
BLANK	SURROGATE: TOLUENE-D8 (S)	97.1	71-127		%	04/25/14	04/25/14

Quant Method: TALLS.M
Run #: 0425T10
Instrument: Thor
Sequence: T140424
Initials: DG

GC SC-Blank-REG MDLs
Printed: 05/05/14 3:14:29 PM

Method Blank **EPA 8260B BTEX Oxy S - UST**

Blank Name/QCG: **140428S-95640 - 186388**
 Batch ID: #26US-140428AT

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	5.0	0.72	ug/Kg	04/28/14	04/28/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	5.0	0.98	ug/Kg	04/28/14	04/28/14
BLANK	BENZENE	Not detected	5.0	0.63	ug/Kg	04/28/14	04/28/14
BLANK	DI-ISOPROPYL ETHER	Not detected	10.0	0.70	ug/Kg	04/28/14	04/28/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	10.0	0.56	ug/Kg	04/28/14	04/28/14
BLANK	ETHYLBENZENE	Not detected	5.0	0.64	ug/Kg	04/28/14	04/28/14
BLANK	MTBE	Not detected	5.0	1.50	ug/Kg	04/28/14	04/28/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	10.0	0.90	ug/Kg	04/28/14	04/28/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	200.0	27.60	ug/Kg	04/28/14	04/28/14
BLANK	TOLUENE	Not detected	5.0	0.65	ug/Kg	04/28/14	04/28/14
BLANK	XYLENES	Not detected	5.0	0.68	ug/Kg	04/28/14	04/28/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	93.5	52-149		%	04/28/14	04/28/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	100	65-135		%	04/28/14	04/28/14
BLANK	SURROGATE: DIBROMOFLUOROME	99.1	65-135		%	04/28/14	04/28/14
BLANK	SURROGATE: TOLUENE-D8 (S)	105	65-135		%	04/28/14	04/28/14

Quant Method: TALLS.M
 Run #: 0428T16
 Instrument: Thor
 Sequence: T140428
 Initials: DG

GC SC-Blank-REG MDLs
 Printed: 05/05/14 1:52:19 PM

Method Blank

EPA 8260B SOIL

Blank Name/QCG: 140428S-95640 - 186389
Batch ID: #8260S-140428AT1

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.69	ug/Kg	04/28/14	04/28/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	04/28/14	04/28/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	04/28/14	04/28/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.48	ug/Kg	04/28/14	04/28/14
BLANK	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	04/28/14	04/28/14
BLANK	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	04/28/14	04/28/14
BLANK	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	04/28/14	04/28/14
BLANK	1,2-DICHLOROPROPANE	Not detected	5.0	0.62	ug/Kg	04/28/14	04/28/14
BLANK	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	04/28/14	04/28/14
BLANK	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	04/28/14	04/28/14
BLANK	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	04/28/14	04/28/14
BLANK	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	04/28/14	04/28/14
BLANK	BROMOFORM	Not detected	5.0	0.80	ug/Kg	04/28/14	04/28/14
BLANK	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	04/28/14	04/28/14
BLANK	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	04/28/14	04/28/14
BLANK	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	04/28/14	04/28/14
BLANK	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	04/28/14	04/28/14
BLANK	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	04/28/14	04/28/14
BLANK	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	04/28/14	04/28/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	04/28/14	04/28/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.47	ug/Kg	04/28/14	04/28/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	04/28/14	04/28/14
BLANK	DIBROMOMETHANE	Not detected	5.0	0.65	ug/Kg	04/28/14	04/28/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	10.0	0.83	ug/Kg	04/28/14	04/28/14
BLANK	FREON 113	Not detected	10.0	0.83	ug/Kg	04/28/14	04/28/14
BLANK	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	04/28/14	04/28/14
BLANK	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	04/28/14	04/28/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	04/28/14	04/28/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.43	ug/Kg	04/28/14	04/28/14
BLANK	TRICHLOROETHENE	Not detected	5.0	0.71	ug/Kg	04/28/14	04/28/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.26	ug/Kg	04/28/14	04/28/14
BLANK	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	04/28/14	04/28/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	93.5	59-120		%	04/28/14	04/28/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	100	82-121		%	04/28/14	04/28/14

Quant Method: TALLS.M
Run #: 0428T16
Instrument: Thor
Sequence: T140428
Initials: DG

GC SC-Blank-REG MDLs
Printed: 05/05/14 3:14:28 PM

Method Blank
EPA 8260B SOIL

Blank Name/QCG: **140428S-95640 - 186389**
Batch ID: #8260S-140428AT1

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	99.1	74-122		%	04/28/14	04/28/14
BLANK	SURROGATE: TOLUENE-D8 (S)	105	71-127		%	04/28/14	04/28/14

Quant Method: TALLS.M
Run #: 0428T16
Instrument: Thor
Sequence: T140428
Initials: DG

GC SC-Blank-REG MDLs
Printed: 05/05/14 3:14:28 PM

Method Blank
EPA 8260B BTEX OXY W - UST MEOH

Blank Name/QCG: 140430S-95639 - 186478
 Batch ID: #26USM-140430AM

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	30.0	7.00	ug/Kg	04/30/14	04/30/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	30.0	10.00	ug/Kg	04/30/14	04/30/14
BLANK	BENZENE	Not detected	20.0	8.00	ug/Kg	04/30/14	04/30/14
BLANK	DI-ISOPROPYL ETHER	Not detected	25.0	8.00	ug/Kg	04/30/14	04/30/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	25.0	9.50	ug/Kg	04/30/14	04/30/14
BLANK	ETHYLBENZENE	Not detected	30.0	11.50	ug/Kg	04/30/14	04/30/14
BLANK	METHYL TERT-BUTYL ETHER	Not detected	25.0	9.50	ug/Kg	04/30/14	04/30/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	25.0	7.00	ug/Kg	04/30/14	04/30/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	1250.0	500.00	ug/Kg	04/30/14	04/30/14
BLANK	TOLUENE	Not detected	55.0	8.50	ug/Kg	04/30/14	04/30/14
BLANK	XYLENES	Not detected	25.0	9.50	ug/Kg	04/30/14	04/30/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	103	75-125		%	04/30/14	04/30/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	101	62-139		%	04/30/14	04/30/14
BLANK	SURROGATE: DIBROMOFLUOROME	103	75-125		%	04/30/14	04/30/14
BLANK	SURROGATE: TOLUENE-D8 (S)	101	75-125		%	04/30/14	04/30/14

Quant Method: MALLW2.M
 Run #: 0430M08
 Instrument: MAX
 Sequence: M140428
 Initials: SV

GC SC-Blank-REG MDLs
 Printed: 05/05/14 2:39:25 PM

Method Blank

EPA 8260B MEOH

Blank Name/QCG: 140430S-95639 - 186481
Batch ID: #8260S-140430AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	25.0	6.50	ug/Kg	04/30/14	04/30/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	25.0	7.00	ug/Kg	04/30/14	04/30/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	25.0	13.50	ug/Kg	04/30/14	04/30/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	25.0	10.00	ug/Kg	04/30/14	04/30/14
BLANK	1,1-DICHLOROETHANE	Not detected	50.0	9.50	ug/Kg	04/30/14	04/30/14
BLANK	1,1-DICHLOROETHENE	Not detected	25.0	15.00	ug/Kg	04/30/14	04/30/14
BLANK	1,2-DICHLOROBENZENE	Not detected	25.0	8.50	ug/Kg	04/30/14	04/30/14
BLANK	1,2-DICHLOROPROPANE	Not detected	25.0	8.50	ug/Kg	04/30/14	04/30/14
BLANK	1,3-DICHLOROBENZENE	Not detected	25.0	5.50	ug/Kg	04/30/14	04/30/14
BLANK	1,4-DICHLOROBENZENE	Not detected	25.0	9.50	ug/Kg	04/30/14	04/30/14
BLANK	BROMOBENZENE	Not detected	25.0	8.00	ug/Kg	04/30/14	04/30/14
BLANK	BROMODICHLOROMETHANE	Not detected	25.0	7.00	ug/Kg	04/30/14	04/30/14
BLANK	BROMOFORM	Not detected	25.0	7.00	ug/Kg	04/30/14	04/30/14
BLANK	BROMOMETHANE	Not detected	50.0	12.00	ug/Kg	04/30/14	04/30/14
BLANK	CARBON TETRACHLORIDE	Not detected	25.0	5.00	ug/Kg	04/30/14	04/30/14
BLANK	CHLOROBENZENE	Not detected	25.0	10.50	ug/Kg	04/30/14	04/30/14
BLANK	CHLOROETHANE	Not detected	25.0	10.50	ug/Kg	04/30/14	04/30/14
BLANK	CHLOROFORM	Not detected	25.0	8.00	ug/Kg	04/30/14	04/30/14
BLANK	CHLOROMETHANE	Not detected	25.0	15.50	ug/Kg	04/30/14	04/30/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	25.0	8.00	ug/Kg	04/30/14	04/30/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	25.0	7.50	ug/Kg	04/30/14	04/30/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	25.0	9.50	ug/Kg	04/30/14	04/30/14
BLANK	DIBROMOMETHANE	Not detected	25.0	10.00	ug/Kg	04/30/14	04/30/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	50.0	9.50	ug/Kg	04/30/14	04/30/14
BLANK	FREON-113	Not detected	25.0	10.50	ug/Kg	04/30/14	04/30/14
BLANK	METHYLENE CHLORIDE	Not detected	250.0	17.50	ug/Kg	04/30/14	04/30/14
BLANK	TETRACHLOROETHENE	Not detected	25.0	7.50	ug/Kg	04/30/14	04/30/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	25.0	9.50	ug/Kg	04/30/14	04/30/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	25.0	9.00	ug/Kg	04/30/14	04/30/14
BLANK	TRICHLOROETHENE	Not detected	25.0	8.00	ug/Kg	04/30/14	04/30/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	25.0	12.00	ug/Kg	04/30/14	04/30/14
BLANK	VINYL CHLORIDE	Not detected	25.0	11.50	ug/Kg	04/30/14	04/30/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	103	70-125		%	04/30/14	04/30/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	101	72-133		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M08
Instrument: MAX
Sequence: M140428
Initials: SV

GC SC-Blank-REG MDLs
Printed: 05/05/14 3:18:54 PM

Method Blank
EPA 8260B MEOH

Blank Name/QCG: **140430S-95639 - 186481**
Batch ID: #8260S-140430AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	103	78-125		%	04/30/14	04/30/14
BLANK	SURROGATE: TOLUENE-D8 (S)	101	73-124		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M08
Instrument: MAX
Sequence: M140428
Initials: SV

GC SC-Blank-REG MDLs
Printed: 05/05/14 3:18:54 PM

Method Blank
EPA 8260B BTEX OXY W - UST MEOH

Blank Name/QCG: **140501S-95639 - 186479**

Batch ID: #26USM-140501AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	ETHYLBENZENE	Not detected	30.0	11.50	ug/Kg	05/01/14	05/01/14
BLANK	TOLUENE	Not detected	55.0	8.50	ug/Kg	05/01/14	05/01/14
BLANK	XYLENES	Not detected	25.0	9.50	ug/Kg	05/01/14	05/01/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	98.0	75-125		%	05/01/14	05/01/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	95.2	62-139		%	05/01/14	05/01/14
BLANK	SURROGATE: DIBROMOFLUOROME	98.6	75-125		%	05/01/14	05/01/14
BLANK	SURROGATE: TOLUENE-D8 (S)	95.6	75-125		%	05/01/14	05/01/14

Quant Method: MALLW2.M

Run #: 0501M08

Instrument: MAX

Sequence: M140428

Initials: SV

GC SC-Blank-REG MDLs

Printed: 05/05/14 2:40:11 PM

Method Blank
EPA 8260B BTEX Oxy W - UST

Blank Name/QCG: 140429W-95538 - 186368
 Batch ID: #26UW-140429AM

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/29/14	04/29/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/29/14	04/29/14
BLANK	BENZENE	Not detected	0.4	0.16	ug/L	04/29/14	04/29/14
BLANK	DIISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
BLANK	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/29/14	04/29/14
BLANK	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/29/14	04/29/14
BLANK	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/29/14	04/29/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/29/14	04/29/14
BLANK	TOLUENE	Not detected	1.1	0.17	ug/L	04/29/14	04/29/14
BLANK	XYLENES	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	99.9	75-125		%	04/29/14	04/29/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	102	62-139		%	04/29/14	04/29/14
BLANK	SURROGATE: DIBROMOFLUOROME	104	75-125		%	04/29/14	04/29/14
BLANK	SURROGATE: TOLUENE-D8 (S)	101	75-125		%	04/29/14	04/29/14

Quant Method: MALLW2.M
 Run #: 0429M08
 Instrument: MAX
 Sequence: M140428
 Initials: DG

GC SC-Blank-REG MDLs
 Printed: 05/05/14 1:52:19 PM

Method Blank

EPA 8260B

Blank Name/QCG: 140429W-95538 - 186370
Batch ID: #8260-140429AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/29/14	04/29/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
BLANK	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
BLANK	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/29/14	04/29/14
BLANK	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
BLANK	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/29/14	04/29/14
BLANK	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/29/14	04/29/14
BLANK	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
BLANK	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
BLANK	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
BLANK	BROMOFORM	Not detected	0.5	0.14	ug/L	04/29/14	04/29/14
BLANK	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/29/14	04/29/14
BLANK	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/29/14	04/29/14
BLANK	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
BLANK	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
BLANK	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/29/14	04/29/14
BLANK	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/29/14	04/29/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/29/14	04/29/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
BLANK	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/29/14	04/29/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/29/14	04/29/14
BLANK	FREON-113	Not detected	0.5	0.21	ug/L	04/29/14	04/29/14
BLANK	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/29/14	04/29/14
BLANK	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/29/14	04/29/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/29/14	04/29/14
BLANK	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/29/14	04/29/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/29/14	04/29/14
BLANK	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/29/14	04/29/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	99.9	75-125		%	04/29/14	04/29/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	102	62-139		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M08
Instrument: MAX
Sequence: M140428
Initials: DG

GC SC-Blank-REG MDLs
Printed: 05/05/14 3:14:28 PM

Method Blank
EPA 8260B

Blank Name/QCG: **140429W-95538 - 186370**
Batch ID: #8260-140429AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: DIBROMOFLUOROME	104	75-125		%	04/29/14	04/29/14
BLANK	SURROGATE: TOLUENE-D8 (S)	101	75-125		%	04/29/14	04/29/14

Quant Method: MALLW2.M
Run #: 0429M08
Instrument: MAX
Sequence: M140428
Initials: DG

GC SC-Blank-REG MDLs
Printed: 05/05/14 3:14:28 PM

Method Blank **EPA 8260B BTEX Oxy W - UST**

Blank Name/QCG: 140430W-95540 - 186433

Batch ID: #26UW-140430AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,2-DICHLOROETHANE	Not detected	0.6	0.14	ug/L	04/30/14	04/30/14
BLANK	1,2-ETHYLENE DIBROMIDE	Not detected	0.6	0.20	ug/L	04/30/14	04/30/14
BLANK	BENZENE	Not detected	0.4	0.16	ug/L	04/30/14	04/30/14
BLANK	DI-ISOPROPYL ETHER	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
BLANK	ETHYL-TERT-BUTYL ETHER	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
BLANK	ETHYLBENZENE	Not detected	0.6	0.23	ug/L	04/30/14	04/30/14
BLANK	METHYL TERT-BUTYL ETHER	Not detected	0.5	0.26	ug/L	04/30/14	04/30/14
BLANK	TERT-AMYL METHYL ETHER	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
BLANK	TERT-BUTYL ALCOHOL	Not detected	25.0	10.00	ug/L	04/30/14	04/30/14
BLANK	TOLUENE	Not detected	1.1	0.17	ug/L	04/30/14	04/30/14
BLANK	XYLENES	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	101	75-125		%	04/30/14	04/30/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	98.7	62-139		%	04/30/14	04/30/14
BLANK	SURROGATE: DIBROMOFLUOROME	103	75-125		%	04/30/14	04/30/14
BLANK	SURROGATE: TOLUENE-D8 (S)	100	75-125		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M09
Instrument: MAX
Sequence: M140428
Initials: SV

GC SC-Blank-REG MDLs
Printed: 05/05/14 1:52:19 PM

Method Blank

EPA 8260B

Blank Name/QCG: 140430W-95540 - 186432
Batch ID: #8260-140430AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	1,1,1,2-TETRACHLOROETHANE	Not detected	0.5	0.13	ug/L	04/30/14	04/30/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	04/30/14	04/30/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	04/30/14	04/30/14
BLANK	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	04/30/14	04/30/14
BLANK	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	04/30/14	04/30/14
BLANK	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	04/30/14	04/30/14
BLANK	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	04/30/14	04/30/14
BLANK	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	04/30/14	04/30/14
BLANK	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
BLANK	BROMOBENZENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
BLANK	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
BLANK	BROMOFORM	Not detected	0.5	0.14	ug/L	04/30/14	04/30/14
BLANK	BROMOMETHANE	Not detected	1.0	0.24	ug/L	04/30/14	04/30/14
BLANK	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	04/30/14	04/30/14
BLANK	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
BLANK	CHLOROETHANE	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
BLANK	CHLOROFORM	Not detected	0.5	0.07	ug/L	04/30/14	04/30/14
BLANK	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	04/30/14	04/30/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	04/30/14	04/30/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
BLANK	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	04/30/14	04/30/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	04/30/14	04/30/14
BLANK	FREON-113	Not detected	0.5	0.21	ug/L	04/30/14	04/30/14
BLANK	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	04/30/14	04/30/14
BLANK	NAPHTHALENE	Not detected	1.0	0.36	ug/L	04/30/14	04/30/14
BLANK	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	04/30/14	04/30/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	04/30/14	04/30/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	04/30/14	04/30/14
BLANK	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	04/30/14	04/30/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	04/30/14	04/30/14
BLANK	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	04/30/14	04/30/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	101	70-125		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M09
Instrument: MAX
Sequence: M140428
Initials: SV

GC SC-Blank-REG MDLs
Printed: 05/05/14 3:14:29 PM

Method Blank
EPA 8260B

Blank Name/QCG: **140430W-95540 - 186432**
Batch ID: #8260-140430AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	SURROGATE: 4-BROMOFLUOROBEN	98.7	72-133		%	04/30/14	04/30/14
BLANK	SURROGATE: DIBROMOFLUOROME	103	78-125		%	04/30/14	04/30/14
BLANK	SURROGATE: TOLUENE-D8 (S)	100	73-124		%	04/30/14	04/30/14

Quant Method: MALLW2.M
Run #: 0430M09
Instrument: MAX
Sequence: M140428
Initials: SV

GC SC-Blank-REG MDLs
Printed: 05/05/14 3:14:29 PM

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy S - UST

APPL ID: 140425S-95637 LCS - 186390

Batch ID: #26US-140425AT

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	50.0	50.7	101	75-123
1,2-ETHYLENE DIBROMIDE	50.0	51.9	104	85-123
BENZENE	50.0	51.7	103	81-123
DI-ISOPROPYL ETHER	50.0	54.4	109	94-114
ETHYL-TERT-BUTYL ETHER	50.0	56.6	113	90-126
ETHYLBENZENE	50.0	53.9	108	78-127
MTBE	50.0	56.5	113	65-135
TERT-AMYL METHYL ETHER	50.0	55.1	110	50-150
TERT-BUTYL ALCOHOL	250	232	92.8	65-135
TOLUENE	50.0	54.5	109	82-125
XYLENES	150	166	111	76-134
SURROGATE: 1,2-DICHLOROETHANE-	56.1	59.3	106	52-149
SURROGATE: 4-BROMOFLUOROBENZ	61.6	64.4	105	65-135
SURROGATE: DIBROMOFLUOROMETH	64.3	67.4	105	65-135
SURROGATE: TOLUENE-D8 (S)	72.3	72.4	100	65-135

Comments: _____

Primary	SPK
Quant Method :	TALLS.M
Extraction Date :	04/25/14
Analysis Date :	04/25/14
Instrument :	Thor
Run :	0425T07
Initials :	DG

Printed: 05/05/14 4:23:20 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B SOIL

APPL ID: 140425S-95637 LCS - 186391
Batch ID: #8260S-140425AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	50.0	51.6	103	62-125
1,1,1-TRICHLOROETHANE	50.0	52.6	105	65-135
1,1,2,2-TETRACHLOROETHANE	50.0	47.6	95.2	64-135
1,1,2-TRICHLOROETHANE	50.0	52.9	106	65-135
1,1-DICHLOROETHANE	50.0	54.7	109	62-135
1,1-DICHLOROETHENE	50.0	56.4	113	65-135
1,2-DICHLOROBENZENE	50.0	50.6	101	65-125
1,2-DICHLOROPROPANE	50.0	52.7	105	65-125
1,3-DICHLOROBENZENE	50.0	51.2	102	65-135
1,4-DICHLOROBENZENE	50.0	51.4	103	65-135
BROMOBENZENE	50.0	51.0	102	55-130
BROMODICHLOROMETHANE	50.0	51.8	104	60-135
BROMOFORM	50.0	54.1	108	45-150
BROMOMETHANE	50.0	68.4	137	10-180
CARBON TETRACHLORIDE	50.0	55.8	112	55-145
CHLOROBENZENE	50.0	52.3	105	65-130
CHLOROETHANE	50.0	57.4	115	20-175
CHLOROFORM	50.0	45.7	91.4	65-135
CHLOROMETHANE	50.0	47.2	94.4	40-140
CIS-1,2-DICHLOROETHENE	50.0	56.5	113	55-135
CIS-1,3-DICHLOROPROPENE	50.0	54.6	109	65-135
DIBROMOCHLOROMETHANE	50.0	52.1	104	63-135
DIBROMOMETHANE	50.0	51.7	103	65-135
DICHLORODIFLUOROMETHANE	50.0	54.2	108	15-155
FREON 113	50.0	57.9	116	71-135
METHYLENE CHLORIDE	50.0	63.7	127	40-155
TETRACHLOROETHENE	50.0	51.9	104	55-150
TRANS-1,2-DICHLOROETHENE	50.0	54.7	109	55-145
TRANS-1,3-DICHLOROPROPENE	50.0	55.5	111	55-140
TRICHLOROETHENE	50.0	52.9	106	70-130
TRICHLOROFLUOROMETHANE	50.0	61.7	123	10-215

Comments: _____

Primary	SPK
Quant Method :	TALLS.M
Extraction Date :	04/25/14
Analysis Date :	04/25/14
Instrument :	Thor
Run :	0425T07
Initials :	DG

Printed: 05/05/14 4:22:16 PM
APPL Standard LCS

Laboratory Control Spike Recovery
EPA 8260B SOIL

APPL ID: **140425S-95637 LCS - 186391**
Batch ID: #8260S-140425AT

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	50.0	53.9	108	45-140
SURROGATE: 1,2-DICHLOROETHANE-	56.1	59.3	106	59-120
SURROGATE: 4-BROMOFLUOROBENZ	61.6	64.4	105	82-121
SURROGATE: DIBROMOFLUOROMETH	64.3	67.4	105	74-122
SURROGATE: TOLUENE-D8 (S)	72.3	72.4	100	71-127

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	TALLS.M
Extraction Date :	04/25/14
Analysis Date :	04/25/14
Instrument :	Thor
Run :	0425T07
Initials :	DG

Printed: 05/05/14 4:22:16 PM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy S - UST

APPL ID: **140428S-95640 LCS - 186388**
 Batch ID: **#26US-140428AT**

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	50.0	45.7	91.4	75-123
1,2-ETHYLENE DIBROMIDE	50.0	47.4	94.8	85-123
BENZENE	50.0	49.0	98.0	81-123
DI-ISOPROPYL ETHER	50.0	44.4	88.8 #	94-114
ETHYL-TERT-BUTYL ETHER	50.0	43.2	86.4 #	90-126
ETHYLBENZENE	50.0	51.7	103	78-127
MTBE	50.0	43.0	86.0	65-135
TERT-AMYL METHYL ETHER	50.0	45.2	90.4	50-150
TERT-BUTYL ALCOHOL	250	246	98.4	65-135
TOLUENE	50.0	46.1	92.2	82-125
XYLENES	150	151	101	76-134
SURROGATE: 1,2-DICHLOROETHANE-	62.1	53.7	86.5	52-149
SURROGATE: 4-BROMOFLUOROBENZ	57.5	66.2	115	65-135
SURROGATE: DIBROMOFLUOROMETH	69.4	63.7	91.7	65-135
SURROGATE: TOLUENE-D8 (S)	71.5	77.1	108	65-135

= Recovery is outside QC limits.

Comments:

<u>Primary</u>	<u>SPK</u>
Quant Method :	TALLS.M
Extraction Date :	04/28/14
Analysis Date :	04/28/14
Instrument :	Thor
Run :	0428T17
Initials :	DG

Printed: 05/05/14 1:52:23 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B SOIL

APPL ID: 140428S-95640 LCS - 186389

Batch ID: #8260S-140428AT1

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	50.0	49.7	99.4	62-125
1,1,1-TRICHLOROETHANE	50.0	47.4	94.8	65-135
1,1,2,2-TETRACHLOROETHANE	50.0	46.5	93.0	64-135
1,1,2-TRICHLOROETHANE	50.0	43.1	86.2	65-135
1,1-DICHLOROETHANE	50.0	47.8	95.6	62-135
1,1-DICHLOROETHENE	50.0	48.1	96.2	65-135
1,2-DICHLOROBENZENE	50.0	46.2	92.4	65-125
1,2-DICHLOROPROPANE	50.0	47.1	94.2	65-125
1,3-DICHLOROBENZENE	50.0	46.7	93.4	65-135
1,4-DICHLOROBENZENE	50.0	46.8	93.6	65-135
BROMOBENZENE	50.0	48.5	97.0	55-130
BROMODICHLOROMETHANE	50.0	47.2	94.4	60-135
BROMOFORM	50.0	48.9	97.8	45-150
BROMOMETHANE	50.0	59.7	119	10-180
CARBON TETRACHLORIDE	50.0	50.0	100	55-145
CHLOROBENZENE	50.0	49.5	99.0	65-130
CHLOROETHANE	50.0	50.7	101	20-175
CHLOROFORM	50.0	48.6	97.2	65-135
CHLOROMETHANE	50.0	48.5	97.0	40-140
CIS-1,2-DICHLOROETHENE	50.0	46.6	93.2	55-135
CIS-1,3-DICHLOROPROPENE	50.0	44.3	88.6	65-135
DIBROMOCHLOROMETHANE	50.0	48.5	97.0	63-135
DIBROMOMETHANE	50.0	47.5	95.0	65-135
DICHLORODIFLUOROMETHANE	50.0	47.2	94.4	15-155
FREON 113	50.0	46.6	93.2	71-135
METHYLENE CHLORIDE	50.0	44.4	88.8	40-155
TETRACHLOROETHENE	50.0	49.1	98.2	55-150
TRANS-1,2-DICHLOROETHENE	50.0	47.2	94.4	55-145
TRANS-1,3-DICHLOROPROPENE	50.0	44.3	88.6	55-140
TRICHLOROETHENE	50.0	49.5	99.0	70-130
TRICHLOROFLUOROMETHANE	50.0	48.7	97.4	10-215

Comments: _____

Primary	SPK
Quant Method :	TALLS.M
Extraction Date :	04/28/14
Analysis Date :	04/28/14
Instrument :	Thor
Run :	0428T17
Initials :	DG

Printed: 05/05/14 4:02:33 PM

APPL Standard LCS

Laboratory Control Spike Recovery
EPA 8260B SOIL

APPL ID: 140428S-95640 LCS - 186389

Batch ID: #8260S-140428AT1

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	50.0	49.3	98.6	45-140
SURROGATE: 1,2-DICHLOROETHANE-	62.1	53.7	86.5	59-120
SURROGATE: 4-BROMOFLUOROBENZ	57.5	66.2	115	82-121
SURROGATE: DIBROMOFLUOROMETH	69.4	63.7	91.7	74-122
SURROGATE: TOLUENE-D8 (S)	71.5	77.1	108	71-127

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	TALLS.M
Extraction Date :	04/28/14
Analysis Date :	04/28/14
Instrument :	Thor
Run :	0428T17
Initials :	DG

Printed: 05/05/14 4:02:34 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B BTEX OXY W - UST MEOH

APPL ID: 140430S-95639 LCS - 186478

Batch ID: #26USM-140430AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	500	536	107	68-127
1,2-ETHYLENE DIBROMIDE	500	522	104	70-130
BENZENE	500	511	102	75-125
DI-ISOPROPYL ETHER	500	528	106	70-130
ETHYL-TERT-BUTYL ETHER	500	522	104	70-130
ETHYLBENZENE	500	507	101	75-125
METHYL TERT-BUTYL ETHER	500	524	105	70-130
TERT-AMYL METHYL ETHER	500	511	102	70-130
TERT-BUTYL ALCOHOL	6250	6230	99.7	70-130
TOLUENE	500	508	102	74-125
XYLENES	1500	1540	103	70-130
SURROGATE: 1,2-DICHLOROETHANE-	22.4	23.8	106	75-125
SURROGATE: 4-BROMOFLUOROBENZ	21.0	22.5	107	62-139
SURROGATE: DIBROMOFLUOROMETH	21.2	22.6	107	75-125
SURROGATE: TOLUENE-D8 (S)	22.2	23.0	104	75-125

Comments: _____

Primary	SPK
Quant Method :	MALLW2.M
Extraction Date :	04/30/14
Analysis Date :	04/30/14
Instrument :	MAX
Run :	0430M06
Initials :	SV

Printed: 05/05/14 2:39:29 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B MEOH

APPL ID: 140430S-95639 LCS - 186481
Batch ID: #8260S-140430AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	500	507	101	73-124
1,1,1-TRICHLOROETHANE	500	508	102	67-125
1,1,2,2-TETRACHLOROETHANE	500	543	109	71-127
1,1,2-TRICHLOROETHANE	500	502	100	74-121
1,1-DICHLOROETHANE	500	525	105	62-132
1,1-DICHLOROETHENE	500	505	101	70-125
1,2-DICHLOROBENZENE	500	522	104	70-129
1,2-DICHLOROPROPANE	500	513	103	77-125
1,3-DICHLOROBENZENE	500	532	106	69-129
1,4-DICHLOROBENZENE	500	507	101	71-126
BROMOBENZENE	500	527	105	65-130
BROMODICHLOROMETHANE	500	529	106	69-124
BROMOFORM	500	502	100	67-125
BROMOMETHANE	500	529	106	71-131
CARBON TETRACHLORIDE	500	517	103	70-122
CHLOROBENZENE	500	509	102	72-125
CHLOROETHANE	500	508	102	78-125
CHLOROFORM	500	517	103	69-122
CHLOROMETHANE	500	507	101	71-124
CIS-1,2-DICHLOROETHENE	500	509	102	72-123
CIS-1,3-DICHLOROPROPENE	500	509	102	70-125
DIBROMOCHLOROMETHANE	500	516	103	70-125
DIBROMOMETHANE	500	518	104	66-126
DICHLORODIFLUOROMETHANE	500	525	105	68-131
FREON-113	500	517	103	74-138
METHYLENE CHLORIDE	500	478	95.6	78-118
TETRACHLOROETHENE	500	514	103	62-136
TRANS-1,2-DICHLOROETHENE	500	512	102	68-126
TRANS-1,3-DICHLOROPROPENE	500	526	105	62-127
TRICHLOROETHENE	500	503	101	70-128
TRICHLOROFLUOROMETHANE	500	552	110	66-132

Comments: _____

Primary	SPK
Quant Method :	MALLW2.M
Extraction Date :	04/30/14
Analysis Date :	04/30/14
Instrument :	MAX
Run :	0430M06
Initials :	SV

Printed: 05/05/14 3:18:58 PM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B MEOH

APPL ID: 140430S-95639 LCS - 186481

Batch ID: #8260S-140430AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	500	519	104	79-138
SURROGATE: 1,2-DICHLOROETHANE-	22.4	23.8	106	70-125
SURROGATE: 4-BROMOFLUOROBENZ	21.0	22.5	107	72-133
SURROGATE: DIBROMOFLUOROMETH	21.2	22.6	107	78-125
SURROGATE: TOLUENE-D8 (S)	22.2	23.0	104	73-124

Comments: _____

Primary	SPK
Quant Method :	MALLW2.M
Extraction Date :	04/30/14
Analysis Date :	04/30/14
Instrument :	MAX
Run :	0430M06
Initials :	SV

Printed: 05/05/14 3:18:58 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B BTEX OXY W - UST MEOH

APPL ID: 140501S-95639 LCS - 186479

Batch ID: #26USM-140501AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
ETHYLBENZENE	500	492	98.4	75-125
TOLUENE	500	489	97.8	74-125
XYLENES	1500	1470	98.0	70-130
SURROGATE: 1,2-DICHLOROETHANE-	22.4	22.0	98.2	75-125
SURROGATE: 4-BROMOFLUOROBENZ	21.0	20.6	98.1	62-139
SURROGATE: DIBROMOFLUOROMETH	21.2	21.2	100	75-125
SURROGATE: TOLUENE-D8 (S)	22.2	21.2	95.5	75-125

Comments:

Primary	SPK
Quant Method :	MALLW2.M
Extraction Date :	05/01/14
Analysis Date :	05/01/14
Instrument :	MAX
Run :	0501M06
Initials :	SV

Printed: 05/05/14 2:40:14 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy W - UST

APPL ID: 140430W-95540 LCS - 186433
Batch ID: #26UW-140430AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	10.00	10.5	105	68-127
1,2-ETHYLENE DIBROMIDE	10.00	10.0	100	70-130
BENZENE	10.00	9.97	99.7	75-125
DI-ISOPROPYL ETHER	10.00	10.4	104	70-130
ETHYL-TERT-BUTYL ETHER	10.00	10.2	102	70-130
ETHYLBENZENE	10.00	10.0	100	75-125
METHYL TERT-BUTYL ETHER	10.00	9.92	99.2	70-130
TERT-AMYL METHYL ETHER	10.00	9.92	99.2	70-130
TERT-BUTYL ALCOHOL	125	117	93.6	49-167
TOLUENE	10.00	9.99	99.9	74-125
XYLENES	30.0	29.7	99.0	70-130
SURROGATE: 1,2-DICHLOROETHANE-	22.4	22.4	100	75-125
SURROGATE: 4-BROMOFLUOROBENZ	21.0	21.2	101	62-139
SURROGATE: DIBROMOFLUOROMETH	21.2	22.0	104	75-125
SURROGATE: TOLUENE-D8 (S)	22.2	21.7	97.7	75-125

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	MALLW2.M
Extraction Date :	04/30/14
Analysis Date :	04/30/14
Instrument :	MAX
Run :	0430M05
Initials :	SV

Printed: 05/05/14 1:52:24 PM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140430W-95540 LCS - 186432

Batch ID: #8260-140430AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	10.00	9.70	97.0	73-124
1,1,1-TRICHLOROETHANE	10.00	10.0	100	67-125
1,1,2,2-TETRACHLOROETHANE	10.00	10.2	102	71-127
1,1,2-TRICHLOROETHANE	10.00	9.88	98.8	74-121
1,1-DICHLOROETHANE	10.00	10.4	104	62-132
1,1-DICHLOROETHENE	10.00	9.93	99.3	70-125
1,2-DICHLOROBENZENE	10.00	10.0	100	70-129
1,2-DICHLOROPROPANE	10.00	10.2	102	77-125
1,3-DICHLOROBENZENE	10.00	10.0	100	69-129
1,4-DICHLOROBENZENE	10.00	9.85	98.5	71-126
BROMOBENZENE	10.00	10.1	101	65-130
BROMODICHLOROMETHANE	10.00	10.2	102	69-124
BROMOFORM	10.00	9.34	93.4	67-125
BROMOMETHANE	10.00	10.8	108	71-131
CARBON TETRACHLORIDE	10.00	10.3	103	70-122
CHLOROBENZENE	10.00	9.85	98.5	72-125
CHLOROETHANE	10.00	10.3	103	78-125
CHLOROFORM	10.00	10.3	103	69-122
CHLOROMETHANE	10.00	10.1	101	71-124
CIS-1,2-DICHLOROETHENE	10.00	10.1	101	72-123
CIS-1,3-DICHLOROPROPENE	10.00	10.1	101	70-125
DIBROMOCHLOROMETHANE	10.00	9.98	99.8	70-125
DIBROMOMETHANE	10.00	9.74	97.4	66-126
DICHLORODIFLUOROMETHANE	10.00	10.3	103	68-131
FREON-113	10.00	9.95	99.5	74-138
METHYLENE CHLORIDE	10.00	9.55	95.5	78-118
NAPHTHALENE	10.00	8.88	88.8	55-140
TETRACHLOROETHENE	10.00	9.87	98.7	62-136
TRANS-1,2-DICHLOROETHENE	10.00	10.1	101	68-126
TRANS-1,3-DICHLOROPROPENE	10.00	9.97	99.7	62-127
TRICHLOROETHENE	10.00	10.0	100	70-128

Comments: _____

Primary	SPK
Quant Method :	MALLW2.M
Extraction Date :	04/30/14
Analysis Date :	04/30/14
Instrument :	MAX
Run :	0430M05
Initials :	SV

Printed: 05/12/14 3:34:31 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140430W-95540 LCS - 186432

Batch ID: #8260-140430AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
TRICHLOROFLUOROMETHANE	10.00	10.7	107	66-132
VINYL CHLORIDE	10.00	10.2	102	79-138
SURROGATE: 1,2-DICHLOROETHANE-D	22.4	22.4	100	70-125
SURROGATE: 4-BROMOFLUOROBENZE	21.0	21.2	101	72-133
SURROGATE: DIBROMOFLUOROMETH	21.2	22.0	104	78-125
SURROGATE: TOLUENE-D8 (S)	22.2	21.7	97.7	73-124

Comments: _____

Primary	SPK
Quant Method :	MALLW2.M
Extraction Date :	04/30/14
Analysis Date :	04/30/14
Instrument :	MAX
Run :	0430M05
Initials :	SV

Printed: 05/12/14 3:34:31 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B BTEX Oxy W - UST

APPL ID: 140429W-95538 LCS - 186368

Batch ID: #26UW-140429AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,2-DICHLOROETHANE	10.00	10.3	103	68-127
1,2-ETHYLENE DIBROMIDE	10.00	10.3	103	70-130
BENZENE	10.00	10.2	102	75-125
DI-ISOPROPYL ETHER	10.00	10.3	103	70-130
ETHYL-TERT-BUTYL ETHER	10.00	10.1	101	70-130
ETHYLBENZENE	10.00	10.1	101	75-125
METHYL TERT-BUTYL ETHER	10.00	10.1	101	70-130
NAPHTHALENE	10.00	8.93	89.3	55-140
TERT-AMYL METHYL ETHER	10.00	10.0	100	70-130
TERT-BUTYL ALCOHOL	125	120	96.0	49-167
TOLUENE	10.00	10.1	101	74-125
XYLENES	30.0	30.0	100	70-130
SURROGATE: 1,2-DICHLOROETHANE-	22.4	23.1	103	75-125
SURROGATE: 4-BROMOFLUOROBENZ	21.0	21.7	103	62-139
SURROGATE: DIBROMOFLUOROMETH	21.2	22.8	108	75-125
SURROGATE: TOLUENE-D8 (S)	22.2	22.8	103	75-125

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	MALLW2.M
Extraction Date :	04/29/14
Analysis Date :	04/29/14
Instrument :	MAX
Run :	0429M03
Initials :	DG

Printed: 05/05/14 1:52:24 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140429W-95538 LCS - 186370

Batch ID: #8260-140429AM

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
1,1,1,2-TETRACHLOROETHANE	10.00	10.2	102	73-124
1,1,1-TRICHLOROETHANE	10.00	9.92	99.2	67-125
1,1,2,2-TETRACHLOROETHANE	10.00	10.3	103	71-127
1,1,2-TRICHLOROETHANE	10.00	9.73	97.3	74-121
1,1-DICHLOROETHANE	10.00	10.3	103	62-132
1,1-DICHLOROETHENE	10.00	9.99	99.9	70-125
1,2-DICHLOROBENZENE	10.00	10.3	103	70-129
1,2-DICHLOROPROPANE	10.00	10.0	100	77-125
1,3-DICHLOROBENZENE	10.00	10.3	103	69-129
1,4-DICHLOROBENZENE	10.00	10.1	101	71-126
BROMOBENZENE	10.00	10.3	103	65-130
BROMODICHLOROMETHANE	10.00	10.2	102	69-124
BROMOFORM	10.00	9.75	97.5	67-125
BROMOMETHANE	10.00	8.98	89.8	71-131
CARBON TETRACHLORIDE	10.00	10.1	101	70-122
CHLOROBENZENE	10.00	9.97	99.7	72-125
CHLOROETHANE	10.00	9.88	98.8	78-125
CHLOROFORM	10.00	10.1	101	69-122
CHLOROMETHANE	10.00	9.19	91.9	71-124
CIS-1,2-DICHLOROETHENE	10.00	10.2	102	72-123
CIS-1,3-DICHLOROPROPENE	10.00	10.1	101	70-125
DIBROMOCHLOROMETHANE	10.00	10.2	102	70-125
DIBROMOMETHANE	10.00	10.2	102	66-126
DICHLORODIFLUOROMETHANE	10.00	9.01	90.1	68-131
FREON-113	10.00	9.28	92.8	74-138
METHYLENE CHLORIDE	10.00	9.73	97.3	78-118
TETRACHLOROETHENE	10.00	10.1	101	62-136
TRANS-1,2-DICHLOROETHENE	10.00	10.3	103	68-126
TRANS-1,3-DICHLOROPROPENE	10.00	10.1	101	62-127
TRICHLOROETHENE	10.00	9.93	99.3	70-128
TRICHLOROFLUOROMETHANE	10.00	9.54	95.4	66-132

Comments:

Primary	SPK
Quant Method :	MALLW2.M
Extraction Date :	04/29/14
Analysis Date :	04/29/14
Instrument :	MAX
Run :	0429M03
Initials :	DG

Printed: 05/05/14 3:14:32 PM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140429W-95538 LCS - 186370
Batch ID: #8260-140429AM

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
VINYL CHLORIDE	10.00	9.21	92.1	79-138
SURROGATE: 1,2-DICHLOROETHANE-	22.4	23.1	103	70-125
SURROGATE: 4-BROMOFLUOROBENZ	21.0	21.7	103	72-133
SURROGATE: DIBROMOFLUOROMETH	21.2	22.8	108	78-125
SURROGATE: TOLUENE-D8 (S)	22.2	22.8	103	73-124

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	MALLW2.M
Extraction Date :	04/29/14
Analysis Date :	04/29/14
Instrument :	MAX
Run :	0429M03
Initials :	DG

Printed: 05/05/14 3:14:32 PM
APPL Standard LCS

Method Blank
Gas analysis-soil

Blank Name/QCG: **140430S-95637 - 186457**
Batch ID: #GASS-140430A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	GASOLINE	Not detected	1000	340.0	ug/Kg	04/30/14	04/30/14
BLANK	SURROGATE: BFB-FID (S)	102	76-131		%	04/30/14	04/30/14

Quant Method:HGAS.M
Run #:0430H11
Instrument:Harpo
Sequence:131015
Initials:LF

GC SC-Blank-REG MDLs
Printed: 05/02/14 10:35:02 AM

Method Blank
Gas-Water

Blank Name/QCG: 140430W-95642 - 186456
Batch ID: #GAS-140430A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	GASOLINE	Not detected	20.0	8.60	ug/L	04/30/14	04/30/14
BLANK	SURROGATE: BFB-FID (S)	109	70-130		%	04/30/14	04/30/14

Quant Method: HGAS.M
Run #: 0430H05
Instrument: Harpo
Sequence: 131015
Initials: LF

GC SC-Blank-REG MDLs
Printed: 05/02/14 10:35:02 AM

Laboratory Control Spike Recoveries

Gas analysis-soil

APPL ID: 140430S-95637 LCS - 186457

Batch ID: #GASS-140430A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Lvl ug/Kg	SPK Result ug/Kg	DUP Result ug/Kg	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
GASOLINE	15000	14100	13400	94.0	89.3	37-150	5.1	25
SURROGATE: BFB-FID (S)	30.0	31.6	31.9	105	106	76-131		

Comments: _____

<u>Primary</u>	<u>SPK</u>	<u>DUP</u>
Quant Method :	HGAS.M	HGAS.M
Extraction Date :	04/30/14	04/30/14
Analysis Date :	04/30/14	04/30/14
Instrument :	Harpo	Harpo
Run :	0430H09	0430H10
Initials :	LF	

Laboratory Control Spike Recoveries

Gas-Water

APPL ID: 140430W-95642 LCS - 186456

Batch ID: #GAS-140430A

APPL Inc. :

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Lvl ug/L	SPK Result ug/L	DUP Result ug/L	SPK % Recovery	DUP % Recovery	Recovery Limits	RPD %	RPD Limits
GASOLINE	300	293	300	97.7	100	73-120	2.4	25
SURROGATE: BFB-FID (S)	30.0	32.7	32.8	109	109	70-130		

Comments: _____

<u>Primary</u>	<u>SPK</u>	<u>DUP</u>
Quant Method :	HGAS.M	HGAS.M
Extraction Date :	04/30/14	04/30/14
Analysis Date :	04/30/14	04/30/14
Instrument :	Harpo	Harpo
Run :	0430H03	0430H04
Initials :	LF	

METALS BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date	QC Group
6020	LEAD (PB)	Not detected	0.1	0.02	mg/Kg	05/01/14	05/09/14	#6020S-C140501-AY95641
6020	LEAD (PB)	Not detected	0.2	0.11	ug/L	05/02/14	05/08/14	#6020-140502A-AY95540

Metals SC-Blank-REG MDLs
Printed: 05/12/14 9:29:46 AM

Laboratory Control Spike Recovery

METALS

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/Kg	SPK Result mg/Kg	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
6020	LEAD (PB)	25.0	24.1	96.4	80-120	05/01/14	05/09/14	#6020S-C140501-AY95641

Comments: _____

Laboratory Control Spike Recovery

METALS

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
6020	LEAD (PB) (DISSOLVED)	50.0	46.8	93.6	80-120	05/02/14	05/08/14	#6020L-140502A-AY95642

Comments: _____



APPL, Inc.
908 N Temperance Ave
Clovis, CA 93611

CHAIN OF CUSTODY RECORD

Phone: (559) 275-2175
Fax: (559) 275-4422

C.O.C.
PLEASE PRINT

Report to:

Company Name: UES Corp

Phone: 559 256 1468

Address: 30 River Park Place West #180

Fresno, CA 93720

Attn: Frank Segunde

Invoice to:

Company Name: Same

Address:

Fax: 559 256 1478

Phone:

Fax:

Attn:

Project Name/Number	Sampler (Print)	Sampler (Signature)	Location	Date Collected	Time Collected	Time Zone	No. of Containers			Matrix			Analysis Requested/Method Number	Date Shipped:	Carrier:	Waybill No.:	Comments:
							Aq	Sed	Soil	Aq	Sed	Soil					
Phase II EPA-656 St.		<u>Ton Parker</u>															
Purchase Order Number																	
1875311-40000																	
Sample Identification																	
56-3 @ 5'				4/23/14	1425	PAC	1										
50-3 @ 10'																	
50-3 @ 50'																	
50-3 @ 105'				4/24/14	1000												
50-3 @ 116'																	
HP-3 @ 118'							8										
HP-3 @ 118' Dup																	
Egging Blank																	
Tap Blank																	
Shuttle Temperature: <u>85°C</u>																	
Relinquished by supplier:																	
Relinquished by:																	
Turnaround Required: ☒ Standard 2-3 wk ☐ Expedite ☐ 24/48 Hrs. ☐ Other																	
Date	4/24/14	Time	1505	Date	4/24/14	Time	1505	Date	4/24/14	Time	1505	Date	4/24/14	Time	1505	Date	4/24/14
Received by:		Received by:		Received by:		Received by:		Received by:		Received by:		Received by:		Received by:		Received by:	
White: Return to client with report																	
Yellow: Laboratory Copy																	
Pink: Sampler																	
See reverse side for Container Preservative and Sampling Information																	

For Samples HP-3 @ 118' + HP-3 @ 118' - Dup: Noted a separate phase liquid & floating on water in sample containers, unidentified. Provided 1L Amber for each sample to be Lab filtered.

Received by: [Signature]



APPL, Inc.

908 N Temperance Ave
Clovis, CA 93611

CHAIN OF CUSTODY RECORD

Phone: (559) 275-2175

Fax: (559) 275-4422

C.O.C.

45112

Report to:		Invoice to:		PLEASE PRINT	
Company Name: <u>WES Corp</u>		Company Name: <u>Same</u>		PLEASE PRINT	
Address: <u>30 River Park Place West #110</u>		Address: _____		Date Shipped: _____	
City: <u>Fresno, CA</u>		City: _____		Carrier: _____	
State: <u>CA</u>		State: _____		Waybill No.: _____	
Zip: <u>93720</u>		Zip: _____		Comments: _____	
Attn: <u>Frank Gregoride</u>		Attn: _____		Date Shipped: _____	
Project Name/Number	Sampler (Print)	Matrix	No. of Containers	Analysis Requested/Method Number	Date Shipped:
Purchase Order Number	Sampler (Signature)	Aq		TPH (815)	
18715311.40000	<u>[Signature]</u>	Soil		STX + OXS	
Sample Identification	Location			PHS (8220C)	
50-3 @ 5'	4/23/14 1425	X	1	Lead (6020)	
50-3 @ 10'	1430	X			
50-3 @ 50'	1535	X			
50-3 @ 105'	4/24/14 1000	X			
50-3 @ 116'	1025	X			
HP-3 @ 118'	1230	X	8		
HP-3 @ 118' Dup	1238	X			
Equip Blank	1300	X	3		
Trip Blank	—	X	1		
Shuttle Temperature: <u>8.5°C</u>	Turnaround Requested: Check one	Sample Disposal:			
	☐ Standard 2-3 wk ☒ One week ☐ 24/48 Hrs. ☐ Other	☐ Return to client ☐ Disposal by Lab (30-day retention)			
Relinquished by sampler:	Date: <u>4/24/14</u> Time: <u>1505</u>	Relinquished by:	Date: _____ Time: _____	Received by:	Date: _____ Time: _____
Relinquished by:	Date: <u>4/24/14</u> Time: <u>1505</u>	Relinquished by:	Date: <u>4/24/14</u> Time: <u>1535</u>	Received by:	Date: _____ Time: _____

Provided 1L Amber for each sample to be Lab filtered.

For Samples HP-3 @ 118' + HP-3 @ 118' - Dup: Noted a separate phase liquid flooding on water in sample containers, unidentified.

White: Return to client with report
Yellow: Laboratory Copy
Pink: Sampler
See reverse side for Container Preservation and Sampling Information

4/19/2014

Mr. Frank Gegunde
URS Corporation
30 River Park Place West
Suite 180
Fresno CA 93720

Project Name: Phase II ESA-655 G St.
Project #: 18715311.40000
Workorder #: 1404181A

Dear Mr. Frank Gegunde

The following report includes the data for the above referenced project for sample(s) received on 4/10/2014 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1404181A

Work Order Summary

CLIENT: Mr. Frank Gegunde
URS Corporation
30 River Park Place West
Suite 180
Fresno, CA 93720

BILL TO: Accounts Payable Austin
URS Corporation
P.O. BOX 203970
Austin, TX 78720-1088

PHONE: 559-256-1468

P.O. #

FAX: 559-256-1478

PROJECT # 18715311.40000 Phase II ESA-655 G St.

DATE RECEIVED: 04/10/2014

CONTACT: Kelly Buettner

DATE COMPLETED: 04/19/2014

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	SG-1-5'	TO-15	3.7 "Hg	14.8 psi
02A	SG-1-5'-FD	TO-15	4.9 "Hg	14.9 psi
03A	SG-2-5'	TO-15	5.3 "Hg	14.7 psi
04A	Lab Blank	TO-15	NA	NA
05A	CCV	TO-15	NA	NA
06A	LCS	TO-15	NA	NA
06AA	LCSD	TO-15	NA	NA

CERTIFIED BY:



Technical Director

DATE: 04/19/14

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704434-13-6, UT NELAP CA009332013-4, VA NELAP - 460197, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)

Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.

Eurofins Air Toxics Inc. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020



**LABORATORY NARRATIVE
EPA Method TO-15
URS Corporation
Workorder# 1404181A**

Three 1 Liter Summa Canister samples were received on April 10, 2014. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reported CCV for each daily batch may be derived from more than one analytical file due to the client's request for non-standard compounds. Non-standard compounds may have different acceptance criteria than the standard TO-14A/TO-15 compound list as per contract or verbal agreement.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



Air Toxics

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SG-1-5'

Lab ID#: 1404181A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	4.6	24	8.6	46
Acetone	11	13	27	31
2-Propanol	4.6	6.9	11	17
4-Methyl-2-pentanone	1.1	5.0	4.7	20
Toluene	1.1	1.2	4.3	4.4

Client Sample ID: SG-1-5'-FD

Lab ID#: 1404181A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	4.8	25	9.1	48
Acetone	12	14	29	34
2-Propanol	4.8	7.2	12	18
4-Methyl-2-pentanone	1.2	7.0	4.9	28

Client Sample ID: SG-2-5'

Lab ID#: 1404181A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	4.9	21	9.2	40
Acetone	12	19	29	45
2-Propanol	4.9	5.3	12	13
4-Methyl-2-pentanone	1.2	5.5	5.0	22



Air Toxics

Client Sample ID: SG-1-5'

Lab ID#: 1404181A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17041517	Date of Collection: 4/9/14 10:00:00 AM
Dil. Factor:	2.29	Date of Analysis: 4/15/14 03:11 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	Not Detected	5.7	Not Detected
Freon 114	1.1	Not Detected	8.0	Not Detected
Chloromethane	11	Not Detected	24	Not Detected
Vinyl Chloride	1.1	Not Detected	2.9	Not Detected
1,3-Butadiene	1.1	Not Detected	2.5	Not Detected
Bromomethane	11	Not Detected	44	Not Detected
Chloroethane	4.6	Not Detected	12	Not Detected
Freon 11	1.1	Not Detected	6.4	Not Detected
Ethanol	4.6	24	8.6	46
Freon 113	1.1	Not Detected	8.8	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.5	Not Detected
Acetone	11	13	27	31
2-Propanol	4.6	6.9	11	17
Carbon Disulfide	4.6	Not Detected	14	Not Detected
3-Chloropropene	4.6	Not Detected	14	Not Detected
Methylene Chloride	11	Not Detected	40	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.1	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.5	Not Detected
Hexane	1.1	Not Detected	4.0	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.6	Not Detected	14	Not Detected
cis-1,2-Dichloroethene	1.1	Not Detected	4.5	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.4	Not Detected
Chloroform	1.1	Not Detected	5.6	Not Detected
1,1,1-Trichloroethane	1.1	Not Detected	6.2	Not Detected
Cyclohexane	1.1	Not Detected	3.9	Not Detected
Carbon Tetrachloride	1.1	Not Detected	7.2	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.3	Not Detected
Benzene	1.1	Not Detected	3.6	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.6	Not Detected
Heptane	1.1	Not Detected	4.7	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2-Dichloropropane	1.1	Not Detected	5.3	Not Detected
1,4-Dioxane	4.6	Not Detected	16	Not Detected
Bromodichloromethane	1.1	Not Detected	7.7	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	5.2	Not Detected
4-Methyl-2-pentanone	1.1	5.0	4.7	20
Toluene	1.1	1.2	4.3	4.4
trans-1,3-Dichloropropene	1.1	Not Detected	5.2	Not Detected
1,1,2-Trichloroethane	1.1	Not Detected	6.2	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
2-Hexanone	4.6	Not Detected	19	Not Detected



Air Toxics

Client Sample ID: SG-1-5'

Lab ID#: 1404181A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17041517	Date of Collection:	4/9/14 10:00:00 AM
Dil. Factor:	2.29	Date of Analysis:	4/15/14 03:11 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.1	Not Detected	9.8	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.8	Not Detected
Chlorobenzene	1.1	Not Detected	5.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Styrene	1.1	Not Detected	4.9	Not Detected
Bromoform	1.1	Not Detected	12	Not Detected
Cumene	1.1	Not Detected	5.6	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.9	Not Detected
Propylbenzene	1.1	Not Detected	5.6	Not Detected
4-Ethyltoluene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3-Dichlorobenzene	1.1	Not Detected	6.9	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.9	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.9	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.9	Not Detected
1,2,4-Trichlorobenzene	4.6	Not Detected UJ	34	Not Detected UJ
Hexachlorobutadiene	4.6	Not Detected UJ	49	Not Detected UJ
Isobutylene	4.6	Not Detected	10	Not Detected
Naphthalene	4.6	Not Detected	24	Not Detected

UJ = Non-detected compound associated with low bias in the CCV and/or LCS.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	97	70-130



Air Toxics

Client Sample ID: SG-1-5'-FD

Lab ID#: 1404181A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17041518	Date of Collection: 4/9/14 10:10:00 AM
Dil. Factor:	2.41	Date of Analysis: 4/15/14 03:32 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	Not Detected	6.0	Not Detected
Freon 114	1.2	Not Detected	8.4	Not Detected
Chloromethane	12	Not Detected	25	Not Detected
Vinyl Chloride	1.2	Not Detected	3.1	Not Detected
1,3-Butadiene	1.2	Not Detected	2.7	Not Detected
Bromomethane	12	Not Detected	47	Not Detected
Chloroethane	4.8	Not Detected	13	Not Detected
Freon 11	1.2	Not Detected	6.8	Not Detected
Ethanol	4.8	25	9.1	48
Freon 113	1.2	Not Detected	9.2	Not Detected
1,1-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Acetone	12	14	29	34
2-Propanol	4.8	7.2	12	18
Carbon Disulfide	4.8	Not Detected	15	Not Detected
3-Chloropropene	4.8	Not Detected	15	Not Detected
Methylene Chloride	12	Not Detected	42	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.3	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Hexane	1.2	Not Detected	4.2	Not Detected
1,1-Dichloroethane	1.2	Not Detected	4.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.8	Not Detected	14	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Tetrahydrofuran	1.2	Not Detected	3.6	Not Detected
Chloroform	1.2	Not Detected	5.9	Not Detected
1,1,1-Trichloroethane	1.2	Not Detected	6.6	Not Detected
Cyclohexane	1.2	Not Detected	4.1	Not Detected
Carbon Tetrachloride	1.2	Not Detected	7.6	Not Detected
2,2,4-Trimethylpentane	1.2	Not Detected	5.6	Not Detected
Benzene	1.2	Not Detected	3.8	Not Detected
1,2-Dichloroethane	1.2	Not Detected	4.9	Not Detected
Heptane	1.2	Not Detected	4.9	Not Detected
Trichloroethene	1.2	Not Detected	6.5	Not Detected
1,2-Dichloropropane	1.2	Not Detected	5.6	Not Detected
1,4-Dioxane	4.8	Not Detected	17	Not Detected
Bromodichloromethane	1.2	Not Detected	8.1	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.5	Not Detected
4-Methyl-2-pentanone	1.2	7.0	4.9	28
Toluene	1.2	Not Detected	4.5	Not Detected
trans-1,3-Dichloropropene	1.2	Not Detected	5.5	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.6	Not Detected
Tetrachloroethene	1.2	Not Detected	8.2	Not Detected
2-Hexanone	4.8	Not Detected	20	Not Detected



Air Toxics

Client Sample ID: SG-1-5'-FD

Lab ID#: 1404181A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

EPA METHOD 16-15 GC/MS FULL SCAN				
File Name:	17041518	Date of Collection: 4/9/14 10:10:00 AM		
Dil. Factor:	2.41	Date of Analysis: 4/15/14 03:32 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.2	Not Detected	10	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.2	Not Detected
Chlorobenzene	1.2	Not Detected	5.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Styrene	1.2	Not Detected	5.1	Not Detected
Bromoform	1.2	Not Detected	12	Not Detected
Cumene	1.2	Not Detected	5.9	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.3	Not Detected
Propylbenzene	1.2	Not Detected	5.9	Not Detected
4-Ethyltoluene	1.2	Not Detected	5.9	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,3-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.2	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,2,4-Trichlorobenzene	4.8	Not Detected UJ	36	Not Detected UJ
Hexachlorobutadiene	4.8	Not Detected UJ	51	Not Detected UJ
Isobutylene	4.8	Not Detected	11	Not Detected
Naphthalene	4.8	Not Detected	25	Not Detected

UJ = Non-detected compound associated with low bias in the CCV and/or LCS.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: SG-2-5'

Lab ID#: 1404181A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17041520	Date of Collection: 4/9/14 11:00:00 AM
Dil. Factor:	2.43	Date of Analysis: 4/15/14 07:13 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	Not Detected	6.0	Not Detected
Freon 114	1.2	Not Detected	8.5	Not Detected
Chloromethane	12	Not Detected	25	Not Detected
Vinyl Chloride	1.2	Not Detected	3.1	Not Detected
1,3-Butadiene	1.2	Not Detected	2.7	Not Detected
Bromomethane	12	Not Detected	47	Not Detected
Chloroethane	4.9	Not Detected	13	Not Detected
Freon 11	1.2	Not Detected	6.8	Not Detected
Ethanol	4.9	21	9.2	40
Freon 113	1.2	Not Detected	9.3	Not Detected
1,1-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Acetone	12	19	29	45
2-Propanol	4.9	5.3	12	13
Carbon Disulfide	4.9	Not Detected	15	Not Detected
3-Chloropropene	4.9	Not Detected	15	Not Detected
Methylene Chloride	12	Not Detected	42	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.4	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Hexane	1.2	Not Detected	4.3	Not Detected
1,1-Dichloroethane	1.2	Not Detected	4.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.9	Not Detected	14	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Tetrahydrofuran	1.2	Not Detected	3.6	Not Detected
Chloroform	1.2	Not Detected	5.9	Not Detected
1,1,1-Trichloroethane	1.2	Not Detected	6.6	Not Detected
Cyclohexane	1.2	Not Detected	4.2	Not Detected
Carbon Tetrachloride	1.2	Not Detected	7.6	Not Detected
2,2,4-Trimethylpentane	1.2	Not Detected	5.7	Not Detected
Benzene	1.2	Not Detected	3.9	Not Detected
1,2-Dichloroethane	1.2	Not Detected	4.9	Not Detected
Heptane	1.2	Not Detected	5.0	Not Detected
Trichloroethene	1.2	Not Detected	6.5	Not Detected
1,2-Dichloropropane	1.2	Not Detected	5.6	Not Detected
1,4-Dioxane	4.9	Not Detected	18	Not Detected
Bromodichloromethane	1.2	Not Detected	8.1	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.5	Not Detected
4-Methyl-2-pentanone	1.2	5.5	5.0	22
Toluene	1.2	Not Detected	4.6	Not Detected
trans-1,3-Dichloropropene	1.2	Not Detected	5.5	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.6	Not Detected
Tetrachloroethene	1.2	Not Detected	8.2	Not Detected
2-Hexanone	4.9	Not Detected	20	Not Detected



Air Toxics

Client Sample ID: SG-2-5'

Lab ID#: 1404181A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17041520	Date of Collection: 4/9/14 11:00:00 AM
Dil. Factor:	2.43	Date of Analysis: 4/15/14 07:13 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.2	Not Detected	10	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.3	Not Detected
Chlorobenzene	1.2	Not Detected	5.6	Not Detected
Ethyl Benzene	1.2	Not Detected	5.3	Not Detected
m,p-Xylene	1.2	Not Detected	5.3	Not Detected
o-Xylene	1.2	Not Detected	5.3	Not Detected
Styrene	1.2	Not Detected	5.2	Not Detected
Bromoform	1.2	Not Detected	12	Not Detected
Cumene	1.2	Not Detected	6.0	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.3	Not Detected
Propylbenzene	1.2	Not Detected	6.0	Not Detected
4-Ethyltoluene	1.2	Not Detected	6.0	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	6.0	Not Detected
1,3-Dichlorobenzene	1.2	Not Detected	7.3	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.3	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.3	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.3	Not Detected
1,2,4-Trichlorobenzene	4.9	Not Detected UJ	36	Not Detected UJ
Hexachlorobutadiene	4.9	Not Detected UJ	52	Not Detected UJ
Isobutylene	4.9	Not Detected	11	Not Detected
Naphthalene	4.9	Not Detected	25	Not Detected

UJ = Non-detected compound associated with low bias in the CCV and/or LCS.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	99	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1404181A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17041511a	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/15/14 12:55 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1404181A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

EPA METHOD 16-1S GC/MS FULL SCAN

File Name:	17041511a	Date of Collection:	NA	
Dil. Factor:	1.00	Date of Analysis:	4/15/14 12:55 PM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected UJ	15	Not Detected UJ
Hexachlorobutadiene	2.0	Not Detected UJ	21	Not Detected UJ
Isobutylene	2.0	Not Detected	4.6	Not Detected
Naphthalene	2.0	Not Detected	10	Not Detected

UJ = Non-detected compound associated with low bias in the CCV and/or LCS.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	97	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1404181A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17041502	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/15/14 08:51 AM

Compound	%Recovery
Freon 12	105
Freon 114	109
Chloromethane	103
Vinyl Chloride	107
1,3-Butadiene	112
Bromomethane	99
Chloroethane	105
Freon 11	104
Ethanol	105
Freon 113	108
1,1-Dichloroethene	111
Acetone	105
2-Propanol	105
Carbon Disulfide	108
3-Chloropropene	111
Methylene Chloride	103
Methyl tert-butyl ether	113
trans-1,2-Dichloroethene	112
Hexane	112
1,1-Dichloroethane	103
2-Butanone (Methyl Ethyl Ketone)	112
cis-1,2-Dichloroethene	108
Tetrahydrofuran	109
Chloroform	105
1,1,1-Trichloroethane	106
Cyclohexane	112
Carbon Tetrachloride	103
2,2,4-Trimethylpentane	114
Benzene	108
1,2-Dichloroethane	101
Heptane	113
Trichloroethene	102
1,2-Dichloropropane	106
1,4-Dioxane	108
Bromodichloromethane	104
cis-1,3-Dichloropropene	108
4-Methyl-2-pentanone	107
Toluene	107
trans-1,3-Dichloropropene	109
1,1,2-Trichloroethane	102
Tetrachloroethene	104
2-Hexanone	106



Air Toxics

Client Sample ID: CCV

Lab ID#: 1404181A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17041502	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/15/14 08:51 AM

Compound	%Recovery
Dibromochloromethane	102
1,2-Dibromoethane (EDB)	104
Chlorobenzene	102
Ethyl Benzene	108
m,p-Xylene	105
o-Xylene	106
Styrene	109
Bromoform	101
Cumene	106
1,1,2,2-Tetrachloroethane	96
Propylbenzene	99
4-Ethyltoluene	100
1,3,5-Trimethylbenzene	96
1,2,4-Trimethylbenzene	96
1,3-Dichlorobenzene	88
1,4-Dichlorobenzene	88
alpha-Chlorotoluene	92
1,2-Dichlorobenzene	84
1,2,4-Trichlorobenzene	61 Q
Hexachlorobutadiene	61 Q
Isobutylene	102
Naphthalene	60

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1404181A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17041504	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/15/14 09:34 AM

Compound	%Recovery	Method Limits
Freon 12	87	70-130
Freon 114	89	70-130
Chloromethane	82	70-130
Vinyl Chloride	88	70-130
1,3-Butadiene	90	70-130
Bromomethane	84	70-130
Chloroethane	91	70-130
Freon 11	87	70-130
Ethanol	96	70-130
Freon 113	101	70-130
1,1-Dichloroethene	103	70-130
Acetone	90	70-130
2-Propanol	90	70-130
Carbon Disulfide	82	70-130
3-Chloropropene	88	70-130
Methylene Chloride	93	70-130
Methyl tert-butyl ether	94	70-130
trans-1,2-Dichloroethene	80	70-130
Hexane	97	70-130
1,1-Dichloroethane	90	70-130
2-Butanone (Methyl Ethyl Ketone)	96	70-130
cis-1,2-Dichloroethene	102	70-130
Tetrahydrofuran	92	70-130
Chloroform	89	70-130
1,1,1-Trichloroethane	87	70-130
Cyclohexane	96	70-130
Carbon Tetrachloride	87	70-130
2,2,4-Trimethylpentane	98	70-130
Benzene	88	70-130
1,2-Dichloroethane	82	70-130
Heptane	96	70-130
Trichloroethene	86	70-130
1,2-Dichloropropane	87	70-130
1,4-Dioxane	91	70-130
Bromodichloromethane	88	70-130
cis-1,3-Dichloropropene	94	70-130
4-Methyl-2-pentanone	90	70-130
Toluene	87	70-130
trans-1,3-Dichloropropene	86	70-130
1,1,2-Trichloroethane	84	70-130
Tetrachloroethene	86	70-130
2-Hexanone	88	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1404181A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17041504	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/15/14 09:34 AM

Compound	%Recovery	Method Limits
Dibromochloromethane	87	70-130
1,2-Dibromoethane (EDB)	86	70-130
Chlorobenzene	84	70-130
Ethyl Benzene	90	70-130
m,p-Xylene	88	70-130
o-Xylene	89	70-130
Styrene	91	70-130
Bromoform	89	70-130
Cumene	92	70-130
1,1,2,2-Tetrachloroethane	82	70-130
Propylbenzene	90	70-130
4-Ethyltoluene	93	70-130
1,3,5-Trimethylbenzene	89	70-130
1,2,4-Trimethylbenzene	92	70-130
1,3-Dichlorobenzene	84	70-130
1,4-Dichlorobenzene	86	70-130
alpha-Chlorotoluene	92	70-130
1,2-Dichlorobenzene	85	70-130
1,2,4-Trichlorobenzene	94	70-130
Hexachlorobutadiene	91	70-130
Isobutylene	Not Spiked	
Naphthalene	74	60-140

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	99	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1404181A-06AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17041505	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/15/14 10:13 AM

Compound	%Recovery	Method Limits
Freon 12	87	70-130
Freon 114	89	70-130
Chloromethane	83	70-130
Vinyl Chloride	87	70-130
1,3-Butadiene	92	70-130
Bromomethane	81	70-130
Chloroethane	87	70-130
Freon 11	87	70-130
Ethanol	88	70-130
Freon 113	101	70-130
1,1-Dichloroethene	103	70-130
Acetone	89	70-130
2-Propanol	91	70-130
Carbon Disulfide	82	70-130
3-Chloropropene	88	70-130
Methylene Chloride	93	70-130
Methyl tert-butyl ether	93	70-130
trans-1,2-Dichloroethene	82	70-130
Hexane	92	70-130
1,1-Dichloroethane	87	70-130
2-Butanone (Methyl Ethyl Ketone)	93	70-130
cis-1,2-Dichloroethene	100	70-130
Tetrahydrofuran	90	70-130
Chloroform	88	70-130
1,1,1-Trichloroethane	88	70-130
Cyclohexane	96	70-130
Carbon Tetrachloride	87	70-130
2,2,4-Trimethylpentane	97	70-130
Benzene	88	70-130
1,2-Dichloroethane	81	70-130
Heptane	94	70-130
Trichloroethene	83	70-130
1,2-Dichloropropane	87	70-130
1,4-Dioxane	90	70-130
Bromodichloromethane	86	70-130
cis-1,3-Dichloropropene	93	70-130
4-Methyl-2-pentanone	91	70-130
Toluene	85	70-130
trans-1,3-Dichloropropene	82	70-130
1,1,2-Trichloroethane	81	70-130
Tetrachloroethene	84	70-130
2-Hexanone	87	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1404181A-06AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17041505	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/15/14 10:13 AM

Compound	%Recovery	Method Limits
Dibromochloromethane	86	70-130
1,2-Dibromoethane (EDB)	82	70-130
Chlorobenzene	82	70-130
Ethyl Benzene	87	70-130
m,p-Xylene	87	70-130
o-Xylene	86	70-130
Styrene	90	70-130
Bromoform	88	70-130
Cumene	90	70-130
1,1,2,2-Tetrachloroethane	82	70-130
Propylbenzene	88	70-130
4-Ethyltoluene	92	70-130
1,3,5-Trimethylbenzene	88	70-130
1,2,4-Trimethylbenzene	91	70-130
1,3-Dichlorobenzene	82	70-130
1,4-Dichlorobenzene	84	70-130
alpha-Chlorotoluene	90	70-130
1,2-Dichlorobenzene	84	70-130
1,2,4-Trichlorobenzene	93	70-130
Hexachlorobutadiene	90	70-130
Isobutylene	Not Spiked	
Naphthalene	72	60-140

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	99	70-130

4/24/2014

Mr. Frank Gegunde
URS Corporation
30 River Park Place West
Suite 180
Fresno CA 93720

Project Name: Phase II ESA-655 G St.
Project #: 18715311.40000
Workorder #: 1404181B

Dear Mr. Frank Gegunde

The following report includes the data for the above referenced project for sample(s) received on 4/10/2014 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1945 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1404181B

Work Order Summary

CLIENT: Mr. Frank Gegunde
URS Corporation
30 River Park Place West
Suite 180
Fresno, CA 93720

BILL TO: Accounts Payable Austin
URS Corporation
P.O. BOX 203970
Austin, TX 78720-1088

PHONE: 559-256-1468

P.O. #

FAX: 559-256-1478

PROJECT # 18715311.40000 Phase II ESA-655 G St.

DATE RECEIVED: 04/10/2014

CONTACT: Kelly Buettner

DATE COMPLETED: 04/24/2014

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	SG-1-5'	Modified ASTM D-1945	3.7 "Hg	14.8 psi
02A	SG-1-5'-FD	Modified ASTM D-1945	4.9 "Hg	14.9 psi
03A	SG-2-5'	Modified ASTM D-1945	5.3 "Hg	14.7 psi
04A	Lab Blank	Modified ASTM D-1945	NA	NA
05A	LCS	Modified ASTM D-1945	NA	NA
05AA	LCSD	Modified ASTM D-1945	NA	NA

CERTIFIED BY:



Technical Director

DATE: 04/24/14

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704434-13-6, UT NELAP CA009332013-4, VA NELAP - 460197, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)

Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.

Eurofins Air Toxics Inc. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020



LABORATORY NARRATIVE

Modified ASTM D-1945

URS Corporation

Workorder# 1404181B

Three 1 Liter Summa Canister samples were received on April 10, 2014. The laboratory performed analysis via modified ASTM Method D-1945 for Methane and fixed gases in natural gas using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>ASTM D-1945</i>	<i>ATL Modifications</i>
Normalization	Sum of original values should not differ from 100.0% by more than 1.0%.	Sum of original values may range between 85-115%. Normalization of data not performed.
Sample analysis	Equilibrate samples to 20-50° F. above source temperature at field sampling	No heating of samples is performed.
Sample calculation	Response factor is calculated using peak height for C5 and lighter compounds.	Peak areas are used for all target analytes to quantitate concentrations.
Reference Standard	Concentration should not be < half of nor differ by more than 2 X the concentration of the sample. Run 2 consecutive checks; must agree within 1%.	A minimum 3-point linear calibration is performed. The acceptance criterion is %RSD <= 15%. All target analytes must be within the linear range of calibration (with the exception of O ₂ , N ₂ , and C ₆ + Hydrocarbons).
Sample Injection Volume	0.50 mL to achieve Methane linearity.	1.0 mL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Six qualifiers may have been used on the data analysis sheets and indicate as follows:

J - Estimated value.

E - Exceeds instrument calibration range.

- S - Saturated peak.
- Q - Exceeds quality control limits.
- U - Compound analyzed for but not detected above the detection limit.
- M - Reported value may be biased due to apparent matrix interferences.

File extensions may have been used on the data analysis sheets and indicates as follows:

- a-File was requantified
- b-File was quantified by a second column and detector
- r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

Client Sample ID: SG-1-5'**Lab ID#: 1404181B-01A**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	21
Carbon Dioxide	0.023	0.31

Client Sample ID: SG-1-5'-FD**Lab ID#: 1404181B-02A**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	21
Carbon Dioxide	0.024	0.36

Client Sample ID: SG-2-5'**Lab ID#: 1404181B-03A**

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	21
Carbon Dioxide	0.024	0.059



Air Toxics

Client Sample ID: SG-1-5'

Lab ID#: 1404181B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	10041122	Date of Collection: 4/9/14 10:00:00 AM
Dil. Factor:	2.29	Date of Analysis: 4/11/14 08:15 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	21
Methane	0.00023	Not Detected
Carbon Dioxide	0.023	0.31

Container Type: 1 Liter Summa Canister



Air Toxics

Client Sample ID: SG-1-5'-FD

Lab ID#: 1404181B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	10041123	Date of Collection: 4/9/14 10:10:00 AM
Dil. Factor:	2.41	Date of Analysis: 4/11/14 08:38 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	21
Methane	0.00024	Not Detected
Carbon Dioxide	0.024	0.36

Container Type: 1 Liter Summa Canister



Air Toxics

Client Sample ID: SG-2-5'

Lab ID#: 1404181B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	10041124	Date of Collection: 4/9/14 11:00:00 AM
Dil. Factor:	2.43	Date of Analysis: 4/11/14 09:00 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	21
Methane	0.00024	Not Detected
Carbon Dioxide	0.024	0.059

Container Type: 1 Liter Summa Canister



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1404181B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	10041106	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/11/14 10:30 AM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: LCS

Lab ID#: 1404181B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	10041102	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/11/14 08:22 AM

Compound	%Recovery	Method Limits
Oxygen	101	85-115
Methane	101	85-115
Carbon Dioxide	100	85-115

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1404181B-05AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	10041125	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/11/14 09:22 PM

Compound	%Recovery	Method Limits
Oxygen	101	85-115
Methane	99	85-115
Carbon Dioxide	101	85-115

Container Type: NA - Not Applicable

APPENDIX D
WASTE DISPOSAL MANIFESTS

The Profile Approval # and/or a copy of this profile must accompany each shipment

When completed, please Fax or Email to : (909) 873-4142 / profiling@filterrecycling.com		Profile Acceptance #	
Filter Recycling Services, Inc.		Date:	
P.O. Box 449 - Colton, California 92324		Authorized By:	
A. Generator Information		B. FRS Sales Representative:	
☐ Household ☐ CESOG ☐ Check if applicable		Name: Dan Lesinski	
Generator Name: Successor Agency to the Redevelopment Agency		Mailing/Manifest Address:	
Site Address: 655 G Street		Mr. Enrique Mendez 2344 Tulare Street, Suite 200	
City, State, Zip: Fresno, CA.		Fresno, CA. 93721	
U.S. E.P.A. ID #: N/A		S.I.C. Code:	
Technical Contact: George Starbuck		Email: starbuckconst@aol.com	
Phone Number: 559/645-8181		Fax Number: 559/645-8182	
Name of Waste: Non-Haz Solid		Process Generating the Waste: Former UST removal site (soil cuttings)	
		Contact: George Starbuck	
		Phone: 559/645-8181	
		Fax: 559/645-8182	
		Email: starbuckconst@aol.com	

ATTACH ANY MSDS and ANALYTICAL THAT HAS BEEN PERFORMED

D. Characteristics									
Color clear	Odor ☒ None	Physical State @ 70° ☐ Liquid	Layers ☐ Multi-layered	E. Metals ☒ None	☐ TTLC mg/kg	☐ STLC mg/l	☐ TCLP mg/l		
BTU/LB ☐ Mild	☐ Strong	☐ Semi-Solid	☐ Bi-layered	Arsenic	Selenium	Nickel			
☐ Flash Point	☐ 140 - 200° F	☒ Solid	☒ Single Layered	Barium	Silver	Vanadium			
☐ < 70° F	☐ > 200° F	☒ No	☐ Yes	Benzene	Asbestos	Zinc			
☐ 70-100° F	☒ No Flash	Lbs/Gal		Cadmium	Beryllium	Cyanides			
☐ 101-139° F	Exact	Lbs/Ft		Chromium	Copper	Pesticides			
☐ API Gravity				Lead	Molybdenum				
pH Range	F. Physical/Chemical Composition			G. Shipping Information					
☐ ≤ 2				Proper Shipping Name:					
☐ 2.1 - 4				Non-Haz Solid (soil cuttings)					
☒ 4.1 - 10	**See attached analytical			Hazard Class					
☐ 10.1 - 12.4				UN/NA #:					
☐ ≥ 12.5				PG:					
☐ Exact				State Code:					
						EPA Code:			
						RCRA Hazardous ☐ Yes ☒ No			
						CERCLA ☐ Yes ☒ No			
						☐ This waste is exempt from RCRA regulations, UST Remediation, per 40 CFR 261.4(b)(10)			
						☐ This waste is excluded from RCRA regulations, Commercial Chemical Product, per 40 CFR 261.2(c)(2)(ii)			
						Volume: 100			
						☒ One-Time			
☐ Bulk Liquids	☐ Bulk Solids	☒ Drum(s)		32	Drums	Boxes/ Sacks	☐ Monthly		
Method of Shipment					Gallons	Yards	☐ Annually		
H. Special Handling Information:				Lab Pack ☐		Commodity Pack ☐		Consolidated ☐	
Generator or signatory below, of this waste, certifies that the information above is true and accurate and that the determination of this waste stream was derived by state certified analysis and/or generator knowledge. If the physical or chemical composition of the waste changes, the generator will notify Filter Recycling Services Inc. prior to shipment. The generator and signatory below are solely responsible for all cost(s) associated with the proper disposal of any material delivered to Filter Recycling Services, Inc.									
Signature: 			Printed Name: Enrique Mendez			Title: Project Coordinator		Date: 6-12-14	

The Profile Approval # and/or a copy of this profile must accompany each shipment

When completed, please Fax or Email to : (909) 873-4142 / profiling@filterrecycling.com		Profile Acceptance #	
Filter Recycling Services, Inc. P.O. Box 449 - Colton, California 92324		Date:	
		Authorized By:	
A. Generator Information		B. FRS Sales Representative:	
☐ Household ☐ CESOG ☐ Check if applicable		Name: Dan Lesinski	
Generator Name: Successor Agency to the Redevelopment Agency		Mailing/Manifest Address:	
Site Address: 655 G Street		Mr. Enrique Mendez 2344 Tulare Street, Suite 200	
City, State, Zip: Fresno, CA.		Fresno, CA. 93721	
U.S. E.P.A. ID #: N/A		S.I.C. Code:	
Technical Contact: George Starbuck		Email: starbuckconst@aol.com	
Phone Number: 559/645-8181		Fax Number: 559/645-8182	
Name of Waste: Non-Haz Liquid		Contact: George Starbuck	
Process Generating the Waste: Former UST, decon water		Phone: 559/645-8181	
		Fax: 559/645-8182	
		Email: starbuckconst@aol.com	

ATTACH ANY MSDS and ANALYTICAL THAT HAS BEEN PERFORMED

D. Characteristics				
Color	Odor	Physical State @ 70°	Layers	E. Metals
clear	☒ None	☒ Liquid	☐ Multi-layered	☒ None ☐ TTLC mg/kg ☐ STLC mg/l ☐ TCLP mg/l
BTU/LB	☐ Mild	☐ Semi-Solid	☐ Bi-layered	Arsenic
	☐ Strong	☐ Solid	☒ Single Layered	Barium
Flash Point	☐ 140 - 200° F	Density	Free Liquids	Benzene
☐ < 70° F	☐ > 200° F	Lbs/Gal	☐ No	Cadmium
☐ 70-100° F	☒ No Flash	Lbs/Ft	☒ Yes	Chromium
☐ 101-139° F	Exact	API Gravity	%	Lead
pH Range	F. Physical/Chemical Composition		G. Shipping Information	
☐ ≤ 2			Proper Shipping Name:	
☐ 2.1 - 4			Non-Haz Liquid	
☒ 4.1 - 10	**See attached analytical		Hazard Class	
☐ 10.1 - 12.4			UN/NA #:	
☐ ≥ 12.5			PG:	
☐ Exact			State Code:	
			EPA Code:	
			RCRA Hazardous ☐ Yes ☒ No	
			CERCLA ☐ Yes ☒ No	
			☐ This waste is exempt from RCRA regulations, UST Remediation, per 40 CFR 261.4(b)(10)	
			☐ This waste is excluded from RCRA regulations, Commercial Chemical Product, per 40 CFR 261.2(c)(2)(ii)	
	TOTAL (should = 100%)		Volume: 100	
☐ Bulk Liquids	☐ Bulk Solids	☒ Drum(s)	☒ One-Time	
Method of Shipment			5 Drums	
H. Special Handling Information:			Boxes/ Sacks	
			Gallons	
			Yards	
			Annually	
			Lab Pack ☐ Commodity Pack ☐ Consolidated ☐	
Generator or signatory below, of this waste, certifies that the information above is true and accurate and that the determination of this waste stream was derived by state certified analysis and/or generator knowledge. If the physical or chemical composition of the waste changes, the generator will notify Filter Recycling Services Inc. prior to shipment. The generator and signatory below are solely responsible for all cost(s) associated with the proper disposal of any material delivered to Filter Recycling Services, Inc.				
Signature:	Printed Name: Enrique Mendez	Title: Project Coordinator	Date: 6-12-14	