



FINAL

**PHASE II ENVIRONMENTAL SITE ASSESSMENT
REPORT**

for

Assessor's Parcel Number 477-161-16T
46 E. Florence Avenue
City of Fresno, County of Fresno, California 93706

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IDENTIFICATION FORM

Document Title: **PHASE II ENVIRONMENTAL SITE ASSESSMENT
ASSESSOR'S PARCEL NUMBER 477-161-16T
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FRESNO, CALIFORNIA 93706**

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LIST OF ACRONYMS

µg/L	micrograms per liter
µg/kg	micrograms per kilogram
°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 46 E. Florence Avenue, Fresno, California (site or subject property) on behalf of the Successor Agency to the Redevelopment Agency of the City of Fresno (Client, Agency). This report documents the methods and findings of the Phase II ESA. 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 the Agency's request to perform a Phase II ESA to assess the potential for contamination in surface soil and shallow soil and in near-surface soil gas at the site. The request was made based on URS' recommendations in our October 2013 Phase I ESA report which concluded that, based on the historical agricultural uses of the subject property; the former presence of an active farmstead; and the subject property's proximity to the Hyde Park Disposal site and the Church and Fruit Junkyard site, a Phase II investigation was warranted.

The Phase II ESA Work Plan was developed by URS (URS, 2014) and approved for implementation by the USEPA Office of Regional Council Approval for Phase II: March 24, 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 or the environment.

1.2 SITE DESCRIPTION AND BACKGROUND

The subject property consists of a single parcel comprising approximately 3.7 acres of land located in Fresno, Fresno County, California . The parcel is a vacant lot located at 46 E. Florence Avenue. The County Assessor's parcel number is 477-161-16T. A Site Location Map is presented as Figure 1.

Based on a review of historical documents, parcel number 477-161-16T and the general vicinity were used for agricultural from prior to 1946, when a small farmstead appears in aerial photographs, until no later than 1965, when the site appears to be vacant. The Redevelopment Agency of the City of Fresno acquired the vacant parcel in January 1970.

1.3 SUMMARY OF PREVIOUS INVESTIGATIONS

The subject property was vacant at the time of URS' Phase I ESA site reconnaissance. The parcel appears to be used by local residents as a temporary turnaround point for traffic at the end of the E. Florence Avenue cul-de-sac, and several trucks were observed parked on the parcel

during the site visit (Figure 2). There were no structures, roads, or other improvements on the subject property at the time of URS' site reconnaissance. However, during the Phase II ESA a shallow concrete septic tank was discovered in the northeast quadrant of the site. The tank was reported to the Agency representative who indicated that the Agency would address the condition.

The Phase I ESA identified the following recognized environmental conditions (RECs) in connection with the subject property:

- No obvious signs of hazardous substances or petroleum products were observed at the subject property. Presumably some dumping of used vehicle fluids (e.g., engine oil, brake fluid, transmission fluid, coolant, lubricating oil) and parts-washing fluids (e.g., Stoddard solvent) may have occurred near shop buildings associated with the former farmstead. Pesticides may have been stored in the former sheds. Mixing and application of pesticides may have occurred onsite. Termiticides may have been used near wood-frame structures. Lead-based paint may have been used on the structures.
- The Hyde Park Disposal Site is a closed solid waste disposal site owned by the City of Fresno located adjacent to the west of the subject property. No additional information regarding the closed disposal site was readily available. Based on this information, this site may have a significant negative environmental impact on the subject property, including potential encroachment of VOCs or methane in soil vapor.
- The Church and Fruit Junkyard site located approximately 300 feet southwest of the subject property was a three acre abandoned salvage yard. Lead (Pb), other heavy metals, polychlorinated biphenyls (PCBs) and pesticides were present in onsite surface soils (about three feet thick) in the early 1990s. The site is underlain by with a construction debris fill layer ranging in thickness from 10 to 15 feet. Groundwater monitoring for lead continued during quarterly events at the site until the monitoring wells went dry in about 1996 and were destroyed in 2013. One of the former monitoring wells was immediately west of the subject property as shown on Figures 2 and 3. The site is inspected annually for the integrity of the capped area and security.

1.4 REGULATORY INVOLVEMENT

There has been no previous environmental regulatory agency involvement at 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, 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 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). In the area of the subject property, the thickness of the sediment is estimated to be approximately 4,000 feet (Page, 1969).

Native soils encountered beneath the site during the current investigation consisted predominantly of silty sands from the ground surface to a depth of approximately 2.5 feet below ground surface (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 San Joaquin 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 Depth to Water in Wells – Unconfined Aquifer", dated Spring 2010, groundwater was encountered in the vicinity of the site at a depth of approximately 100 feet. 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.

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

3.2 SOIL SAMPLING

On August 12 and 13, 2014, subsurface soil sampling was performed generally using the procedures discussed in Section 3.3.1.2 of the approved Phase II ESA Work Plan (URS, 2014). Soil samples were collected at eighteen on-site soil sampling locations to assess the areas of concern described in Section 1.2, above. . These locations included sampling near former houses, former shops and sheds, a former barn, and other historical site structures as identified in URS' Phase I ESA report (URS, 2013)(Figure 3):

- At all of the soil sampling locations, a soil sample was collected from the ground surface to a depth of no more than 6 inches bgs (0.5 feet). Subsurface soil samples were also collected at depths of 2.0 to 2.5 feet bgs and held pending the analytical results for the shallow samples (Table 1). Upon receipt of the 6-inch deep sample results, several of which contained elevated concentrations of lead and/or petroleum hydrocarbons, URS requested that the respective deeper interval sample be analyzed.
- Surface samples were collected directly into clean, laboratory-supplied glass jars. Subsurface soil sampling was performed with a hand auger. The auger was advanced to the top of the desired sampling interval. Then, a thin-walled stainless-steel core sampler fitted with a 2-inch diameter by 6-inch long stainless-steel sampling tube was inserted into the hole and driven approximately 6 inches deeper using a slide hammer, advancing the sampler into undisturbed soil at the bottom of the borehole.
- Soils collected for TPH-g and VOC analysis were immediately preserved by one of the processes specified in USEPA Method 5035 (Terra Core). Soil collected for other analyses was collected directly into pre-cleaned sample containers (e.g., glass jars with threaded plastic lids, or stainless steel tubes closed with Teflon film and plastic caps).
- Quality Assurance (QA) soil and soil gas samples were collected at the rate specified in the Field Sampling Plan (Table 1 and Table 2) and submitted to the analytical laboratory.

An equipment rinsate blank was also collected at the rate of one per day for each reusable and decontaminated soil sample collection implement.

- All subsurface boring equipment was decontaminated 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 and disposed of onsite as discussed in Section 3.5 below.
- The soil borings were backfilled to surface grade with cuttings exhibiting no field evidence of contamination.

3.3 SOIL AND WATER SAMPLE ANALYSIS

APPL, Inc. of Clovis, California, a State-accredited laboratory was subcontracted for analysis of collected soil samples. Surface soil and shallow soil were tested for volatile organic compounds (VOCs), poly aromatic hydrocarbons (PAHs), organo-chlorine pesticides (OCPs), chlorinated herbicides, metals, and total petroleum hydrocarbons (TPH) in the gasoline, diesel, and motor oil ranges (Table 1). Laboratory duplicate samples were analyzed at the rate specified in the Work Plan. Water samples consisted only of equipment rinsate blank samples analyzed. Analytical results are summarized on Tables 3 through 9. Laboratory reports and chain-of-custody forms are provided in Appendix A.

3.4 SOIL GAS SAMPLING AND ANALYSIS

On August 13, 2014, URS subcontracted Optimal Technology of Thousand Oaks, California to performed an active soil gas survey (ASGS) using a mobile field laboratory at the site. Soil gas samples were tested by Optimal Technology for TPH in the gasoline range (TPH-g), VOCs, and semivolatile organic compounds (SVOCs) including naphthalene. Soil gas samples to be tested for natural gases including methane were collected in SUMMA canisters and shipped to Eurofins/Air Toxics (fixed laboratory) for analysis. The soil gas samples were collected by Optimal Technology generally using the procedures discussed in Section 3.3.1.3 of the approved Phase II ESA Work Plan (URS, 2014). All 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).

The ASGS consisted of advancing nine (9) shallow and five (5) deep temporary soil-gas probes using direct-push technology at locations shown on Figure 3. The targeted sampling depths were approximately 5 feet bgs at all nine (9) locations and approximately 15 feet bgs at five (5) selected locations as shown on Table 2. Soil-gas sampling did not occur within five days of a significant rain or irrigation event, and did not occur in swales or depressions where large volumes of water could accumulate. The sampling areas were free of standing water for at least

five days prior to sampling. Laboratory reports, data validation reports, and chain-of-custody forms are provided in Appendix A. A summary of the analytical results is presented in Table 2.

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.

After purging and sampling by Optimal Technology, six primary and two duplicate soil gas samples were collected using laboratory-supplied SUMMA canisters and submitted under chain-of-custody to Eurofins/Air Toxics Laboratory in Folsom, California, for analysis of natural gases including methane by ASTM-1945. 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 A. A summary of the analytical results are presented in Table 2.

3.5 INVESTIGATION-DERIVED WASTE

No investigation-derived waste was generated during the sampling activities for this Phase II ESA except for used personal protective equipment (PPE) and minor amounts of non-hazardous decontamination fluids. Used PPE was brushed off to remove site media and then double bagged and placed in a municipal refuse dumpster. These wastes are not considered hazardous due to the limited amount of site media that may have adhered to the solid material and could be sent to any acceptable municipal landfill. Since the site media involved in decontamination were no deeper than about 3-feet bgs, the decontamination fluids were poured onto the ground surface at the site per the approved Phase II ESA Work Plan (URS, 2014).

4.0 DEVIATIONS FROM THE WORK PLAN

The USEPA-approved work plan and FSP were followed for the collection of soil and soil gas samples across the site. No deviations from the work plan occurred; however, during the Phase II ESA a shallow concrete septic tank was discovered in the northeast quadrant of the site. The tank was reported to the Agency representative who indicated that they would address the condition.

5.0 ANALYTICAL RESULTS

This section presents the analytical results for the soil and soil gas samples collected during this investigation. Soil samples were submitted to APPL, Inc. for analysis of VOCs, PAHs, OCPs, chlorinated herbicides, and metals. Selected samples were analyzed for total petroleum hydrocarbons (TPH) in the gasoline, diesel, and motor oil ranges. Soil gas samples were submitted to Air Toxics for potential TPHs, VOCs, and natural gas 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. Analytical results are summarized on Tables 2 through 9. Copies of the analytical data packages and data validation reports are included in Appendix A.

5.1 DATA QUALITY

All soil 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.

5.1.1 Soil Analytical Data

5.1.1.1 Metals

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

Field blanks were not submitted for metals analysis. Laboratory method blank results are discussed below.

- APPL Data Case 73973 - Antimony [0.25 milligrams per kilogram (mg/kg)]; arsenic (0.14 mg/kg); cadmium (0.037 mg/kg); selenium (0.34 mg/kg); vanadium (0.062 mg/kg); and nickel (1.3 mg/kg) were detected in the method blank for APPL Data Case 73973.
- APPL Data Case 73983 addendum - Lead was detected at a trace amount in the method blank in APPL Data Case 73983 addendum at 0.18 mg/kg. (Note “trace” amount = estimated values, i.e., between the method detection limit and reporting limit and indicated with a “J” qualifier in the laboratory analytical reports and the Phase II report tables).
- APPL Data Case 73983 - Antimony and nickel were detected in trace amounts in the method blank at 0.23 mg/kg and 1.3 mg/kg, respectively, in APPL Data Case 73983.
- APPL Data Case 73983 addendum - Lead was detected at a trace amount in the method blank in APPL Data Case 73983 addendum at 0.18 mg/kg.

Laboratory Duplicates

Five pairs of laboratory duplicates were analyzed by APPL for metals. The relative percent difference (RPD) between detected concentrations in the duplicate pairs for soil samples S-1-0.5', S-8-0.5', S-11-0.5', S-14-5', and S-17-5' did not exceed the QC limit of 50 percent for any of the duplicate pairs.

Laboratory Control Samples

APPL Data Case 73983 – In the soil laboratory control spike (LCS) and matrix spike, mercury recovered above the 120% upper control limit. Mercury was not detected in the soil samples, and

all the other spike recoveries were acceptable. All LCS recoveries for the other three Data Cases were within their QC acceptance ranges.

Reporting Limits and Dilutions

Samples for analysis of metals by U.S. EPA Method 6010B were not diluted. All reporting limits stated in the project QAPP for Methods 6010B and 7471A 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

No constituents of concern were detected in any of the method blanks for APPL Data Cases 73973; 73973 addendum; 73983; or 73983 addendum.

Laboratory Duplicates

One laboratory duplicate soil sample was analyzed for for TPH-g. No TPH-g was detected in the primary or duplicate sample.

Laboratory Control Samples

LCS recoveries were within their QC acceptance ranges.

Reporting Limits and Dilutions

Samples for analysis of TPH-g by U.S. EPA Method 8015 were not diluted. All reporting limits stated in the project QAPP for Method 8015 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 ($^{\circ}\text{C}$) $\pm 2^{\circ}\text{C}$ and analyzed and extracted within required holding times.

Blank Contamination

No constituents of concern were detected in any of the method blanks for APPL Data Cases 73973; 73973 addendum; 73983; or 73983 addendum.

Laboratory Duplicates

One laboratory duplicate soil sample was analyzed for TPH-d and TPH-mo.. The RPD between detected concentrations in the duplicate pair for soil sample S-1-0.5' did not exceed the QC limit of 50 percent for the duplicate pair.

Surrogates

- APPL Data Case 73973: The surrogate, octacosane recovered above the 140% upper control limit for one sample, due to the matrix. All other surrogate recoveries were acceptable.

Laboratory Control Samples

LCS recoveries were within their QC acceptance ranges.

Reporting Limits and Dilutions

Samples for analysis of TPH-d and TPH-mo by U.S. EPA Method 8015B were not diluted. All reporting limits stated in the project QAPP for Method 8015B were met.

5.1.1.4 Volatile Organic Compounds; Poly Aromatic Hydrocarbons; Organo-chlorine Pesticides; Chlorinated Herbicides

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 for APPL Data Cases 73973 and 73983. For APPL Data Cases 73973 addendum and 73983 addendum, the request for EPA 8081A and 8270-SIM was added more than 14 days after collection.

Blank Contamination

No constituents of concern were detected in any of the method blanks for APPL Data Cases 73973; 73973 addendum; 73983; or 73983 addendum.

Laboratory Duplicates

Five pairs of field duplicates were analyzed by to APPL for VOCs, PAHs, OCPs, and chlorinated herbicides. The relative percent difference (RPD) between detected concentrations in the duplicate pairs for soil samples S-1-0.5', S-11-0.5', S-14-0.5', and S-17-0.5' did not exceed the QC limit of 50 percent for any of the duplicate pairs. For sample S-8-0.5' and the respective duplicate sample, the parent sample does not have Endosulfan sulfate present, but in the duplicate it was detected at 400 micrograms per kilogram ($\mu\text{g}/\text{kg}$). The chromatograms were overlaid and a copy is included in the laboratory report (Appendix A). It clearly shows there is a peak present in the duplicate that is not present in the parent. All other peaks in the chromatogram match very well.

Laboratory Control Samples

- APPL Data Case 73973 addendum - For the EPA 8081A analysis, Endrin recovered high in the laboratory control spike and one surrogate was high in sample S-3-2.5'. All other acceptance criteria were met for this analysis.
- APPL Data Cases 73973 addendum - For the EPA 8270C-SIM analysis, in the 140910A LCS, twelve analytes recovered above the upper control limits. No target analytes were detected in the associated field samples. All other acceptance criteria were met for this analysis.

Reporting Limits and Dilutions

All reporting limits stated in the project QAPP for Methods 8260B, 8270C, 8081A, and 8151 were met.

5.1.2 Field Equipment Rinsate Water

5.1.2.1 Metals

Holding Time and Sample Conditions

Two field equipment rinsate blank 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

No field duplicates or laboratory duplicates were analyzed for the equipment rinsate blank samples.

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, Diesel, and Motor Oil

Holding Time and Sample Conditions

Two field equipment rinsate blank 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

No field duplicates or laboratory duplicates were analyzed for the equipment rinsate blank samples.

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 Poly Aromatic Hydrocarbons and Organo-chlorine Pesticides

Holding Time and Sample Conditions

Two field equipment rinsate blank 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

No field duplicates were collected for the equipment rinsate blank samples.

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

For soil gas samples collected by Optimal Technology (Optimal), all analyses were performed onsite within 30 minutes of sample collection on a laboratory grade Hewlett Packard model 5890 Series II gas chromatograph equipped with a Hewlett Packard model 5971 Mass Spectra Detector and Tekmar LSC 2000 Purge and Trap.

For the soil gas samples sent to Eurofins/Air Toxics (Air Toxics) for natural gas analysis, holding time for soil gas samples in SUMMA canisters is generally considered to be 30 days, although it is not specified in the ASTM D-1945 method. Air Toxics performed the analysis within 9 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 Air Toxics method blanks.

For the Optimal field laboratory, blanks were run at the beginning of each workday and after calibrations. The blanks were collected using an ambient air sample. These blanks checked the septum, syringe, GC column, GC detector and the ambient air. Contamination was not found in any of the blanks analyzed during this investigation.

Field Duplicates

No field duplicates were submitted to Air Toxics for natural gas analysis.

Optimal collected and analyzed two pairs of field duplicates (SG-4-15' and SG-7-15'). The duplicates were collected in parallel. There were no significant discrepancies between results of the duplicate pairs. The difference between samples did not vary more than 20%.

Tracer Gas (Leak-Check Compound)

Isobutylene was used during soil gas sampling as a tracer gas. Isobutylene was not detected in any of the samples collected for Optimal's 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 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 metals analyses, where trace amounts of some metals were detected in laboratory method blanks. These qualifications are not expected to affect the reliability of the overall data quality.

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 A-1, Final ESLs for Shallow Soils (<3m bgs), Residential Land Use, where groundwater is a current or potential source of drinking water; and the USEPA Regional Screening Levels (RSLs), January 2015, 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 Human Health Risk

Assessment (HHRA) Note Number 3. The most recent update to the RSLs was in January 2015 (Tables 3 through 8).

Soil gas analytical results were compared to the residential air screening levels in DTSC's HHRA Note 3 divided by the attenuation factor of 0.001 for future residential buildings set forth in DTSC's Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air, October 2001 (Table 2)..

5.3 SOIL ANALYTICAL RESULTS

Analytical results for the thirty six primary soil samples and duplicate samples submitted for laboratory analysis are discussed below.

5.3.1 Metals

Eleven primary soil samples and four duplicate samples were analyzed for Title 22 metals. Eight primary soil samples and one duplicate sample were analyzed for lead only (Table 1). The analytical laboratory results for metals analyses in soil are presented in Table 8 and summarized here.

- Arsenic, a naturally occurring metal, was detected in all of the soil samples analyzed for arsenic. Arsenic was detected in some of the soil samples at concentrations of up to 4.9 mg/kg, which is above the RWQCB ESL of 0.39 mg/kg and the USEPA RSL of 0.67 mg/kg, but is below the average background concentration for the Fresno area of 5.0 mg/kg indicated by the Kearny Foundation Report, Background Concentrations of Trace and Major Elements in California Soils (Kearny, 1996).
- Lead, also a naturally occurring metal, was detected in all of the soil samples analyzed for lead. The maximum detected concentration of lead in soil was 211 mg/kg in sample S-1-Dup collected at 0.5 feet bgs. The concentration in the primary sample S-1-0.5' was 152 mg/kg. These concentrations exceeded the RWQCB ESL of 80 mg/kg (Table 8), but not the RSL for lead. Only three other primary samples contained lead concentrations above the 80 mg/kg ESL, sample S-4-0.5' at 184 mg/kg; sample S-10-0.5' at 136 mg/kg; and sample S-15-0.5' at 121 mg/kg.
- None of the step-down soil samples collected at the 2.5-foot interval contained lead concentrations exceeding the residential soil ESL of 80 mg/kg and all of the 2.5-foot interval samples were below the average background concentration of 23.9 mg/kg (Table 8; Kearny, 1996).
- None of the other Title 22 metal concentrations detected were above their respective RWQCB ESLs or the USEPA RSLs where established.

5.3.2 Total Petroleum Hydrocarbons

Three primary soil samples, S-1-0.5', S-2-0.5', S-3-0.5', and one duplicate sample, S-1-Dup, were analyzed for TPH-g, TPH-d, and TPH-mo. The analytical laboratory results for TPH-g, TPH-d, and TPH-mo analyses in soil are presented in Table 7 and summarized here:

- TPH-g was not detected above laboratory reporting limits in any of the samples analyzed.
- TPH-d was detected in the three primary samples and the duplicate sample ranging in concentration from 4,700 mg/kg (S-3-0.5') to 28,000 mg/kg (S-1-0.5') with all four of the detections exceeding the RWQCB ESL of 100 mg/kg and the USEPA RSL of 96 mg/kg. As a result of these detections, the deeper 2.5-foot interval sample, which had been held, pending the results of the shallow interval, was analyzed at each of these locations. TPH-d was not detected in the deeper interval for all four samples analyzed.
- TPH-mo was detected in the three primary samples and the duplicate sample ranging in concentration from 8,500 mg/kg (S-3-0.5') to 72,000 mg/kg (S-1-0.5') with all four of the detections exceeding the RWQCB ESL of 100 mg/kg and the USEPA RSL of 2,500 mg/kg. As a result of these detections, the deeper 2.5-foot interval sample, which had been held, pending the results of the shallow interval, was analyzed at each of these locations. TPH-mo was not detected in the deeper interval for all four samples analyzed.

5.3.3 Volatile Organic Compounds; Poly Aromatic Hydrocarbons; Organo-chlorine Pesticides; Chlorinated Herbicides

VOCs

Three primary soil samples, S-1-0.5', S-2-0.5', S-3-0.5', and one duplicate sample, S-1-Dup, were analyzed for VOCs. The analytical laboratory results for VOCs in soil are presented in Table 3 and summarized here.

- Benzene was detected at trace concentrations in two samples (S-1-0.5' and S-2-0.5') and the duplicate sample (S-1-Dup). The detected concentrations were well below the RWQCB ESL of 44 µg/kg and the USEPA RSL of 1,200 µg/kg.
- Toluene was detected at a trace concentration in one sample (S-2-0.5'). The detected concentration was well below the RWQCB ESL of 2,900 µg/kg and the USEPA RSL of 4,900,000 µg/kg.

PAHs

Three primary soil samples, S-1-0.5', S-2-0.5', S-3-0.5', and one duplicate sample, S-1-Dup, were analyzed for PAHs. The analytical laboratory results for PAHs in soil are presented in Table 4 and summarized here.

- PAHs were detected at concentrations ranging from trace amounts to 19 µg/kg in all three of the primary soil samples and the duplicate sample. None of the respective detected concentrations were above the RWQCB ESLs or the USEPA RSLs where established.
- Naphthalene was detected in low concentrations in three samples S-1-Dup, S-2-0.5', and S-3-0.5' at 1.1 µg/kg, 8.0 µg/kg, and 5.7 µg/kg, respectively. The detected concentrations were well below the RWQCB ESL of 1,200 µg/kg and the USEPA RSL of 3,800 µg/kg.

OCPs

Thirty six primary soil samples, S-1-0.5' through S-18-0.5'; S-1-2.5' through S-18-2.5'; and five duplicate samples, S-1-Dup, S-8-Dup, S-11-Dup, S-14-Dup, and S-17-Dup were analyzed for OCPs. The analytical laboratory results for OCPs in soil are presented in Table 5 and summarized here.

- OCPs were detected in seventeen of eighteen primary soil samples collected from 0.5 feet bgs at concentrations ranging from trace amounts to 370 µg/kg.
- Dichlorodiphenyldichloroethylene (DDE) and dichlorodiphenyltrichloroethane (DDT) were the most common OCPs detected in the samples. The highest concentrations were detected in sample S-15-0.5' at 370 µg/kg and 84.0 µg/kg, respectively. The detected concentrations were well below the RWQCB ESL of 1,700 µg/kg and the USEPA RSL of 1,600 and 1,900 µg/kg, respectively (Table 5).
- Chlordane was detected above a trace level in only one soil sample, S-8-0.5', and its respective duplicate S-8-Dup at 75 µg/kg and 73 µg/kg respectively. The detected concentrations were well below the RWQCB ESL of 440 µg/kg and the USEPA RSL of 1,800 µg/kg, respectively.
- One duplicate sample, S-8-Dup yielded a detection of 400 µg/kg of endosulfan sulfate, however the constituent was not detected in the primary sample or any other samples and therefore is considered anomalous.
- OCPs were detected in three of eighteen primary soil samples collected from 2.5 feet bgs at concentrations ranging from trace amounts to 74 µg/kg. All of the detected concentrations are well below their respective RWQCB ESL or the USEPA RSL screening limits where established.

Chlorinated Herbicides

Eighteen primary soil samples, S-1-5' through S-18-5', and one duplicate sample, S-1-Dup, were analyzed for chlorinated herbicides. No chlorinated herbicides were detected in any of the samples submitted for analysis (Table 6).

5.4 SOIL GAS ANALYTICAL RESULTS

A total of fourteen soil gas samples were collected from nine locations, SG-1 through SG-9 at 5 feet bgs and SG-1, SG-4, SG-6, SG-7, and SG-8 at 15 feet bgs. All fourteen samples were analyzed by the Optimal mobile field laboratory for VOCs and naphthalene. Six of the samples, SG-1 at 5 feet bgs and 15 feet bgs; SG-4 at 5 feet bgs and 15 feet bgs; and SG7 at 5 feet bgs and 15 feet bgs; were shipped to Eurofins/Air Toxics and analyzed for natural gas content including methane. The results are summarized in Table 2. Laboratory analytical reports are included in Appendix A.

Two VOC compounds were detected in two separate soil gas samples:

- Benzene, a gasoline constituent, was detected at a maximum concentration of 0.14 micrograms per liter ($\mu\text{g/L}$), which is above the DTSC screening level of 0.084 $\mu\text{g/L}$ in one sample, SG-3 at 5 feet bgs.
- Tetrachloroethene (PCE) was detected at a maximum concentration of 0.15 $\mu\text{g/L}$, well below the DTSC screening level of 0.41 $\mu\text{g/L}$ in sample SG-8 at 15 feet bgs.

The screening value was adjusted by the Default Attenuation Factor - DTSC Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (VIG) October, 2011. The DTSC Default Attenuation Factor for potential future residential building = 0.001 (Table 2).

Natural Gas Analysis

The oxygen content in the six samples analyzed for natural gases ranged in concentration from 15% (SG-4-15') to 20% (SG-1-5', SG-7-5', SG-7-15') reported as a percent of the total vapor volume. Methane was not detected in any of the samples submitted.

6.0 CONCLUSIONS

6.1 SOIL

Lead concentrations exceeding the residential soil ESL were detected in four surface soil samples. However, none of the lead concentrations exceeded the commercial/industrial soil ESL of 320 mg/kg. TPH-d and TPH-mo concentrations exceeding the residential soil ESL and RSL were detected in three surface soil samples. These concentrations also exceeded the commercial/industrial soil ESLs of 110 and 500 mg/kg for TPH-d and TPH-mo, respectively. TPH-d and TPH-mo were not detected in the deeper samples collected at 2.5 feet bgs.

6.2 SOIL GAS

Although benzene was detected above DTSC's the residential air screening level in one active soil gas sample, it was the only detection of benzene found in eighteen primary samples and two duplicates. The detected benzene concentration was less than DTSC's industrial air screening level.

The oxygen content in six samples ranged from 15% to 20% reported as a percent of the total vapor volume.

7.0 RECOMENDATIONS

Based on data collected during this Phase II ESA, it appears that relatively small volumes of soil at the site are impacted by diesel- and motor oil-range petroleum hydrocarbons at concentrations exceeding residential and commercial/industrial screening levels. In addition, some areas of the site contain soil with lead concentrations exceeding residential screening levels but not commercial/industrial screening levels. Additional investigation and/or remediation of the conditions is recommended prior to future use of the site. If a commercial/industrial use is planned for the site, then it appears that only the small volumes of soil impacted by diesel- and motor oil-range hydrocarbons need additional investigation and/or remediation based on the results of this investigation.

8.0 REFERENCES

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TABLES

TABLE 1
ANALYSES ON DISCRETE SOIL SAMPLES
Phase II ESA 46 E. Florence Avenue, Fresno, CA
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Sample Location	Sample Depth	Environmental Concern	Lead (USEPA 6010B)	Title 22 Metals (USEPA 6010B/7471A)	OCPs (USEPA 8081A)	Chlorinated Herbicides (USEPA 8151)	TPH-d, TPH-mo (USEPA 8015M)	TPH-g, VOCs (USEPA 8260B)	PAHs (USEPA 8270-SIM)	Laboratory Duplicate
S-1	0 - 0.5'	Potential releases in stained soil		X	X	X	X	X	X	X
S-1	2 - 2.5'	Potential releases in stained soil	X		X		X	X	X	
S-2	0 - 0.5'	Potential releases in stained soil		X	X	X	X	X	X	
S-2	2 - 2.5'	Potential releases in stained soil	X		X		X	X	X	
S-3	0 - 0.5'	Potential releases in stained soil		X	X	X	X	X	X	
S-3	2 - 2.5'	Potential releases in stained soil	X		X		X	X	X	
S-4	0 - 0.5'	Potential releases in stained soil	X		X	X	X	X	X	
S-4	2 - 2.5'	Potential releases in stained soil	X		X					
S-5	0 - 0.5'	Potential releases in stained soil	X		X	X	X	X	X	
S-5	2 - 2.5'	Potential releases in stained soil	X		X					
S-6	0 - 0.5'	Lead-based paint and termiticide from former house	X		X	X				
S-6	2 - 2.5'	Lead-based paint and termiticide from former house	X		X					
S-7	0 - 0.5'	Agricultural chemicals and lead-based paint on former shed		X	X	X				
S-7	2 - 2.5'	Agricultural chemicals and lead-based paint on former shed	X		X					
S-8	0 - 0.5'	Agricultural chemicals and lead-based paint on former shed		X	X	X				X
S-8	2 - 2.5'	Agricultural chemicals and lead-based paint on former shed	X		X					
S-9	0 - 0.5'	Agricultural chemicals and lead-based paint on former barn		X	X	X				
S-9	2 - 2.5'	Agricultural chemicals and lead-based paint on former barn	X		X					
S-10	0 - 0.5'	Agricultural chemicals and lead-based paint on former shed		X	X	X				
S-10	2 - 2.5'	Agricultural chemicals and lead-based paint on former shed		X	X					
S-11	0 - 0.5'	Agricultural chemicals and lead-based paint on former shop		X	X	X				X
S-11	2 - 2.5'	Agricultural chemicals and lead-based paint on former shop		X	X					
S-12	0 - 0.5'	Lead-based paint and termiticide from former house	X		X	X				
S-12	2 - 2.5'	Lead-based paint and termiticide from former house	X		X					
S-13	0 - 0.5'	Lead-based paint and termiticide from former house	X		X	X				
S-13	2 - 2.5'	Lead-based paint and termiticide from former house	X		X					
S-14	0 - 0.5'	Lead-based paint and termiticide from former house	X		X	X				X
S-14	2 - 2.5'	Lead-based paint and termiticide from former house	X		X					
S-15	0 - 0.5'	Lead-based paint and termiticide from former house	X		X	X				
S-15	2 - 2.5'	Lead-based paint and termiticide from former house	X		X					
S-16	0 - 0.5'	Agricultural chemicals and lead-based paint on former shed		X	X	X				
S-16	2 - 2.5'	Agricultural chemicals and lead-based paint on former shed	X		X					
S-17	0 - 0.5'	Agricultural chemicals and lead-based paint on former shop		X	X	X				X
S-17	2 - 2.5'	Agricultural chemicals and lead-based paint on former shop	X		X					
S-18	0 - 0.5'	Agricultural chemicals and lead-based paint on former shed		X	X	X				
S-18	2 - 2.5'	Agricultural chemicals and lead-based paint on former shed	X		X					

NOTES:

An "X" indicates that the sample was analyzed for that chemical group.
 USEPA = U.S. Environmental Protection Agency
 Title 22 Metals = 17 heavy metals listed in California Code of Regulations Title 22
 OCPs = organochlorine pesticides
 PAHs = polynuclear aromatic hydrocarbons
 SIM = selective ion mode
 TPH-g = total petroleum hydrocarbons referenced to gasoline (C6-C12)
 TPH-d = total petroleum hydrocarbons referenced to diesel (C13-C22)
 TPH-mo = total petroleum hydrocarbons referenced to motor oil (C23-C35)

TABLE 2
ACTIVE SOIL GAS ANALYTICAL RESULTS
Phase II ESA 46 E. Florence Avenue, Fresno, CA
Page 1 of 1

Sample Location	Sample Depth (feet)	Natural Gases (ASTM D-1945; fixed laboratory) (reported as a percent of the total vapor volume)				VOCs, SVOCs (USEPA 8260; mobile laboratory - only detected analytes are shown)		QA/QC Duplicates
		Oxygen (%)	Nitrogen (%)	Carbon Dioxide (%)	Methane (%)	Benzene (µg/L)	PCE (µg/L)	
SG-1	5	20	79	1.4	ND	ND	ND	
SG-1	15	17	79	4.4	ND	ND	ND	
SG-2	5	--	--	--	ND	ND	ND	
SG-3	5	--	--	--	ND	0.14	ND	
SG-4	5	19	79	1.8	ND	ND	ND	
SG-4	15	15	79	5.8	ND	ND	ND	X
SG-5	5	--	--	--	ND	ND	ND	
SG-6	5	--	--	--	ND	ND	ND	
SG-6	15	--	--	--	ND	ND	ND	
SG-7	5	20	79	1.4	ND	ND	ND	
SG-7	15	20	78	2.1	ND	ND	ND	X
SG-8	5	--	--	--	ND	ND	ND	
SG-8	15	--	--	--	ND	ND	0.15	
SG-9	5	--	--	--	ND	ND	ND	
* DTSC Screening Value		NA	NA	NA	NA	0.084	0.41	

NOTES:

Fixed laboratory = Eurofins/Air Toxics of Folsom, CA

Mobile laboratory = Optimal Technology of Thousand Oaks, CA

USEPA = U.S. Environmental Protection Agency

VOCs = volatile organic compounds

SVOCs = semivolatiles organic compounds

PCE = tetrachloroethene

(µg/L) = micrograms per liter

ND = not detected above laboratory detection limits

NA = not applicable

X = no analytes were detected above the laboratory detection limits in the QA/QC duplicate samples

* The screening value from DTSC Office of Human and Ecological Risk (HERO) Human Health Risk Assessment (HHRA) Note Number 3 - DTSC Recommended Methodology for Use of U.S. EPA Regional Screening Levels (RSLs) in Human Health Risk Assessment Process at Hazardous Waste Sites and Permitted Facilities - July 14, 2014, was adjusted by the Default Attenuation Factor - DTSC Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (VIG) October, 2011. The DTSC Default Attenuation Factor for potential future residential building = 0.001.

TABLE 3
SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS
Phase II ESA 46 E. Florence Avenue, Fresno, CA
Page 1 of 1

Sample Location:			S-1	S-1 Dup	S-1	S-2	S-2	S-3	S-3	
Sample ID:	Final ESLs*	RSLs**	S-1 @ 0.5'	S-1 @ 0.5'	S-1 @ 2.5'	S-2 @ 0.5'	S-2 @ 2.5'	S-3 @ 0.5'	S-3 @ 2.5'	
Sample Date:			Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	
Sample Depth:			0.5'	0.5'	2.5'	0.5'	2.5'	0.5'	2.5'	
Method ID:			USEPA 8260B	USEPA 8260B	USEPA 8260B	USEPA 8260B	USEPA 8260B	USEPA 8260B	USEPA 8260B	
ANALYTE	Units									
1,1,1,2-Tetrachloroethane	ug/kg	9.1	2000	ND	ND	N/A	ND	N/A	ND	N/A
1,1,1-Trichloroethane	ug/kg	7800	8100000	ND	ND	N/A	ND	N/A	ND	N/A
1,1,2,2-Tetrachloroethane	ug/kg	18	600	ND	ND	N/A	ND	N/A	ND	N/A
1,1,2-Trichloroethane	ug/kg	70	1100	ND	ND	N/A	ND	N/A	ND	N/A
1,1-Dichloroethane	ug/kg	200	3600	ND	ND	N/A	ND	N/A	ND	N/A
1,1-Dichloroethene	ug/kg	1000	230000	ND	ND	N/A	ND	N/A	ND	N/A
1,2-Dichlorobenzene	ug/kg	1100	1800000	ND	ND	N/A	ND	N/A	ND	N/A
1,2-Dichloroethane	ug/kg	4.5	460	ND	ND	N/A	ND	N/A	ND	N/A
1,2-Dichloropropane	ug/kg	120	1000	ND	ND	N/A	ND	N/A	ND	N/A
1,3-Dichlorobenzene	ug/kg	7400	##	ND	ND	N/A	ND	N/A	ND	N/A
1,4-Dichlorobenzene	ug/kg	590	2600	ND	ND	N/A	ND	N/A	ND	N/A
Benzene	ug/kg	44	1200	0.67 J	0.80 J	N/A	0.80 J	N/A	ND	N/A
Bromobenzene	ug/kg	#	290000	ND	ND	N/A	ND	N/A	ND	N/A
Bromodichloromethane	ug/kg	480	290	ND	ND	N/A	ND	N/A	ND	N/A
Bromoform	ug/kg	1700	67000	ND	ND	N/A	ND	N/A	ND	N/A
Bromomethane	ug/kg	280	6800	ND	ND	N/A	ND	N/A	ND	N/A
Carbon Tetrachloride	ug/kg	110	650	ND	ND	N/A	ND	N/A	ND	N/A
Chlorobenzene	ug/kg	1500	280000	ND	ND	N/A	ND	N/A	ND	N/A
Chloroethane	ug/kg	1100	##	ND	ND	N/A	ND	N/A	ND	N/A
Chloroform	ug/kg	1100	320	ND	ND	N/A	ND	N/A	ND	N/A
Chloromethane	ug/kg	20000	110000	ND	ND	N/A	ND	N/A	ND	N/A
Cis-1,2-Dichloroethene	ug/kg	190	160000	ND	ND	N/A	ND	N/A	ND	N/A
Cis-1,3-Dichloropropene	ug/kg	#	##	ND	ND	N/A	ND	N/A	ND	N/A
Dibromochloromethane	ug/kg	6600	730	ND	ND	N/A	ND	N/A	ND	N/A
Dibromomethane	ug/kg	#	23000	ND	ND	N/A	ND	N/A	ND	N/A
Dichlorodifluoromethane	ug/kg	#	87000	ND	ND	N/A	ND	N/A	ND	N/A
Ethylbenzene	ug/kg	3300	5800	ND	ND	N/A	ND	N/A	ND	N/A
Freon 113	ug/kg	#	40000000	ND	ND	N/A	ND	N/A	ND	N/A
Methylene Chloride	ug/kg	77	57000	ND	ND	N/A	ND	N/A	ND	N/A
MTBE	ug/kg	23	47000	ND	ND	N/A	ND	N/A	ND	N/A
Tetrachloroethene	ug/kg	550	24000	ND	ND	N/A	ND	N/A	ND	N/A
Toluene	ug/kg	2900	4900000	ND	ND	N/A	1.3 J	N/A	ND	N/A
Trans-1,2-Dichloroethene	ug/kg	670	1600000	ND	ND	N/A	ND	N/A	ND	N/A
Trans-1,3-Dichloropropene	ug/kg	#	##	ND	ND	N/A	ND	N/A	ND	N/A
Trichloroethene	ug/kg	460	940	ND	ND	N/A	ND	N/A	ND	N/A
Trichlorofluoromethane	ug/kg	#	730000	ND	ND	N/A	ND	N/A	ND	N/A
Vinyl Chloride	ug/kg	32	59	ND	ND	N/A	ND	N/A	ND	N/A
Xylenes	ug/kg	2300	580000	ND	ND	N/A	ND	N/A	ND	N/A

NOTES:

Detected concentrations are printed in **boldface type**.

See the appended laboratory report(s) for a list of all analytes and associated method detection limits, which range from 250 to 120,000 ug/kg.

USEPA = U.S. Environmental Protection Agency

ND = not detected

< # = analyte was not detected at or above the laboratory reporting limit (#)

ug/kg = micrograms per kilogram

SVOCs = semi-volatile organic compounds

J = estimated value between the method detection limit and the practical quantitation limit

* = SF Bay - RWQCB, Interim Final - December 2013, Table A-1, Shallow Soil Screening Levels (<3m bgs), Residential Land Use (where ground water is a current or potential source of drinking water)

** = USEPA Region IX Regional Screening Levels (RSLs) January 2015

= No ESL for Analyte

= No RSL for Analyte

N/A = Not Analyzed

TABLE 4
SOIL ANALYTICAL RESULTS POLYNUCLEAR AROMATIC HYDROCARBONS
Phase II ESA 46 E. Florence Avenue, Fresno, CA
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Sample Location:	Sample ID:	Final ESLs*	RSLs**	S-1	S-1 Dup	S-1	S-2	S-2	S-3	S-3
				S-1 @ 0.5'	S-1 @ 0.5'	S-1 @ 2.5'	S-2 @ 0.5'	S-2 @ 2.5'	S-3 @ 0.5'	S-3 @ 2.5'
Sample Date:	Sample Date:			Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14
Sample Depth:	Sample Depth:			0.5'	0.5'	2.5'	0.5'	2.5'	0.5'	2.5'
Method ID:	Method ID:			USEPA 8270-SIM	USEPA 8270-SIM	USEPA 8270-SIM	USEPA 8270-SIM	USEPA 8270-SIM	USEPA 8270-SIM	USEPA 8270-SIM
ANALYTE	Units									
2-Methylnaphthalene	ug/kg	250	230000	ND	1.2 J	ND	8.3	ND	8.6	ND
Acenaphthene	ug/kg	16000	3500000	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ug/kg	13000	##	ND	ND	ND	ND	ND	ND	ND
Anthracene	ug/kg	2800	17000000	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ug/kg	380	150	4.4 J	4.3 J	ND	4.3 J	ND	3.1 J	ND
Benzo (a) Pyrene	ug/kg	38	15	8.5	7.3	ND	5.6	ND	2.8 J	ND
Benzo (b) Fluoranthene	ug/kg	380	150	19	18	ND	16	ND	7.4	ND
Benzo (g,h,i) Perylene	ug/kg	27000	##	14	14	ND	8.4	ND	3.7 J	ND
Benzo (k) Fluoranthene	ug/kg	380	1500	19	18	ND	16	ND	7.5	ND
Chrysene	ug/kg	3800	15000	11	9.9	ND	11	ND	5.2	ND
Dibenzo (a,h) anthracene	ug/kg	110	15	2.4 J	2.6 J	ND	1.9 J	ND	ND	ND
Fluoranthene	ug/kg	40000	2300000	14	11	ND	11	ND	7.0	ND
Fluorene	ug/kg	8900	2300000	ND	ND	ND	ND	ND	ND	ND
Indeno (1,2,3-c,d) Pyrene	ug/kg	380	150	8.3	7.3	ND	5.9	ND	2.6 J	ND
Naphthalene	ug/kg	1200	3800	ND	1.1 J	ND	8.0	ND	5.7	ND
Phenanthrene	ug/kg	11000	##	5.2	3.4 J	ND	7.2	ND	6.0	ND
Pyrene	ug/kg	85000	1700000	14	12	ND	11	ND	6.6	ND

NOTES:

Detected concentrations are printed in **boldface type**.

USEPA = U.S. Environmental Protection Agency

ug/kg = micrograms per kilogram

< # = analyte was not detected at or above the laboratory reporting limit (#)

SIM = selective ion mode

J = estimated value between the method detection limit and the practical quantitation limit

* = SF Bay - RWQCB, Interim Final - Decemeber 2013, Table A-1, Shallow Soil Screening Levels (<3m bgs), Residential Land Use (where ground water is a current or potential source of drinking water)

** = USEPA Region IX Regional Screening Levels (RSLs) January 2015

= No ESL for Analyte

= No RSL for Analyte

TABLE 5
SOIL ANALYTICAL RESULTS ORGANOCHLORINE PESTICIDES
Phase II ESA 46 E. Florence Avenue, Fresno, CA
Page 1 of 5

Sample Location:		Final ESLs*	RSLs**	S-1	S-1 Dup	S-1	S-2	S-2	S-3	S-3	S-4
Sample ID:	S-1 @ 0.5'			S-1 @ 0.5'	S-1 @ 2.5'	S-2 @ 0.5'	S-2 @ 2.5'	S-3 @ 0.5'	S-3 @ 2.5'	S-4 @ 0.5'	
Sample Date:	Aug-14			Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	
Sample Depth:	0.5'			0.5'	2.5'	0.5'	2.5'	0.5'	2.5'	0.5'	
Method ID:	Units			USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A
4,4'-DDE	ug/kg	1700	1600	3.4 J	3.2 J	ND	18 J	ND	ND	ND	26 J
4,4'-DDT	ug/kg	1700	1900	ND	ND	ND	8.2 J	ND	ND	ND	15 J
4,4'-DDD	ug/kg	2400	2200	ND	ND	ND	ND	ND	ND	ND	ND
a-BHC	ug/kg	#	85	ND	ND	ND	ND	ND	ND	ND	ND
a-Chlordane	ug/kg	440	1800	ND	ND	ND	ND	ND	ND	ND	9.5 J
Aldrin	ug/kg	32	31	ND	ND	ND	ND	ND	ND	ND	ND
b-BHC	ug/kg	#	300	ND	ND	ND	ND	ND	ND	ND	ND
d-BHC	ug/kg	#	##	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	ug/kg	2.3	33	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	ug/kg	4.6	370000	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	ug/kg	4.6	370000	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	ug/kg	#	##	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	ug/kg	0.65	18000	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ug/kg	#	##	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	ug/kg	#	##	ND	ND	ND	ND	ND	ND	ND	ND
g-BHC	ug/kg	#	560	ND	ND	ND	ND	ND	ND	ND	ND
g-Chlordane	ug/kg	440	1800	ND	ND	ND	3.5 J	ND	ND	ND	12 J
Heptachlor	ug/kg	13	120	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ug/kg	14	59	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	ug/kg	19000	310000	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	ug/kg	0.42	480	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

Detected concentrations are printed in **boldface type**.

USEPA = U.S. Environmental Protection Agency

J = analyte concentration is an estimated value between the method detection limit and the practical quantitation limit

ug/kg = micrograms per kilogram

< # = analyte was not detected at or above the laboratory reporting limit (#)

Lead was analyzed by USEPA method 6010B. Organochlorine pesticides were analyzed by USEPA method 8081A.

* = SF Bay - RWQCB, Interim Final - Decemeber 2013, Table A-1, Shallow Soil Screening Levels (<3m bgs), Residential Land Use (where ground water is a current or potential source of drinking water)

** = USEPA Region IX Regional Screening Levels (RSLs) January 2015

= No ESL for Analyte

= No RSL for Analyte

TABLE 5
SOIL ANALYTICAL RESULTS ORGANOCHLORINE PESTICIDES
Phase II ESA 46 E. Florence Avenue, Fresno, CA
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Sample Location:		S-4	S-5	S-5	S-6	S-6	S-7	S-7	S-8	S-8 Dup
Sample ID:		S-4 @ 2.5'	S-5 @ 0.5'	S-5 @ 2.5'	S-6 @ 0.5'	S-6 @ 2.5'	S-7 @ 0.5'	S-7 @ 2.5'	S-8 @ 0.5'	S-8 @ 0.5'
Sample Date:		Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14
Sample Depth:		2.5'	0.5'	2.5'	0.5'	0.5'	2.5'	0.5'	2.5'	0.5'
Method ID:		USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A
ANALYTE	Units									
4,4'-DDE	ug/kg	ND	2.7 J	ND	58	50	72	13 J	120	130
4,4'-DDT	ug/kg	ND	ND	ND	23 J	15 J	40 J	4.4 J	45 J	47 J
4,4'-DDD	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
a-BHC	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
a-Chlordane	ug/kg	ND	ND	ND	ND	ND	5.2 J	ND	57	59
Aldrin	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
b-BHC	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
d-BHC	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	400
Endrin	ug/kg	ND	ND	ND	ND	49 J	6.1 J	ND	ND	ND
Endrin aldehyde	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
g-BHC	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
g-Chlordane	ug/kg	ND	ND	ND	ND	ND	9.3 J	ND	75	73
Heptachlor	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	ug/kg	ND	ND	ND	1.6 J	ND	ND	ND	ND	ND
Toxaphene	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 5
SOIL ANALYTICAL RESULTS ORGANOCHLORINE PESTICIDES
Phase II ESA 46 E. Florence Avenue, Fresno, CA
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Sample Location:		S-8	S-9	S-9	S-10	S-10	S-11	S-11 Dup	S-11	S-12
Sample ID:		S-8 @ 2.5'	S-9 @ 0.5'	S-9 @ 2.5'	S-10 @ 0.5'	S-10 @ 2.5'	S-11 @ 0.5'	S-11 @ 0.5'	S-11 @ 2.5'	S-12 @ 0.5'
Sample Date:		Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14
Sample Depth:		0.5'	2.5'	0.5'	2.5'	0.5'	2.5'	2.5'	0.5'	0.5'
Method ID:		USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A
ANALYTE	Units									
4,4'-DDE	ug/kg	ND	6.3J	74	45 J	ND	4.8 J	4.7 J	ND	47 J
4,4'-DDT	ug/kg	ND	ND	21 J	14 J	ND	4.5 J	4.1 J	ND	14 J
4,4'-DDD	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
a-BHC	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
a-Chlordane	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
b-BHC	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
d-BHC	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	ug/kg	ND	ND	ND	4.2 J	ND	ND	ND	ND	3.1
Endrin aldehyde	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
g-BHC	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
g-Chlordane	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 5
SOIL ANALYTICAL RESULTS ORGANOCHLORINE PESTICIDES
Phase II ESA 46 E. Florence Avenue, Fresno, CA
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Sample Location:		S-12	S-13	S-13	S-14	S-14 Dup	S-14	S-15	S-15	S-16
Sample ID:		S-12 @ 2.5'	S-13 @ 0.5'	S-13 @ 2.5'	S-14 @ 0.5'	S-14 @ 0.5'	S-14 @ 2.5'	S-15 @ 0.5'	S-15 @ 2.5'	S-16 @ 0.5'
Sample Date:		Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14
Sample Depth:		2.5'	0.5'	2.5'	0.5'	0.5'	2.5'	0.5'	2.5'	0.5'
Method ID:		USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A
ANALYTE	Units									
4,4'-DDE	ug/kg	ND	12 J	ND	130	86	160	370	ND	94
4,4'-DDT	ug/kg	ND	5.7 J	ND	46 J	29 J	67	84.0	ND	36 J
4,4'-DDD	ug/kg	ND	ND	ND	ND	ND	3.5 J	ND	ND	ND
a-BHC	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
a-Chlordane	ug/kg	ND	ND	ND	7.3 J	4.9 J	ND	17 J	ND	3.5 J
Aldrin	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
b-BHC	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
d-BHC	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	ug/kg	ND	ND	ND	10.0 J	6.3 J	ND	39 J	ND	6.3 J
Endrin aldehyde	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
g-BHC	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
g-Chlordane	ug/kg	ND	ND	ND	8.5 J	6.7 J	ND	26 J	ND	4.9 J
Heptachlor	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 5
SOIL ANALYTICAL RESULTS ORGANOCHLORINE PESTICIDES
Phase II ESA 46 E. Florence Avenue, Fresno, CA
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Sample Location:		S-16	S-17	S-17 Dup	S-17	S-18	S-18
Sample ID:		S-16 @ 2.5'	S-17 @ 0.5'	S-17 @ 0.5'	S-17 @ 2.5'	S-18 @ 0.5'	S-18 @ 2.5'
Sample Date:		Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14
Sample Depth:		2.5'	0.5'	0.5'	0.5'	2.5'	0.5'
Method ID:		USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A	USEPA 8081A
ANALYTE	Units						
4,4'-DDE	ug/kg	21 J	23 J	21 J	10 J	11 J	ND
4,4'-DDT	ug/kg	35 J	8.4 J	6.1 J	3.2 J	7.5 J	ND
4,4'-DDD	ug/kg	6.4 J	ND	ND	ND	ND	ND
a-BHC	ug/kg	ND	ND	ND	ND	ND	ND
a-Chlordane	ug/kg	ND	ND	ND	ND	ND	ND
Aldrin	ug/kg	ND	ND	ND	ND	ND	ND
b-BHC	ug/kg	ND	ND	ND	ND	ND	ND
d-BHC	ug/kg	ND	ND	ND	ND	ND	ND
Dieldrin	ug/kg	ND	ND	ND	ND	ND	ND
Endosulfan I	ug/kg	ND	ND	ND	ND	ND	ND
Endosulfan II	ug/kg	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	ug/kg	ND	ND	ND	ND	ND	ND
Endrin	ug/kg	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ug/kg	ND	ND	ND	ND	ND	ND
Endrin ketone	ug/kg	ND	ND	ND	ND	ND	ND
g-BHC	ug/kg	ND	ND	ND	ND	ND	ND
g-Chlordane	ug/kg	ND	ND	ND	ND	ND	ND
Heptachlor	ug/kg	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ug/kg	ND	ND	ND	ND	ND	ND
Methoxychlor	ug/kg	ND	ND	ND	ND	ND	ND
Toxaphene	ug/kg	ND	ND	ND	ND	ND	ND

TABLE 6
SOIL ANALYTICAL RESULTS CHLORINATED HERBICIDES
Phase II ESA 46 E. Florence Avenue, Fresno, CA
Page 1 of 4

Sample Location:		S-1	S-1 Dup	S-1	S-2	S-2	S-3	S-3	S-4	S-4	S-5	S-5
Sample ID:		S-1 @ 0.5'	S-1 @ 0.5'	S-1 @ 2.5'	S-2 @ 0.5'	S-2 @ 2.5'	S-3 @ 0.5'	S-3 @ 2.5'	S-4 @ 0.5'	S-4 @ 2.5'	S-5 @ 0.5'	S-5 @ 2.5'
Sample Date:		Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14
Sample Depth:		0.5'	0.5'	2.5'	0.5'	2.5'	0.5'	2.5'	0.5'	2.5'	0.5'	2.5'
Method ID:		USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151
ANALYTE	Units											
2,4,5-T	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A
2,4,5-Tp (Silvex)	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A
2,4-D	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A
2,4-DB	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A
Dalapon	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A
Dicamba	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A
Dichlorprop (2,4-DP)	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A
Dinoseb (DNBP)	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A
MCPA	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A
MCPP	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	N/A	ND	N/A

NOTES:

Detected concentrations are printed in **boldface type**.

USEPA = U.S. Environmental Protection Agency

ug/kg = micrograms per kilogram

< # = analyte was not detected at or above the laboratory reporting limit (#)

TABLE 6
SOIL ANALYTICAL RESULTS CHLORINATED HERBICIDES
Phase II ESA 46 E. Florence Avenue, Fresno, CA
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Sample Location:		S-6	S-6	S-7	S-7	S-8	S-8 Dup	S-8	S-9	S-9	S-10	S-10
Sample ID:		S-6 @ 0.5'	S-6 @ 2.5'	S-7 @ 0.5'	S-7 @ 2.5'	S-8 @ 0.5'	S-8 @ 0.5'	S-8 @ 2.5'	S-9 @ 0.5'	S-9 @ 2.5'	S-10 @ 0.5'	S-10 @ 2.5'
Sample Date:		Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14
Sample Depth:		0.5'	2.5'	0.5'	2.5'	0.5'	0.5'	2.5'	0.5'	2.5'	0.5'	2.5'
Method ID:		USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151
ANALYTE	Units											
2,4,5-T	µg/kg	ND	N/A	ND	N/A	ND	ND	N/A	ND	N/A	ND	N/A
2,4,5-Tp (Silvex)	µg/kg	ND	N/A	ND	N/A	ND	ND	N/A	ND	N/A	ND	N/A
2,4-D	µg/kg	ND	N/A	ND	N/A	ND	ND	N/A	ND	N/A	ND	N/A
2,4-DB	µg/kg	ND	N/A	ND	N/A	ND	ND	N/A	ND	N/A	ND	N/A
Dalapon	µg/kg	ND	N/A	ND	N/A	ND	ND	N/A	ND	N/A	ND	N/A
Dicamba	µg/kg	ND	N/A	ND	N/A	ND	ND	N/A	ND	N/A	ND	N/A
Dichlorprop (2,4-DP)	µg/kg	ND	N/A	ND	N/A	ND	ND	N/A	ND	N/A	ND	N/A
Dinoseb (DNBP)	µg/kg	ND	N/A	ND	N/A	ND	ND	N/A	ND	N/A	ND	N/A
MCPA	µg/kg	ND	N/A	ND	N/A	ND	ND	N/A	ND	N/A	ND	N/A
MCPP	µg/kg	ND	N/A	ND	N/A	ND	ND	N/A	ND	N/A	ND	N/A

TABLE 6
SOIL ANALYTICAL RESULTS CHLORINATED HERBICIDES
Phase II ESA 46 E. Florence Avenue, Fresno, CA
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Sample Location:		S-11	S-11 Dup	S-11	S-12	S-12	S-13	S-13	S-14	S-14 Dup	S-14	S-15
Sample ID:		S-11 @ 0.5'	S-11 @ 0.5'	S-11 @ 2.5'	S-12 @ 0.5'	S-12 @ 2.5'	S-13 @ 0.5'	S-13 @ 2.5'	S-14 @ 0.5'	S-14 @ 0.5'	S-14 @ 2.5'	S-15 @ 0.5'
Sample Date:		Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14
Sample Depth:		0.5'	0.5'	2.5'	0.5'	2.5'	0.5'	2.5'	0.5'	0.5'	2.5'	0.5'
Method ID:		USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151
ANALYTE	Units											
2,4,5-T	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	ND	N/A	ND
2,4,5-Tp (Silvex)	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	ND	N/A	ND
2,4-D	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	ND	N/A	ND
2,4-DB	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	ND	N/A	ND
Dalapon	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	ND	N/A	ND
Dicamba	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	ND	N/A	ND
Dichlorprop (2,4-DP)	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	ND	N/A	ND
Dinoseb (DNBP)	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	ND	N/A	ND
MCPA	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	ND	N/A	ND
MCPP	µg/kg	ND	ND	N/A	ND	N/A	ND	N/A	ND	ND	N/A	ND

TABLE 6
SOIL ANALYTICAL RESULTS CHLORINATED HERBICIDES
Phase II ESA 46 E. Florence Avenue, Fresno, CA
Page 4 of 4

Sample Location:		S-15	S-16	S-16	S-17	S-17 Dup	S-17	S-18	S-18
	Sample ID:	S-15 @ 2.5'	S-16 @ 0.5'	S-16 @ 2.5'	S-17 @ 0.5'	S-17 @ 0.5'	S-17 @ 2.5'	S-18 @ 0.5'	S-18 @ 2.5'
	Sample Date:	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14
	Sample Depth:	2.5'	0.5'	2.5'	0.5'	0.5'	2.5'	0.5'	2.5'
	Method ID:	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151	USEPA 8151
ANALYTE	Units								
2,4,5-T	µg/kg	N/A	ND	N/A	ND	ND	N/A	ND	N/A
2,4,5-Tp (Silvex)	µg/kg	N/A	ND	N/A	ND	ND	N/A	ND	N/A
2,4-D	µg/kg	N/A	ND	N/A	ND	ND	N/A	ND	N/A
2,4-DB	µg/kg	N/A	ND	N/A	ND	ND	N/A	ND	N/A
Dalapon	µg/kg	N/A	ND	N/A	ND	ND	N/A	ND	N/A
Dicamba	µg/kg	N/A	ND	N/A	ND	ND	N/A	ND	N/A
Dichlorprop (2,4-DP)	µg/kg	N/A	ND	N/A	ND	ND	N/A	ND	N/A
Dinoseb (DNBP)	µg/kg	N/A	ND	N/A	ND	ND	N/A	ND	N/A
MCPA	µg/kg	N/A	ND	N/A	ND	ND	N/A	ND	N/A
MCPP	µg/kg	N/A	ND	N/A	ND	ND	N/A	ND	N/A

TABLE 7
SOIL ANALYTICAL RESULTS PETROLEUM HYDROCARBONS
Phase II ESA 46 E. Florence Avenue, Fresno, CA
Page 1 of 1

Sample Location:		Final ESLs*	RSLs**	S-1	S-1 Dup	S-1	S-2	S-2	S-3	S-3
Sample ID:	S-1 @ 0.5'			S-1 @ 0.5'	S-1 @ 2.5'	S-2 @ 0.5'	S-2 @ 2.5'	S-3 @ 0.5'	S-3 @ 2.5'	
Sample Date:	Aug-14			Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	
Sample Depth:	0.5'			2.5'	2.5'	0.5'	2.5'	0.5'	2.5'	
Method ID:	USEPA 8015M/8260B	USEPA 8015M/8260B	USEPA 8015M/8260B	USEPA 8015M/8260B	USEPA 8015M/8260B	USEPA 8015M/8260B	USEPA 8015M/8260B	USEPA 8015M/8260B	USEPA 8015M/8260B	
ANALYTE	Units									
TPHg (C4-C12)	mg/kg	100	82	ND	ND	N/A	ND	N/A	ND	N/A
TPHd (C13-C22)	mg/kg	100	96	28000 ++	19000 ++	ND	6700 ++	ND	4700 ++	ND
TPHo (C23-C40)	mg/kg	100	2500	72,000	52,000	ND	13,000	ND	8500 J	ND

NOTES:

Detected concentrations are printed in **boldface type**.

USEPA = U.S. Environmental Protection Agency

mg/kg = milligrams per kilogram

TPHg = total petroleum hydrocarbons as gasoline (C₄-C₁₂)

TPHd = total petroleum hydrocarbons as diesel (C₁₃-C₂₂)

TPHo = total petroleum hydrocarbons as oil (C₂₃-C₄₀)

< # = analyte was not detected at or above the laboratory reporting limit (#)

J = estimated value between the method detection limit and the practical quantitation limit

++ = The analyst has noted that The chromatogram of this sample is mainly higher boiling hydrocarbons.

ND = Not Detected

NA = Not Analyzed

* = SF Bay - RWQCB, Interim Final - Decemeber 2013, Table A-1, Shallow Soil Screening Levels (<3m bgs), Residential Land Use (where ground water is a current or potential source of drinking water)

** = USEPA Regional Screening Levels (RSLs) January 2015

= No ESL for Analyte

= No RSL for Analyte

TABLE 8
SOIL ANALYTICAL RESULTS TITLE 22 METALS
Phase II ESA 46 E. Florence Avenue, Fresno, CA
Page 1 of 4

Sample Location:		Final ESLs*	RSLs**	S-1	S-1 Dup	S-1	S-2	S-2	S-3	S-3	S-4	S-4
Sample ID:	S-1 @ 0.5'			S-1 @ 0.5' Dup	S-1 @ 2.5'	S-2 @ 0.5'	S-2 @ 2.5'	S-3 @ 0.5'	S-3 @ 2.5'	S-4 @ 0.5'	S-4 @ 2.5'	
Sample Date:	Aug-14			Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	
Sample Depth:	0.5'			0.5'	2.5'	0.5'	2.5'	0.5'	2.5'	0.5'	2.5'	
Method ID:	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	
ANALYTE	Units											
Antimony	mg/kg	20	31	0.57	0.98	N/A	2.1	N/A	0.9	N/A	N/A	N/A
Arsenic	mg/kg	0.39	0.67	2.0	2.3	N/A	1.6	N/A	1.5	N/A	N/A	N/A
Barium	mg/kg	750	15000	93.2	100	N/A	105	N/A	83.8	N/A	N/A	N/A
Beryllium	mg/kg	4.0	160	0.10 J	0.096 J	N/A	0.11 J	N/A	0.099 J	N/A	N/A	N/A
Cadmium	mg/kg	12	70	0.23 J	0.23 J	N/A	0.34 J	N/A	0.22 J	N/A	N/A	N/A
Chromium	mg/kg	1000	##	16.9	16.0	N/A	19.7	N/A	18.7	N/A	N/A	N/A
Cobalt	mg/kg	23	23	2.8	2.7	N/A	3.9	N/A	3.1	N/A	N/A	N/A
Copper	mg/kg	230	3100	14.1	7.5	N/A	51.5	N/A	14.6	N/A	N/A	N/A
Lead	mg/kg	80	400	152	211	14.2	66.1	3.1	41.6	2.2	184	4.7
Mercury	mg/kg	6.7	9.4	ND	ND	N/A	0.027 J	N/A	ND	N/A	N/A	N/A
Molybdenum	mg/kg	40	390	0.19 J	0.14 J	N/A	0.36 J	N/A	0.54	N/A	N/A	N/A
Nickel	mg/kg	150	##	9.8	9.3	N/A	13.6	N/A	10.5	N/A	N/A	N/A
Selenium	mg/kg	10	390	0.52	0.66	N/A	0.6	N/A	0.70	N/A	N/A	N/A
Silver	mg/kg	20	390	ND	ND	N/A	ND	N/A	ND	N/A	N/A	N/A
Thallium	mg/kg	0.78	##	ND	ND	N/A	ND	N/A	ND	N/A	N/A	N/A
Vanadium	mg/kg	200	390	21.5	19.6	N/A	21.5	N/A	22.5	N/A	N/A	N/A
Zinc	mg/kg	600	23000	114	128	N/A	228	N/A	239	N/A	N/A	N/A

NOTES:

Detected concentrations are printed in **boldface type**.

A blank entry indicates the sample was not analyzed for that chemical.

USEPA = U.S. Environmental Protection Agency

mg/kg = milligrams per kilogram

< # = analyte was not detected at or above the laboratory reporting limit (#)

ND = Not Detected

N/A = Not Analyzed

J = estimated value between the method detection limit and the practical quantitation limit

* = SF Bay - RWQCB, Interim Final - Decemeber 2013, Table A-1, Shallow Soil Screening Levels (<3m bgs), Residential Land Use (where ground water is a current or potential source of drinking water)

** = USEPA Regional Screening Levels (RSLs) January 2015

= No ESL for Analyte

= No RSL for Analyte

TABLE 8
SOIL ANALYTICAL RESULTS TITLE 22 METALS
Phase II ESA 46 E. Florence Avenue, Fresno, CA
Page 2 of 4

Sample Location:		S-5	S-5	S-6	S-6	S-7	S-7	S-8	S-8 Dup	S-8	S-9	S-9
Sample ID:	S-5 @ 0.5'	S-5 @ 2.5'	S-5 @ 0.5'	S-5 @ 2.5'	S-7 @ 0.5'	S-7 @ 2.5'	S-8 @ 0.5'	S-8 @ 0.5' Dup	S-8 @ 2.5'	S-9 @ 0.5'	S-9 @ 2.5'	
Sample Date:	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	
Sample Depth:	0.5'	2.5'	0.5'	2.5'	0.5'	2.5'	0.5'	0.5'	2.5'	0.5'	2.5'	
Method ID:	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A
ANALYTE	Units											
Antimony	mg/kg	N/A	N/A	N/A	N/A	1.0	N/A	0.96	0.93	N/A	0.32 J	N/A
Arsenic	mg/kg	N/A	N/A	N/A	N/A	3.0	N/A	4.2	4.9	N/A	0.80	N/A
Barium	mg/kg	N/A	N/A	N/A	N/A	74.4	N/A	84.8	77.4	N/A	33.5	N/A
Beryllium	mg/kg	N/A	N/A	N/A	N/A	0.11 J	N/A	0.11 J	0.12 J	N/A	0.057 J	N/A
Cadmium	mg/kg	N/A	N/A	N/A	N/A	0.54	N/A	0.41 J	0.44 J	N/A	0.11 J	N/A
Chromium	mg/kg	N/A	N/A	N/A	N/A	20.1	N/A	23.1	23.2	N/A	14.1	N/A
Cobalt	mg/kg	N/A	N/A	N/A	N/A	3.0	N/A	3.6	3.7	N/A	2.3	N/A
Copper	mg/kg	N/A	N/A	N/A	N/A	16.7	N/A	14.8	16.5	N/A	6.0	N/A
Lead	mg/kg	33.2	6.8	60.8	9.2	67.5	3.4	48.4	54.8	2.5	19.4	5.4
Mercury	mg/kg	N/A	N/A	N/A	N/A	0.11	N/A	0.020 J	0.021 J	N/A	ND	N/A
Molybdenum	mg/kg	N/A	N/A	N/A	N/A	0.16 J	N/A	0.16 J	0.15 J	N/A	ND	N/A
Nickel	mg/kg	N/A	N/A	N/A	N/A	12.3	N/A	14.7	14.7	N/A	8.7	N/A
Selenium	mg/kg	N/A	N/A	N/A	N/A	0.26 J	N/A	0.75	0.38 J	N/A	0.46 J	N/A
Silver	mg/kg	N/A	N/A	N/A	N/A	ND	N/A	ND	ND	N/A	ND	N/A
Thallium	mg/kg	N/A	N/A	N/A	N/A	ND	N/A	ND	ND	N/A	ND	N/A
Vanadium	mg/kg	N/A	N/A	N/A	N/A	23.2	N/A	26.5	27.6	N/A	18.4	N/A
Zinc	mg/kg	N/A	N/A	N/A	N/A	154	N/A	110	114	N/A	44.9	N/A

TABLE 8
SOIL ANALYTICAL RESULTS TITLE 22 METALS
Phase II ESA 46 E. Florence Avenue, Fresno, CA
Page 3 of 4

Sample Location:		S-10	S-10	S-11	S-11 Dup	S-11	S-12	S-12	S-13	S-13	S-14	S-14 Dup
Sample ID:	S-10 @ 0.5'	S-10 @ 2.5'	S-11 @ 0.5'	S-11 @ 0.5' Dup	S-11 @ 2.5'	S-12 @ 0.5'	S-12 @ 2.5'	S-13 @ 0.5'	S-13 @ 2.5'	S-14 @ 0.5'	S-11 @ 0.5' Dup	
Sample Date:	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	
Sample Depth:	0.5'	2.5'	0.5'	0.5'	2.5'	0.5'	2.5'	0.5'	2.5'	0.5'	0.5'	
Method ID:	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A
ANALYTE	Units											
Antimony	mg/kg	0.43 J	N/A	0.27 J	0.38 J	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Arsenic	mg/kg	1.8	N/A	1.4	1.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Barium	mg/kg	59.2	N/A	41.2	41.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Beryllium	mg/kg	0.078 J	N/A	0.082 J	0.078 J	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cadmium	mg/kg	0.26 J	N/A	0.13 J	0.13 J	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chromium	mg/kg	15.2	N/A	18.2	16.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	2.5	N/A	2.4	2.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Copper	mg/kg	11.5	N/A	8.6	9.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lead	mg/kg	136	2.2	37.0	40.5	2.6	59.2	3.1	45.8	1.7	46.5	47.0
Mercury	mg/kg	ND	N/A	ND	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Molybdenum	mg/kg	0.076 J	N/A	ND	0.16 J	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nickel	mg/kg	9.0	N/A	8.2	8.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Selenium	mg/kg	ND	N/A	ND	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silver	mg/kg	ND	N/A	ND	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Thallium	mg/kg	ND	N/A	ND	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Vanadium	mg/kg	18.9	N/A	19.5	19.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Zinc	mg/kg	81.5	N/A	48.9	47.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A

TABLE 8
SOIL ANALYTICAL RESULTS TITLE 22 METALS
Phase II ESA 46 E. Florence Avenue, Fresno, CA
Page 4 of 4

Sample Location:		S-14	S-15	S-15	S-16	S-16	S-17	S-17 Dup	S-17	S-18	S-18
Sample ID:	S-14 @ 2.5'	S-15 @ 0.5'	S-15 @ 2.5'	S-16 @ 0.5'	S-16 @ 2.5'	S-17 @ 0.5'	S-17 @ 0.5' Dup	S-17 @ 2.5'	S-18 @ 0.5'	S-18 @ 2.5'	
Sample Date:	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	Aug-14	
Sample Depth:	2.5'	0.5'	2.5'	0.5'	2.5'	0.5'	0.5'	2.5'	0.5'	2.5'	
Method ID:	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A	USEPA 6010B/7471A
ANALYTE	Units										
Antimony	mg/kg	N/A	N/A	N/A	0.21 J	N/A	0.33 J	.35 J	N/A	0.36 J	N/A
Arsenic	mg/kg	N/A	N/A	N/A	1.6	N/A	1.3	1.3	N/A	0.92	N/A
Barium	mg/kg	N/A	N/A	N/A	42.3	N/A	51.1	57.8	N/A	28.9	N/A
Beryllium	mg/kg	N/A	N/A	N/A	0.098 J	N/A	0.069 J	0.085 J	N/A	0.057 J	N/A
Cadmium	mg/kg	N/A	N/A	N/A	0.10 J	N/A	0.22 J	0.25 J	N/A	0.096 J	N/A
Chromium	mg/kg	N/A	N/A	N/A	16.6	N/A	12.0	14.8	N/A	10.4	N/A
Cobalt	mg/kg	N/A	N/A	N/A	2.8	N/A	2.0	2.3	N/A	1.6	N/A
Copper	mg/kg	N/A	N/A	N/A	8.2	N/A	7.5	9.3	N/A	5.5	N/A
Lead	mg/kg	8.4	121	3.6	33.4	7.0	47.0	43.4	12.7	27.3	2.2
Mercury	mg/kg	N/A	N/A	N/A	ND	N/A	ND	ND	N/A	ND	N/A
Molybdenum	mg/kg	N/A	N/A	N/A	ND	N/A	ND	ND	N/A	ND	N/A
Nickel	mg/kg	N/A	N/A	N/A	8.7	N/A	7.2	8.5	N/A	6.0	N/A
Selenium	mg/kg	N/A	N/A	N/A	ND	N/A	ND	ND	N/A	ND	N/A
Silver	mg/kg	N/A	N/A	N/A	ND	N/A	ND	ND	N/A	ND	N/A
Thallium	mg/kg	N/A	N/A	N/A	ND	N/A	ND	ND	N/A	ND	N/A
Vanadium	mg/kg	N/A	N/A	N/A	21.5	N/A	17.4	20.4	N/A	15.5	N/A
Zinc	mg/kg	N/A	N/A	N/A	44.4	N/A	70.2	84.5	N/A	32.1	N/A

TABLE 9
ANALYSES ON WATER SAMPLES
Phase II ESA 46 E. Florence Avenue, Fresno, CA,
Page 1 of 1

Sample Name	Sample Type	Title 22 Metals (USEPA 6010B/7471A)	OCPs (USEPA 8081A)	PAHs (USEPA 8270-SIM)	TPHg (USEPA 8015M)	TPHd (USEPA 8015M)	TPHo (USEPA 8015M)
MW-1	Field Equipment Rinsate Blank	1.2 mg/kg J Molybdenum 3.6 mg/kg J Zinc	X	X	X	X	X
MW-2	Field Equipment Rinsate Blank	0.60 mg/kg J Silver	X	X	X	X	X

NOTES:

X = Constituent not detected in equipment rinsate.

J = analyte concentration is an estimated value between the method detection limit and the practical quantitation limit

USEPA = U.S. Environmental Protection Agency

OCPs = organochlorine pesticides

PAHs = polynuclear aromatic hydrocarbons

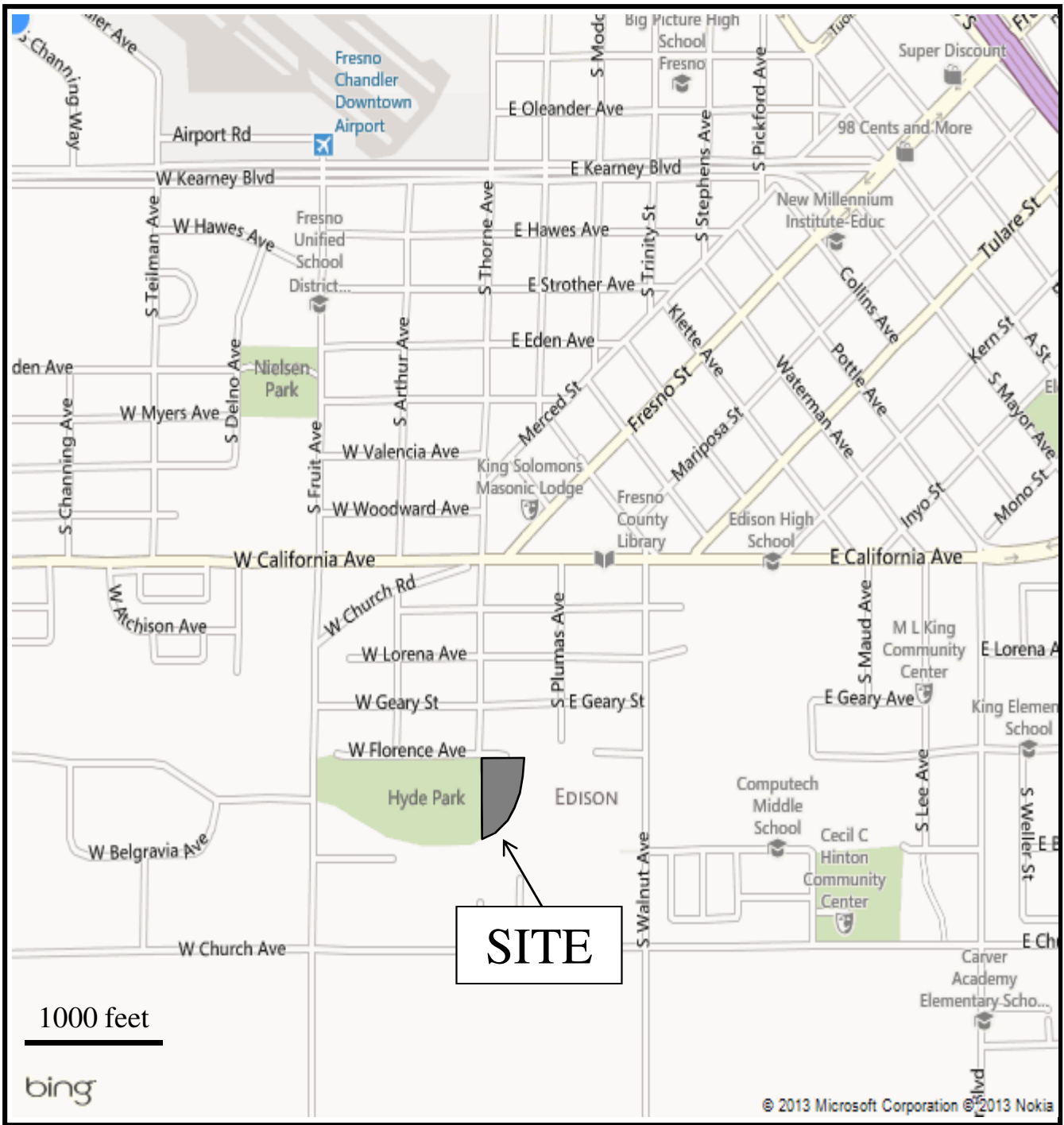
SIM = selective ion mode

TPHg = total petroleum hydrocarbons referenced to gasoline

TPHd = total petroleum hydrocarbons referenced to diesel

TPHo = total petroleum hydrocarbons referenced to oil

FIGURES



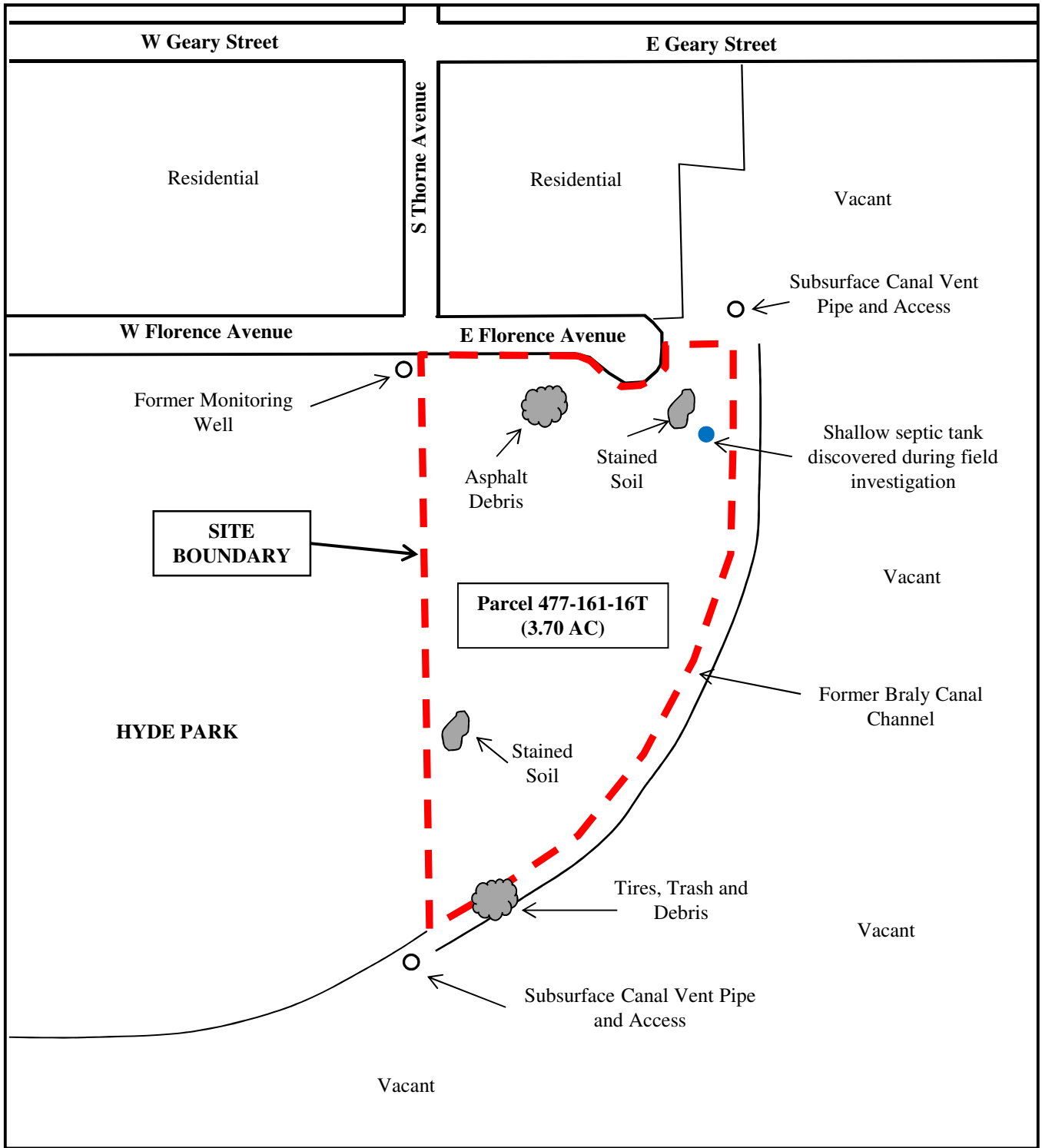
Bing Maps, Inc., September 2013

SITE LOCATION MAP



Phase II Environmental Site Assessment
 Parcel 47716116T
 August 2014
 46 E. Florence Avenue
 18715320
 Fresno, California

FIGURE 1



Not to scale

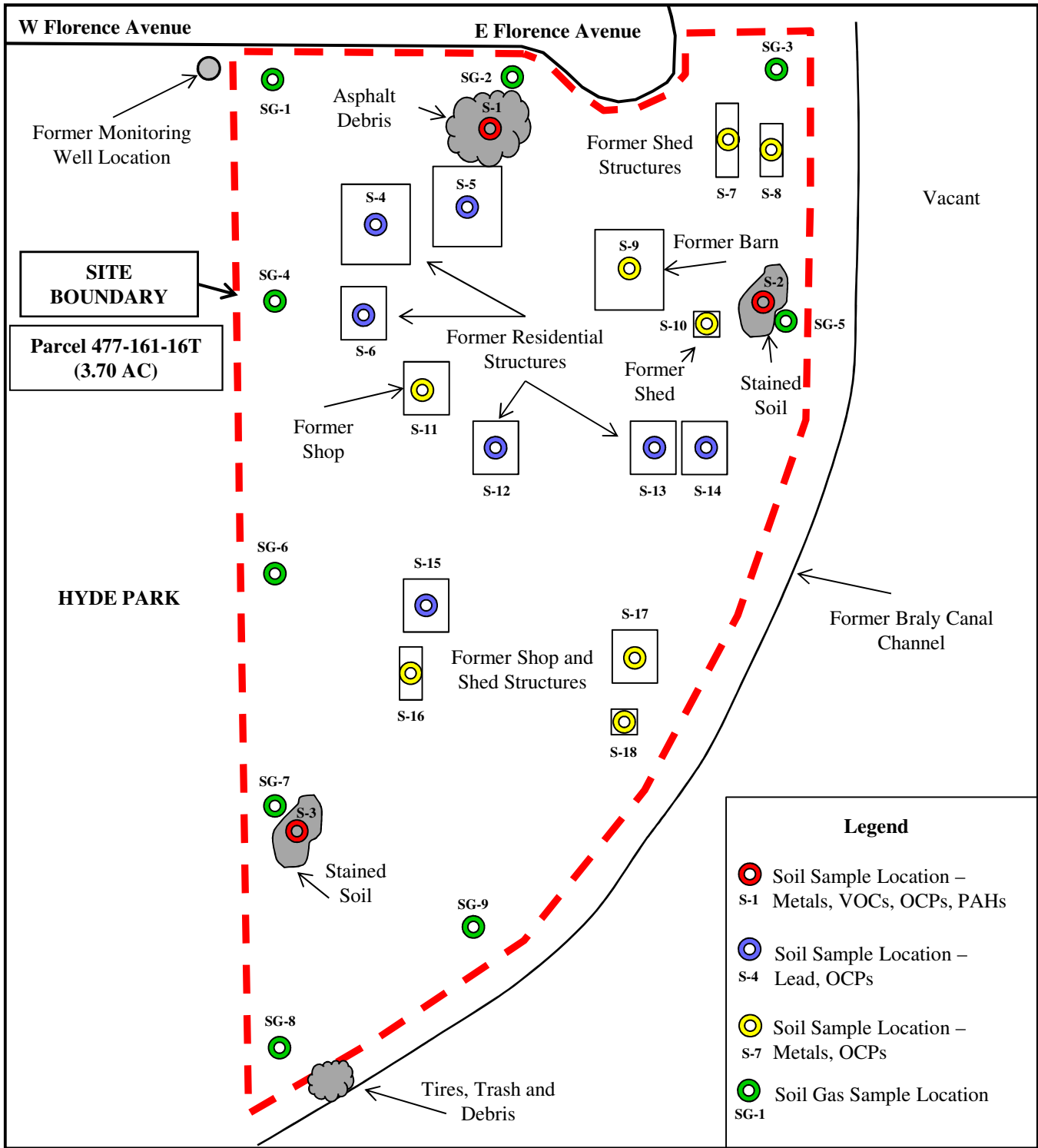


SITE MAP



Phase II Environmental Site Assessment
 Parcel 47716116T
 August 2014
 46 E. Florence Avenue
 18715320
 Fresno, California

FIGURE 2



1 inch = 100 feet



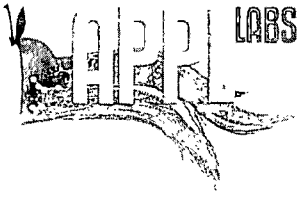
SAMPLING LOCATIONS

Phase II Environmental Site Assessment
 Parcel 47716116T
 August 2014
 46 E. Florence Avenue
 18715320
 Fresno, California



FIGURE 3

APPENDIX A
LABORATORY REPORTS AND CHAINS-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)

September 9, 2014

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

Attn: Frank Gegunde

Subject: Report of Data: Case 73973

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:

Twenty-two samples for project "18715320 Florence" were received August 12, 2014, in good condition. Nine samples were placed on hold and the VOC and TPH-Gas analyses on sample MW-1 were cancelled, as instructed. Written results are being provided on this September 9, 2014, for the requested analyses. All holding times were met.

For the EPA 8015B TPH-Diesel and Motor Oil analysis, the soil samples were extracted according to EPA method 3550B and the water sample was extracted according to EPA method 3510C. The surrogate Octacosane recovered above the 140% upper control limit for one sample, due to the matrix. All other surrogate recoveries were acceptable.

For the EPA 8081A analysis, the soil samples were extracted according to EPA method 3550B and the water sample was extracted according to EPA method 3510C. It was noted that sample S-8-0.5' was received in duplicate. The parent sample does not have Endosulfan sulfate present but in the duplicate it was detected at 400ug/Kg. The chromatograms were overlaid and a copy is included in this report. It clearly shows there is a peak present in the duplicate that is not present in the parent. All other peaks in the chromatogram match very well.

For the EPA 8151A analysis, the samples were extracted according to the method. The surrogate 2,4-DCAA recovered above the 142% upper control limit for one sample. All other surrogate recoveries were acceptable.

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 EPA method 5035 and the water sample was purged according to EPA method 5030B.

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

For the EPA 6010B analysis, the soil samples were digested according to EPA method 3050B and the water sample was digested according to EPA method 3010C.

For the EPA 7470A and 7471B analysis, the soil samples were digested and analyzed according to the methods.

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde
Project: 18715320 Florence

ARF: 73973

Sample ID: S-1-0.5'

APPL ID: AZ00444

Sample Collection Date: 8/12/2014

QCG: #TPHDS-140816A1-189007

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	28000 ++	5000	3230.0	ug/kg	08/16/14	08/20/14
EPA 8015B-	MOTOR OIL	72000	50000	17550.0	ug/kg	08/16/14	08/20/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	141 #	47-140		%	08/16/14	08/20/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	103	58-128		%	08/16/14	08/20/14

= Recovery (or RPD) is outside QC limits.

++(T3M) The analyst has noted that the chromatogram of this sample is mainly higher boiling hydrocarbons.

Quant Method: TPHD707.M
Run #: 818038
Instrument: Apollo
Sequence: 140818
Dilution Factor: 5
Initials: LA

Printed: 8/25/2014 10:20:26 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: 18715320 Florence

ARF: 73973

Sample ID: S-1-0.5' DUP

APPL ID: AZ00445

Sample Collection Date: 8/12/2014

QCG: #TPHDS-140816A1-189007

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	19000 ++	5000	3230.0	ug/kg	08/16/14	08/20/14
EPA 8015B-	MOTOR OIL	52000	50000	17550.0	ug/kg	08/16/14	08/20/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	133	47-140		%	08/16/14	08/20/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	103	58-128		%	08/16/14	08/20/14

++(T3M) The analyst has noted that the chromatogram of this sample is mainly higher boiling hydrocarbons.

Quant Method: TPHD707.M
Run #: 818039
Instrument: Apollo
Sequence: 140818
Dilution Factor: 5
Initials: LA

Printed: 8/25/2014 10:20:26 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: 18715320 Florence

ARF: 73973

Sample ID: S-2-0.5'
Sample Collection Date: 8/12/2014

APPL ID: AZ00447
QCG: #TPHDS-140816A1-189007

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	6700 ++	1000	646.0	ug/kg	08/16/14	08/20/14
EPA 8015B-	MOTOR OIL	13000	10000	3510.0	ug/kg	08/16/14	08/20/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	86.9	47-140		%	08/16/14	08/20/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	82.0	58-128		%	08/16/14	08/20/14

++(T3M) The analyst has noted that the chromatogram of this sample is mainly higher boiling hydrocarbons.

Quant Method: TPHD707.M
Run #: 818040
Instrument: Apollo
Sequence: 140818
Dilution Factor: 1
Initials: LA

Printed: 8/25/2014 10:20:26 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: 18715320 Florence

Sample ID: S-3-0.5'
Sample Collection Date: 8/12/2014

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973

APPL ID: AZ00449

QCG: #TPHDS-140816A1-189007

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	4700 ++	1000	646.0	ug/kg	08/16/14	08/20/14
EPA 8015B-	MOTOR OIL	8500 J	10000	3510.0	ug/kg	08/16/14	08/20/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	81.0	47-140		%	08/16/14	08/20/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	83.4	58-128		%	08/16/14	08/20/14

J = Estimated value.

++(T3M) The analyst has noted that the chromatogram of this sample is mainly higher boiling hydrocarbons.

Quant Method: TPHD707.M
Run #: 818041
Instrument: Apollo
Sequence: 140818
Dilution Factor: 1
Initials: LA

Printed: 8/25/2014 10:20:26 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8015B TPH DIESEL MO

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde
Project: 18715320 Florence

ARF: 73973

Sample ID: MW-1
Sample Collection Date: 8/12/2014

APPL ID: AZ00464
QCG: #TPHO-140814A-188990

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	Not detected	50.0	40.40	ug/L	08/14/14	08/19/14
EPA 8015B-	MOTOR OIL	Not detected	500	106.0	ug/L	08/14/14	08/19/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	63.4	28-142		%	08/14/14	08/19/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	77.0	45-145		%	08/14/14	08/19/14

Quant Method: TPHD707.M
Run #: 818021
Instrument: Apollo
Sequence: 140818
Dilution Factor: 1
Initials: LA

Printed: 8/25/2014 10:20:26 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73973

Sample ID: S-1-0.5'
Sample Collection Date: 8/12/2014

APPL ID: AZ00444

QCG: #8081S-140818B-189581

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	3.4 J	50.0	1.60	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/27/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/27/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/27/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/27/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	89.8	44-147		%	08/18/14	08/27/14
EPA 8081A	SURROGATE: TCMX (S)	88.4	25-147		%	08/18/14	08/27/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822192
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 12:36:43 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73973

Sample ID: S-1-0.5' DUP

APPL ID: AZ00445

Sample Collection Date: 8/12/2014

QCG: #8081S-140818B-189581

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	3.2 J	50.0	1.60	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/27/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/27/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/27/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/27/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	75.6	44-147		%	08/18/14	08/27/14
EPA 8081A	SURROGATE: TCMX (S)	74.1	25-147		%	08/18/14	08/27/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822193
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 12:36:43 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73973

Sample ID: S-2-0.5'
Sample Collection Date: 8/12/2014

APPL ID: AZ00447
QCG: #8081S-140818B-189581

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	18 J	50.0	1.60	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-DDT	8.2 J	50.0	0.40	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/27/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/27/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/27/14
EPA 8081A	G-CHLORDANE	3.5 J	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/27/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	65.5	44-147		%	08/18/14	08/27/14
EPA 8081A	SURROGATE: TCMX (S)	77.2	25-147		%	08/18/14	08/27/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822194
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 12:36:43 PM

APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73973

Sample ID: S-3-0.5'
Sample Collection Date: 8/12/2014

APPL ID: AZ00449

QCG: #8081S-140818B-189581

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	Not detected	50.0	1.60	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/27/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/27/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/27/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/27/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	74.9	44-147		%	08/18/14	08/27/14
EPA 8081A	SURROGATE: TCMX (S)	69.0	25-147		%	08/18/14	08/27/14

Quant Method: OCL0822.M
Run #: 0822195
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 12:36:43 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73973

Sample ID: S-4-0.5'
Sample Collection Date: 8/12/2014

APPL ID: AZ00451
QCG: #8081S-140818B-189581

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	26 J	50.0	1.60	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-DDT	15 J	50.0	0.40	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/27/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	A-CHLORDANE	9.5 J	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/27/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/27/14
EPA 8081A	G-CHLORDANE	12 J	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/27/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	92.2	44-147		%	08/18/14	08/27/14
EPA 8081A	SURROGATE: TCMX (S)	90.2	25-147		%	08/18/14	08/27/14

0

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822196
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 12:36:43 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73973

Sample ID: S-5-0.5'
Sample Collection Date: 8/12/2014

APPL ID: AZ00453
QCG: #8081S-140818B-189581

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	2.7 J	50.0	1.60	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/27/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/27/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/27/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/27/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	86.5	44-147		%	08/18/14	08/27/14
EPA 8081A	SURROGATE: TCMX (S)	81.1	25-147		%	08/18/14	08/27/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822197
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 12:36:44 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-6-0.5'

Sample Collection Date: 8/12/2014

ARF: 73973

APPL ID: AZ00455

QCG: #8081S-140818B-189581

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	58	50.0	1.60	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-DDT	23 J	50.0	0.40	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/27/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/27/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/27/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	METHOXYCHLOR	1.6 J	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/27/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	83.4	44-147		%	08/18/14	08/27/14
EPA 8081A	SURROGATE: TCMX (S)	78.9	25-147		%	08/18/14	08/27/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822198
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 12:36:44 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73973

Sample ID: S-7-0.5'
Sample Collection Date: 8/12/2014

APPL ID: AZ00457
QCG: #8081S-140818B-189581

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	72	50.0	1.60	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-DDT	40 J	50.0	0.40	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/27/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	A-CHLORDANE	5.2 J	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN	6.1 J	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/27/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/27/14
EPA 8081A	G-CHLORDANE	9.3 J	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/27/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	83.9	44-147		%	08/18/14	08/27/14
EPA 8081A	SURROGATE: TCMX (S)	79.2	25-147		%	08/18/14	08/27/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822199
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 12:36:44 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73973

Sample ID: S-8-0.5'
Sample Collection Date: 8/12/2014

APPL ID: AZ00459
QCG: #8081S-140818B-189581

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	120	50.0	1.60	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-DDT	45 J	50.0	0.40	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/27/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	A-CHLORDANE	57	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/27/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/27/14
EPA 8081A	G-CHLORDANE	75	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/27/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	83.6	44-147		%	08/18/14	08/27/14
EPA 8081A	SURROGATE: TCMX (S)	82.2	25-147		%	08/18/14	08/27/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822200
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 12:56:50 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-8-0.5' DUP

Sample Collection Date: 8/12/2014

ARF: 73973

APPL ID: AZ00460

QCG: #8081S-140818B-189581

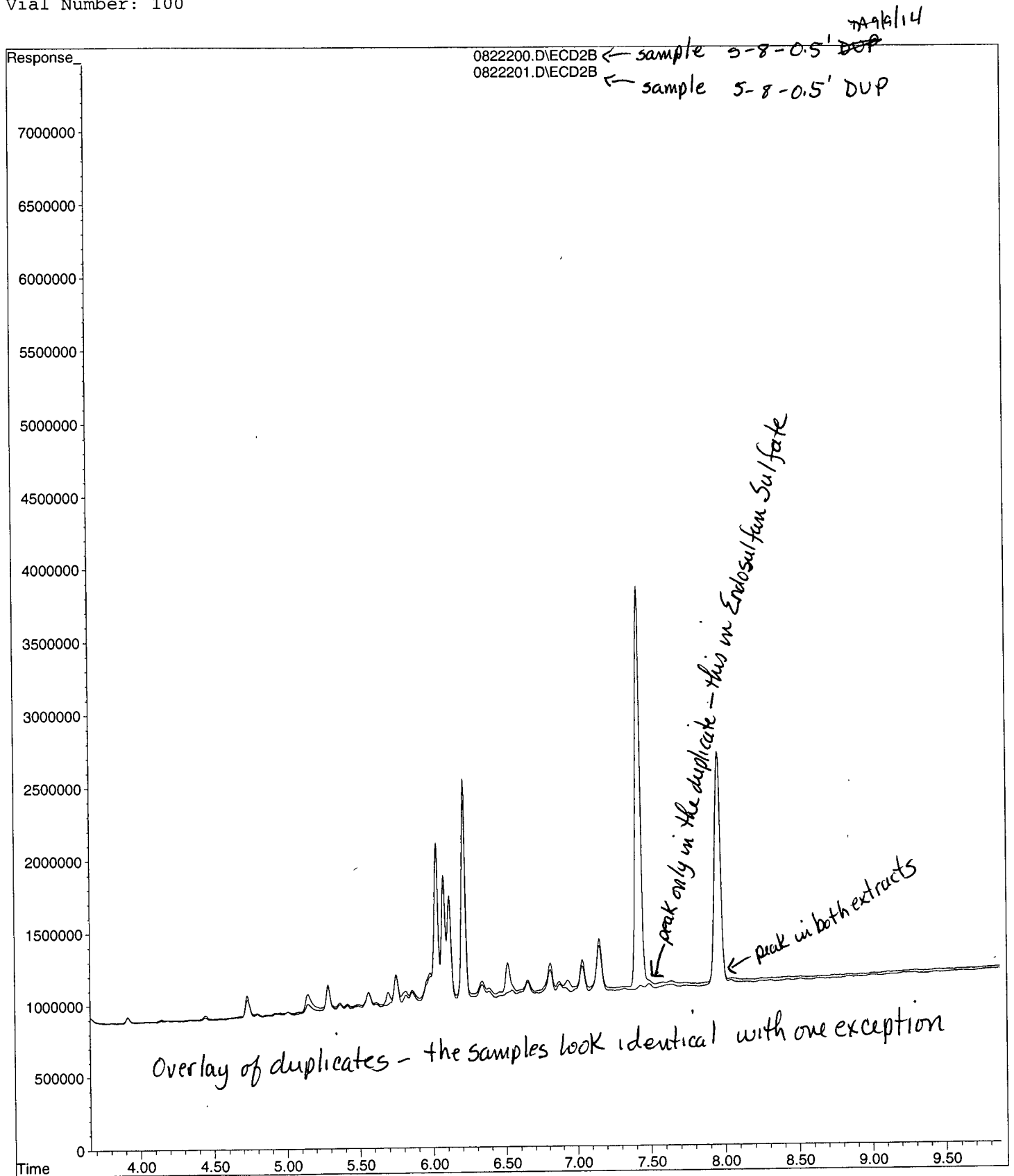
Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	130	50.0	1.60	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-DDT	47 J	50.0	0.40	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/27/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	A-CHLORDANE	59	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN SULFATE	400	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/27/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/27/14
EPA 8081A	G-CHLORDANE	73	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/27/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	79.0	44-147		%	08/18/14	08/27/14
EPA 8081A	SURROGATE: TCMX (S)	77.2	25-147		%	08/18/14	08/27/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822201
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 12:56:50 PM
APPL-F1-SC-NoMC-REG MDLs

File : G:\LUCY\DATA\140822\0822200.D
Operator : MA
Acquired : 8-27-14 13:31:28 using AcqMethod EPA8081N.M
Instrument : Lucy
Sample Name: AZ00459S02 5X1/0.05/30.18Gx10
Misc Info : soil
Vial Number: 100



EPA 8081A OCL SOIL

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Fresno, CA 93720

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde
Project: 18715320 Florence

ARF: 73973

Sample ID: S-9-0.5'
Sample Collection Date: 8/12/2014

APPL ID: AZ00462
QCG: #8081S-140818B-189581

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	6.3 J	50.0	1.60	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	08/18/14	08/27/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/27/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/27/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/27/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/27/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/27/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/27/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/27/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/27/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	88.5	44-147		%	08/18/14	08/27/14
EPA 8081A	SURROGATE: TCMX (S)	84.8	25-147		%	08/18/14	08/27/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822206
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 12:36:44 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: MW-1

Sample Collection Date: 8/12/2014

ARF: 73973

APPL ID: AZ00464

QCG: #8081-140814B-189216

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	Not detected	0.05	0.004	ug/L	08/14/14	08/26/14
EPA 8081A	4,4'-DDT	Not detected	0.05	0.007	ug/L	08/14/14	08/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	0.05	0.003	ug/L	08/14/14	08/26/14
EPA 8081A	A-BHC	Not detected	0.05	0.005	ug/L	08/14/14	08/26/14
EPA 8081A	A-CHLORDANE	Not detected	0.05	0.007	ug/L	08/14/14	08/26/14
EPA 8081A	ALDRIN	Not detected	0.05	0.009	ug/L	08/14/14	08/26/14
EPA 8081A	B-BHC	Not detected	0.05	0.008	ug/L	08/14/14	08/26/14
EPA 8081A	D-BHC	Not detected	0.05	0.005	ug/L	08/14/14	08/26/14
EPA 8081A	DIELDRIN	Not detected	0.05	0.005	ug/L	08/14/14	08/26/14
EPA 8081A	ENDOSULFAN I	Not detected	0.05	0.005	ug/L	08/14/14	08/26/14
EPA 8081A	ENDOSULFAN II	Not detected	0.05	0.004	ug/L	08/14/14	08/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	0.05	0.005	ug/L	08/14/14	08/26/14
EPA 8081A	ENDRIN	Not detected	0.05	0.007	ug/L	08/14/14	08/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	0.05	0.009	ug/L	08/14/14	08/26/14
EPA 8081A	ENDRIN KETONE	Not detected	0.05	0.006	ug/L	08/14/14	08/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	0.05	0.005	ug/L	08/14/14	08/26/14
EPA 8081A	G-CHLORDANE	Not detected	0.05	0.006	ug/L	08/14/14	08/26/14
EPA 8081A	HEPTACHLOR	Not detected	0.05	0.008	ug/L	08/14/14	08/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	0.05	0.007	ug/L	08/14/14	08/26/14
EPA 8081A	METHOXYCHLOR	Not detected	0.05	0.008	ug/L	08/14/14	08/26/14
EPA 8081A	TOXAPHENE	Not detected	1.0	0.38	ug/L	08/14/14	08/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	80.4	27-110		%	08/14/14	08/26/14
EPA 8081A	SURROGATE: TCMX (S)	66.2	24-114		%	08/14/14	08/26/14

Quant Method: OCL0822.M
Run #: 0822153
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 9/9/2014 12:37:03 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-1-0.5'

Sample Collection Date: 08/12/14

ARF: 73973

APPL ID: AZ00444

QCG: #8151S-140818B-189557

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	95.3	45-142		%	08/18/14	08/27/14

Quant Method: HERB703.M
Run #: 0822097
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:16:59 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-1-0.5' DUP

Sample Collection Date: 08/12/14

ARF: 73973

APPL ID: AZ00445

QCG: #8151S-140818B-189557

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	90.7	45-142		%	08/18/14	08/27/14

Quant Method: HERB703.M
Run #: 0822099
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:16:59 PM

APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

ARF: 73973

Sample ID: S-2-0.5'

APPL ID: AZ00447

Sample Collection Date: 08/12/14

QCG: #8151S-140818B-189557

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	80.5	45-142		%	08/18/14	08/27/14

Quant Method: HERB703.M
Run #: 0822100
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:16:59 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-3-0.5'

Sample Collection Date: 08/12/14

ARF: 73973

APPL ID: AZ00449

QCG: #8151S-140818B-189557

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	143 #	45-142		%	08/18/14	08/27/14

= Recovery (or RPD) is outside QC limits.

Quant Method: HERB703.M
Run #: 0822101
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:16:59 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-4-0.5'

Sample Collection Date: 08/12/14

ARF: 73973

APPL ID: AZ00451

QCG: #8151S-140818B-189557

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	98.1	45-142		%	08/18/14	08/27/14

Quant Method: HERB703.M
Run #: 0822102
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:16:59 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

ARF: 73973

Sample ID: S-5-0.5'

APPL ID: AZ00453

Sample Collection Date: 08/12/14

QCG: #8151S-140818B-189557

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	100	45-142		%	08/18/14	08/27/14

Quant Method: HERB703.M
Run #: 0822103
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:16:59 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-6-0.5'

Sample Collection Date: 08/12/14

ARF: 73973

APPL ID: AZ00455

QCG: #8151S-140818B-189557

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	90.6	45-142		%	08/18/14	08/27/14

Quant Method: HERB703.M
Run #: 0822104
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:16:59 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-7-0.5'

Sample Collection Date: 08/12/14

ARF: 73973

APPL ID: AZ00457

QCG: #8151S-140818B-189557

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	93.5	45-142		%	08/18/14	08/27/14

Quant Method: HERB703.M
Run #: 0822105
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:16:59 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-8-0.5'

Sample Collection Date: 08/12/14

ARF: 73973

APPL ID: AZ00459

QCG: #8151S-140818B-189557

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	85.8	45-142		%	08/18/14	08/27/14

Quant Method: HERB703.M
Run #: 0822106
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:16:59 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-8-0.5' DUP

Sample Collection Date: 08/12/14

ARF: 73973

APPL ID: AZ00460

QCG: #8151S-140818B-189557

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	95.3	45-142		%	08/18/14	08/27/14

Quant Method: HERB703.M
Run #: 0822107
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:16:59 PM

APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides Soil

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

Attn: Frank Gegunde
Project: 18715320 Florence

Sample ID: S-9-0.5'

Sample Collection Date: 08/12/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973

APPL ID: AZ00462

QCG: #8151S-140818B-189557

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	71.8	45-142		%	08/18/14	08/27/14

Quant Method: HERB703.M
Run #: 0822108
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:16:59 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: 18715320 Florence

ARF: 73973

Sample ID: S-1-0.5'
Sample Collection Date: 8/12/14

APPL ID: AZ00444
QCG: #SIMS-140818A-189035

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	08/18/14	08/25/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	08/18/14	08/25/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	08/18/14	08/25/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	08/18/14	08/25/14
8270C-SIM	BENZ(A)ANTHRACENE	4.4 J	5.0	0.91	ug/kg	08/18/14	08/25/14
8270C-SIM	BENZO(A)PYRENE	8.5	5.0	0.93	ug/kg	08/18/14	08/25/14
8270C-SIM	BENZO(B)FLUORANTHENE	19	5.0	1.11	ug/kg	08/18/14	08/25/14
8270C-SIM	BENZO(G,H,I)PERYLENE	14	5.0	1.34	ug/kg	08/18/14	08/25/14
8270C-SIM	BENZO(K)FLUORANTHENE	19	5.0	1.04	ug/kg	08/18/14	08/25/14
8270C-SIM	CHRYSENE	11	5.0	0.85	ug/kg	08/18/14	08/25/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	2.4 J	5.0	0.92	ug/kg	08/18/14	08/25/14
8270C-SIM	FLUORANTHENE	14	5.0	1.20	ug/kg	08/18/14	08/25/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	08/18/14	08/25/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	8.3	5.0	0.90	ug/kg	08/18/14	08/25/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	08/18/14	08/25/14
8270C-SIM	PHENANTHRENE	5.2	5.0	1.10	ug/kg	08/18/14	08/25/14
8270C-SIM	PYRENE	14	5.0	1.24	ug/kg	08/18/14	08/25/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	81.8	45-105		%	08/18/14	08/25/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	72.3	35-100		%	08/18/14	08/25/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	63.2	30-125		%	08/18/14	08/25/14

J = Estimated value.

Quant Method: SIM.M
Run #: 0824L022
Instrument: Linus
Sequence: L140821
Dilution Factor: 1
Initials: LF

Printed: 8/25/14 9:24:39 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: 18715320 Florence

Sample ID: S-1-0.5' DUP

Sample Collection Date: 8/12/14

ARF: 73973

APPL ID: AZ00445

QCG: #SIMS-140818A-189035

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	1.2 J	5.0	0.94	ug/kg	08/18/14	08/25/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	08/18/14	08/25/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	08/18/14	08/25/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	08/18/14	08/25/14
8270C-SIM	BENZ(A)ANTHRACENE	4.3 J	5.0	0.91	ug/kg	08/18/14	08/25/14
8270C-SIM	BENZO(A)PYRENE	7.3	5.0	0.93	ug/kg	08/18/14	08/25/14
8270C-SIM	BENZO(B)FLUORANTHENE	18	5.0	1.11	ug/kg	08/18/14	08/25/14
8270C-SIM	BENZO(G,H,I)PERYLENE	14	5.0	1.34	ug/kg	08/18/14	08/25/14
8270C-SIM	BENZO(K)FLUORANTHENE	18	5.0	1.04	ug/kg	08/18/14	08/25/14
8270C-SIM	CHRYSENE	9.9	5.0	0.85	ug/kg	08/18/14	08/25/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	2.6 J	5.0	0.92	ug/kg	08/18/14	08/25/14
8270C-SIM	FLUORANTHENE	11	5.0	1.20	ug/kg	08/18/14	08/25/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	08/18/14	08/25/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	7.3	5.0	0.90	ug/kg	08/18/14	08/25/14
8270C-SIM	NAPHTHALENE	1.1 J	5.0	0.89	ug/kg	08/18/14	08/25/14
8270C-SIM	PHENANTHRENE	3.4 J	5.0	1.10	ug/kg	08/18/14	08/25/14
8270C-SIM	PYRENE	12	5.0	1.24	ug/kg	08/18/14	08/25/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	85.5	45-105		%	08/18/14	08/25/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	72.1	35-100		%	08/18/14	08/25/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	66.1	30-125		%	08/18/14	08/25/14

J = Estimated value.

Quant Method: SIM.M
Run #: 0824L023
Instrument: Linus
Sequence: L140821
Dilution Factor: 1
Initials: LF

Printed: 8/25/14 9:24:39 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: 18715320 Florence

ARF: 73973

Sample ID: S-2-0.5'

APPL ID: AZ00447

Sample Collection Date: 8/12/14

QCG: #SIMS-140818A-189035

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	8.3	5.0	0.94	ug/kg	08/18/14	08/22/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	08/18/14	08/22/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	08/18/14	08/22/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	08/18/14	08/22/14
8270C-SIM	BENZ(A)ANTHRACENE	4.3 J	5.0	0.91	ug/kg	08/18/14	08/22/14
8270C-SIM	BENZO(A)PYRENE	5.6	5.0	0.93	ug/kg	08/18/14	08/22/14
8270C-SIM	BENZO(B)FLUORANTHENE	16	5.0	1.11	ug/kg	08/18/14	08/22/14
8270C-SIM	BENZO(G,H,I)PERYLENE	8.4	5.0	1.34	ug/kg	08/18/14	08/22/14
8270C-SIM	BENZO(K)FLUORANTHENE	16	5.0	1.04	ug/kg	08/18/14	08/22/14
8270C-SIM	CHRYSENE	11	5.0	0.85	ug/kg	08/18/14	08/22/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	1.9 J	5.0	0.92	ug/kg	08/18/14	08/22/14
8270C-SIM	FLUORANTHENE	11	5.0	1.20	ug/kg	08/18/14	08/22/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	08/18/14	08/22/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	5.9	5.0	0.90	ug/kg	08/18/14	08/22/14
8270C-SIM	NAPHTHALENE	8.0	5.0	0.89	ug/kg	08/18/14	08/22/14
8270C-SIM	PHENANTHRENE	7.2	5.0	1.10	ug/kg	08/18/14	08/22/14
8270C-SIM	PYRENE	11	5.0	1.24	ug/kg	08/18/14	08/22/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	87.2	45-105		%	08/18/14	08/22/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	81.6	35-100		%	08/18/14	08/22/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	68.6	30-125		%	08/18/14	08/22/14

J = Estimated value.

Quant Method: SIM.M
Run #: 0822L007
Instrument: Linus
Sequence: L140821
Dilution Factor: 1
Initials: LF

Printed: 8/25/14 9:24:39 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: 18715320 Florence

Sample ID: S-3-0.5'

Sample Collection Date: 8/12/14

ARF: 73973

APPL ID: AZ00449

QCG: #SIMS-140818A-189035

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	8.6	5.0	0.94	ug/kg	08/18/14	08/22/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	08/18/14	08/22/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	08/18/14	08/22/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	08/18/14	08/22/14
8270C-SIM	BENZ(A)ANTHRACENE	3.1 J	5.0	0.91	ug/kg	08/18/14	08/22/14
8270C-SIM	BENZO(A)PYRENE	2.8 J	5.0	0.93	ug/kg	08/18/14	08/22/14
8270C-SIM	BENZO(B)FLUORANTHENE	7.4	5.0	1.11	ug/kg	08/18/14	08/22/14
8270C-SIM	BENZO(G,H,I)PERYLENE	3.7 J	5.0	1.34	ug/kg	08/18/14	08/22/14
8270C-SIM	BENZO(K)FLUORANTHENE	7.5	5.0	1.04	ug/kg	08/18/14	08/22/14
8270C-SIM	CHRYSENE	5.2	5.0	0.85	ug/kg	08/18/14	08/22/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	08/18/14	08/22/14
8270C-SIM	FLUORANTHENE	7.0	5.0	1.20	ug/kg	08/18/14	08/22/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	08/18/14	08/22/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	2.6 J	5.0	0.90	ug/kg	08/18/14	08/22/14
8270C-SIM	NAPHTHALENE	5.7	5.0	0.89	ug/kg	08/18/14	08/22/14
8270C-SIM	PHENANTHRENE	6.0	5.0	1.10	ug/kg	08/18/14	08/22/14
8270C-SIM	PYRENE	6.6	5.0	1.24	ug/kg	08/18/14	08/22/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	89.1	45-105		%	08/18/14	08/22/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	86.3	35-100		%	08/18/14	08/22/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	68.0	30-125		%	08/18/14	08/22/14

J = Estimated value.

Quant Method: SIM.M
Run #: 0822L008
Instrument: Linus
Sequence: L140821
Dilution Factor: 1
Initials: LF

Printed: 8/25/14 9:24:39 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: 18715320 Florence

Sample ID: MW-1
Sample Collection Date: 8/12/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973

APPL ID: AZ00464

QCG: #SIM-140818AW-188901

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	0.2	0.06	ug/L	08/18/14	08/20/14
8270C-SIM	ACENAPHTHENE	Not detected	0.2	0.06	ug/L	08/18/14	08/20/14
8270C-SIM	ACENAPHTHYLENE	Not detected	0.2	0.06	ug/L	08/18/14	08/20/14
8270C-SIM	ANTHRACENE	Not detected	0.2	0.05	ug/L	08/18/14	08/20/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	0.2	0.07	ug/L	08/18/14	08/20/14
8270C-SIM	BENZO(A)PYRENE	Not detected	0.2	0.06	ug/L	08/18/14	08/20/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	0.2	0.06	ug/L	08/18/14	08/20/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	0.2	0.08	ug/L	08/18/14	08/20/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	0.2	0.07	ug/L	08/18/14	08/20/14
8270C-SIM	CHRYSENE	Not detected	0.2	0.05	ug/L	08/18/14	08/20/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	0.2	0.05	ug/L	08/18/14	08/20/14
8270C-SIM	FLUORANTHENE	Not detected	0.2	0.08	ug/L	08/18/14	08/20/14
8270C-SIM	FLUORENE	Not detected	0.2	0.06	ug/L	08/18/14	08/20/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	0.2	0.07	ug/L	08/18/14	08/20/14
8270C-SIM	NAPHTHALENE	Not detected	0.2	0.05	ug/L	08/18/14	08/20/14
8270C-SIM	PHENANTHRENE	Not detected	0.2	0.07	ug/L	08/18/14	08/20/14
8270C-SIM	PYRENE	Not detected	0.2	0.08	ug/L	08/18/14	08/20/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	74.6	50-110		%	08/18/14	08/20/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	53.7	40-110		%	08/18/14	08/20/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	51.5	50-135		%	08/18/14	08/20/14

Quant Method: SIM.M
Run #: 0820L006
Instrument: Linus
Sequence: L140804
Dilution Factor: 1
Initials: LF

Printed: 8/21/14 10:27:07 AM
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: 18715320 Florence

ARF: 73973

Sample ID: S-1-0.5'

APPL ID: AZ00444

Sample Collection Date: 08/12/14

QCG: #8260S-140815AL-189087

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.99	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.96	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.77	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.72	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	08/15/14	08/15/14
EPA 8260B	BENZENE	0.67 J	5.0	0.63	ug/Kg	08/15/14	08/15/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	08/15/14	08/15/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	08/15/14	08/15/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	08/15/14	08/15/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	08/15/14	08/15/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	08/15/14	08/15/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	08/15/14	08/15/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	08/15/14	08/15/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	08/15/14	08/15/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	08/15/14	08/15/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	08/15/14	08/15/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.93	ug/Kg	08/15/14	08/15/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	08/15/14	08/15/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.87	ug/Kg	08/15/14	08/15/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	1.31	ug/Kg	08/15/14	08/15/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	1.01	ug/Kg	08/15/14	08/15/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	08/15/14	08/15/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	08/15/14	08/15/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	08/15/14	08/15/14
EPA 8260B	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	08/15/14	08/15/14
EPA 8260B	TOLUENE	Not detected	5.0	1.30	ug/Kg	08/15/14	08/15/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	08/15/14	08/15/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.78	ug/Kg	08/15/14	08/15/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.98	ug/Kg	08/15/14	08/15/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.56	ug/Kg	08/15/14	08/15/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	08/15/14	08/15/14

J = Estimated value.

Quant Method: LALLS.M
Run #: 0815L33
Instrument: Loki
Sequence: 140815
Dilution Factor: 1
Initials: SV

Printed: 08/26/14 2:04:34 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: 18715320 Florence

ARF: 73973

Sample ID: S-1-0.5'
Sample Collection Date: 08/12/14

APPL ID: AZ00444
QCG: #8260S-140815AL-189087

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	08/15/14	08/15/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	112	59-120		%	08/15/14	08/15/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	93.6	82-121		%	08/15/14	08/15/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	108	74-122		%	08/15/14	08/15/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	98.4	71-127		%	08/15/14	08/15/14

J = Estimated value.

Quant Method: LALLS.M
Run #: 0815L33
Instrument: Loki
Sequence: 140815
Dilution Factor: 1
Initials: SV

Printed: 08/26/14 2:04:34 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: 18715320 Florence

ARF: 73973

Sample ID: S-1-0.5' DUP

APPL ID: AZ00445

Sample Collection Date: 08/12/14

QCG: #8260S-140815AL-189087

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.99	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.96	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.77	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.72	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	08/15/14	08/15/14
EPA 8260B	BENZENE	0.80 J	5.0	0.63	ug/Kg	08/15/14	08/15/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	08/15/14	08/15/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	08/15/14	08/15/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	08/15/14	08/15/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	08/15/14	08/15/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	08/15/14	08/15/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	08/15/14	08/15/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	08/15/14	08/15/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	08/15/14	08/15/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	08/15/14	08/15/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	08/15/14	08/15/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.93	ug/Kg	08/15/14	08/15/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	08/15/14	08/15/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.87	ug/Kg	08/15/14	08/15/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	1.31	ug/Kg	08/15/14	08/15/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	1.01	ug/Kg	08/15/14	08/15/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	08/15/14	08/15/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	08/15/14	08/15/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	08/15/14	08/15/14
EPA 8260B	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	08/15/14	08/15/14
EPA 8260B	TOLUENE	Not detected	5.0	1.30	ug/Kg	08/15/14	08/15/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	08/15/14	08/15/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.78	ug/Kg	08/15/14	08/15/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.98	ug/Kg	08/15/14	08/15/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.56	ug/Kg	08/15/14	08/15/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	08/15/14	08/15/14

J = Estimated value.

Quant Method: LALLS.M
Run #: 0815L34
Instrument: Loki
Sequence: 140815
Dilution Factor: 1
Initials: SV

Printed: 08/26/14 2:04:34 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: 18715320 Florence

Sample ID: S-1-0.5' DUP

Sample Collection Date: 08/12/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973

APPL ID: AZ00445

QCG: #8260S-140815AL-189087

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	08/15/14	08/15/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	102	59-120		%	08/15/14	08/15/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	90.6	82-121		%	08/15/14	08/15/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	97.8	74-122		%	08/15/14	08/15/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	98.5	71-127		%	08/15/14	08/15/14

J = Estimated value.

Quant Method: LALLS.M
Run #: 0815L34
Instrument: Loki
Sequence: 140815
Dilution Factor: 1
Initials: SV

Printed: 08/26/14 2:04:34 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: 18715320 Florence

ARF: 73973

Sample ID: S-2-0.5'

APPL ID: AZ00447

Sample Collection Date: 08/12/14

QCG: #8260S-140815AL-189087

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.99	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.96	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.77	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.72	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	08/15/14	08/15/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	08/15/14	08/15/14
EPA 8260B	BENZENE	0.80 J	5.0	0.63	ug/Kg	08/15/14	08/15/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	08/15/14	08/15/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	08/15/14	08/15/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	08/15/14	08/15/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	08/15/14	08/15/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	08/15/14	08/15/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	08/15/14	08/15/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	08/15/14	08/15/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	08/15/14	08/15/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	08/15/14	08/15/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	08/15/14	08/15/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.93	ug/Kg	08/15/14	08/15/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	08/15/14	08/15/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.87	ug/Kg	08/15/14	08/15/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	1.31	ug/Kg	08/15/14	08/15/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	1.01	ug/Kg	08/15/14	08/15/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	08/15/14	08/15/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	08/15/14	08/15/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	08/15/14	08/15/14
EPA 8260B	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	08/15/14	08/15/14
EPA 8260B	TOLUENE	1.3 J	5.0	1.30	ug/Kg	08/15/14	08/15/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	08/15/14	08/15/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.78	ug/Kg	08/15/14	08/15/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.98	ug/Kg	08/15/14	08/15/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.56	ug/Kg	08/15/14	08/15/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	08/15/14	08/15/14

J = Estimated value.

Quant Method: LALLS.M
Run #: 0815L36
Instrument: Loki
Sequence: 140815
Dilution Factor: 1
Initials: SV

Printed: 08/26/14 2:04:34 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: 18715320 Florence

ARF: 73973

Sample ID: S-2-0.5'

APPL ID: AZ00447

Sample Collection Date: 08/12/14

QCG: #8260S-140815AL-189087

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	08/15/14	08/15/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	108	59-120		%	08/15/14	08/15/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBE	85.8	82-121		%	08/15/14	08/15/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	104	74-122		%	08/15/14	08/15/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	98.8	71-127		%	08/15/14	08/15/14

J = Estimated value.

Quant Method: LALLS.M
Run #: 0815L36
Instrument: Loki
Sequence: 140815
Dilution Factor: 1
Initials: SV

Printed: 08/26/14 2:04:34 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: 18715320 Florence

ARF: 73973

Sample ID: S-3-0.5'

APPL ID: AZ00449

Sample Collection Date: 08/12/14

QCG: #8260S-140815AL-189087

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	1,1,1,2-TETRACHLOROETHANE	Not detected	5.0	0.99	ug/Kg	08/16/14	08/16/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	08/16/14	08/16/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	08/16/14	08/16/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.96	ug/Kg	08/16/14	08/16/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	08/16/14	08/16/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	08/16/14	08/16/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	08/16/14	08/16/14
EPA 8260B	1,2-DICHLOROETHANE	Not detected	5.0	0.77	ug/Kg	08/16/14	08/16/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	5.0	0.72	ug/Kg	08/16/14	08/16/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	08/16/14	08/16/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	08/16/14	08/16/14
EPA 8260B	BENZENE	Not detected	5.0	0.63	ug/Kg	08/16/14	08/16/14
EPA 8260B	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	08/16/14	08/16/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	08/16/14	08/16/14
EPA 8260B	BROMOFORM	Not detected	5.0	0.80	ug/Kg	08/16/14	08/16/14
EPA 8260B	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	08/16/14	08/16/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	08/16/14	08/16/14
EPA 8260B	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	08/16/14	08/16/14
EPA 8260B	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	08/16/14	08/16/14
EPA 8260B	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	08/16/14	08/16/14
EPA 8260B	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	08/16/14	08/16/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	08/16/14	08/16/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.93	ug/Kg	08/16/14	08/16/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	08/16/14	08/16/14
EPA 8260B	DIBROMOMETHANE	Not detected	5.0	0.87	ug/Kg	08/16/14	08/16/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	10.0	1.31	ug/Kg	08/16/14	08/16/14
EPA 8260B	ETHYLBENZENE	Not detected	5.0	1.01	ug/Kg	08/16/14	08/16/14
EPA 8260B	FREON 113	Not detected	10.0	0.83	ug/Kg	08/16/14	08/16/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	08/16/14	08/16/14
EPA 8260B	MTBE	Not detected	5.0	1.50	ug/Kg	08/16/14	08/16/14
EPA 8260B	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	08/16/14	08/16/14
EPA 8260B	TOLUENE	Not detected	5.0	1.30	ug/Kg	08/16/14	08/16/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	08/16/14	08/16/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.78	ug/Kg	08/16/14	08/16/14
EPA 8260B	TRICHLOROETHENE	Not detected	5.0	0.98	ug/Kg	08/16/14	08/16/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.56	ug/Kg	08/16/14	08/16/14
EPA 8260B	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	08/16/14	08/16/14

Quant Method: LALLS.M
Run #: 0815L38
Instrument: Loki
Sequence: 140815
Dilution Factor: 1
Initials: SV

Printed: 08/26/14 2:04:34 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: 18715320 Florence

ARF: 73973

Sample ID: S-3-0.5'

APPL ID: AZ00449

Sample Collection Date: 08/12/14

QCG: #8260S-140815AL-189087

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	XYLENES	Not detected	5.0	0.68	ug/Kg	08/16/14	08/16/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	110	59-120		%	08/16/14	08/16/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBE	95.1	82-121		%	08/16/14	08/16/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	105	74-122		%	08/16/14	08/16/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	101	71-127		%	08/16/14	08/16/14

Quant Method: LALLS.M
Run #: 0815L38
Instrument: Loki
Sequence: 140815
Dilution Factor: 1
Initials: SV

Printed: 08/26/14 2:04:34 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: 18715320 Florence

ARF: 73973

Sample ID: Trip Blank

APPL ID: AZ00473

Sample Collection Date: 08/12/14

QCG: #8260-140813AL1-189089

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	08/13/14	08/13/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	08/13/14	08/13/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	08/13/14	08/13/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	08/13/14	08/13/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	08/13/14	08/13/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	08/13/14	08/13/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	08/13/14	08/13/14
EPA 8260B	1,2-DICHLOROETHANE	Not detected	0.5	0.14	ug/L	08/13/14	08/13/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	08/13/14	08/13/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	08/13/14	08/13/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	08/13/14	08/13/14
EPA 8260B	BENZENE	Not detected	0.5	0.16	ug/L	08/13/14	08/13/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	08/13/14	08/13/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	08/13/14	08/13/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	08/13/14	08/13/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	08/13/14	08/13/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	08/13/14	08/13/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	08/13/14	08/13/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	08/13/14	08/13/14
EPA 8260B	CHLOROFORM	Not detected	0.5	0.07	ug/L	08/13/14	08/13/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	08/13/14	08/13/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	08/13/14	08/13/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	08/13/14	08/13/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	08/13/14	08/13/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	08/13/14	08/13/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	08/13/14	08/13/14
EPA 8260B	ETHYL BENZENE	Not detected	0.5	0.23	ug/L	08/13/14	08/13/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	08/13/14	08/13/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	08/13/14	08/13/14
EPA 8260B	MTBE	Not detected	0.5	0.26	ug/L	08/13/14	08/13/14
EPA 8260B	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	08/13/14	08/13/14
EPA 8260B	TOLUENE	Not detected	0.5	0.17	ug/L	08/13/14	08/13/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	08/13/14	08/13/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	08/13/14	08/13/14
EPA 8260B	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	08/13/14	08/13/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	08/13/14	08/13/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	08/13/14	08/13/14

Quant Method: LALLW.M
Run #: 0813L12
Instrument: Loki
Sequence: 140812
Dilution Factor: 1
Initials: SV

Printed: 08/26/14 2:04:34 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: 18715320 Florence

ARF: 73973

Sample ID: Trip Blank

APPL ID: AZ00473

Sample Collection Date: 08/12/14

QCG: #8260-140813AL1-189089

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	08/13/14	08/13/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	102	70-125		%	08/13/14	08/13/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROBE	96.1	72-133		%	08/13/14	08/13/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	102	78-125		%	08/13/14	08/13/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	101	73-124		%	08/13/14	08/13/14

Quant Method: LALLW.M
Run #: 0813L12
Instrument: Loki
Sequence: 140812
Dilution Factor: 1
Initials: SV

Printed: 08/26/14 2:04:35 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: 18715320 Florence

Sample ID: S-1-0.5'
Sample Collection Date: 08/12/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973
APPL ID: AZ00444
QCG: #GASS-140813B-188808

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	08/14/14	08/14/14
EPA 8015	SURROGATE: BFB-FID (S)	88.8	76-131		%	08/14/14	08/14/14

Quant Method: HGAS.M
Run #: 0813H25
Instrument: Harpo
Sequence: 140617
Dilution Factor: 1
Initials: RSA

Printed: 08/18/14 2:30:18 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: 18715320 Florence

Sample ID: S-1-0.5' DUP

Sample Collection Date: 08/12/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973

APPL ID: AZ00445

QCG: #GASS-140813B-188808

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	08/14/14	08/14/14
EPA 8015	SURROGATE: BFB-FID (S)	97.1	76-131		%	08/14/14	08/14/14

Quant Method: HGAS.M
Run #: 0813H26
Instrument: Harpo
Sequence: 140617
Dilution Factor: 1
Initials: RSA

Printed: 08/18/14 2:30:19 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: 18715320 Florence

Sample ID: S-2-0.5'

Sample Collection Date: 08/12/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973

APPL ID: AZ00447

QCG: #GASS-140813B-188808

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	08/14/14	08/14/14
EPA 8015	SURROGATE: BFB-FID (S)	100	76-131		%	08/14/14	08/14/14

Quant Method: HGAS.M
Run #: 0813H28
Instrument: Harpo
Sequence: 140617
Dilution Factor: 1
Initials: RSA

Printed: 08/18/14 2:30:19 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: 18715320 Florence

Sample ID: S-3-0.5'
Sample Collection Date: 08/12/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973
APPL ID: AZ00449
QCG: #GASS-140813B-188808

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015	GASOLINE	Not detected	1000	340.0	ug/Kg	08/14/14	08/14/14
EPA 8015	SURROGATE: BFB-FID (S)	88.7	76-131		%	08/14/14	08/14/14

Quant Method: HGAS.M
Run #: 0813H30
Instrument: Harpo
Sequence: 140617
Dilution Factor: 1
Initials: RSA

Printed: 08/18/14 2:30:19 PM
APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

ARF: 73973

Project: 18715320 Florence

APPL ID: AZ00444

Sample ID: S-1-0.5'

Sample Collection Date: 08/12/14

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	ANTIMONY (SB)	0.57	0.5	0.10	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ARSENIC (AS)	2.0	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BARIUM (BA)	93.2	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BERYLLIUM (BE)	0.10 J	0.2	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CADMIUM (CD)	0.23 J	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CHROMIUM (CR)	16.9	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COBALT (CO)	2.8	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COPPER (CU)	14.1	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	LEAD (PB)	152	0.5	0.09	mg/kg	1	08/15/14	08/22/14
7471A/7471A	MERCURY	Not detected	0.1	0.02	mg/Kg	1	08/15/14	08/20/14
6010B/3050B	MOLYBDENUM (MO)	0.19 J	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	NICKEL (NI)	9.8	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SELENIUM (SE)	0.52	0.5	0.24	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	1	08/15/14	08/22/14
6010B/3050B	VANADIUM (V)	21.5	0.5	0.06	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ZINC (ZN)	114	5.0	1.15	mg/kg	1	08/15/14	08/22/14

J = Estimated value.

Printed: 09/09/14 2:54:47 PM
APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715320 Florence

Sample ID: S-1-0.5' DUP

Sample Collection Date: 08/12/14

ARF: 73973

APPL ID: AZ00445

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	ANTIMONY (SB)	0.68	0.5	0.10	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ARSENIC (AS)	2.3	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BARIUM (BA)	100	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BERYLLIUM (BE)	0.096 J	0.2	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CADMIUM (CD)	0.23 J	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CHROMIUM (CR)	16.0	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COBALT (CO)	2.7	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COPPER (CU)	7.5	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	LEAD (PB)	211	0.5	0.09	mg/kg	1	08/15/14	08/22/14
7471A/7471A	MERCURY	Not detected	0.1	0.02	mg/Kg	1	08/15/14	08/20/14
6010B/3050B	MOLYBDENUM (MO)	0.14 J	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	NICKEL (NI)	9.3	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SELENIUM (SE)	0.66	0.5	0.24	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	1	08/15/14	08/22/14
6010B/3050B	VANADIUM (V)	19.6	0.5	0.06	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ZINC (ZN)	128	5.0	1.15	mg/kg	1	08/15/14	08/22/14

J = Estimated value.

Printed: 09/09/14 2:54:47 PM
APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715320 Florence

Sample ID: S-2-0.5'

Sample Collection Date: 08/12/14

ARF: 73973

APPL ID: AZ00447

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	ANTIMONY (SB)	2.1	0.5	0.10	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ARSENIC (AS)	1.6	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BARIUM (BA)	105	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BERYLLIUM (BE)	0.11 J	0.2	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CADMIUM (CD)	0.34 J	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CHROMIUM (CR)	19.7	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COBALT (CO)	3.9	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COPPER (CU)	51.5	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	LEAD (PB)	66.1	0.5	0.09	mg/kg	1	08/15/14	08/22/14
7471A/7471A	MERCURY	0.027 J	0.1	0.02	mg/Kg	1	08/15/14	08/20/14
6010B/3050B	MOLYBDENUM (MO)	0.36 J	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	NICKEL (NI)	13.6	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SELENIUM (SE)	0.64	0.5	0.24	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	1	08/15/14	08/22/14
6010B/3050B	VANADIUM (V)	21.5	0.5	0.06	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ZINC (ZN)	228	5.0	1.15	mg/kg	1	08/15/14	08/22/14

J = Estimated value.

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APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715320 Florence

Sample ID: S-3-0.5'

Sample Collection Date: 08/12/14

ARF: 73973

APPL ID: AZ00449

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	ANTIMONY (SB)	0.90	0.5	0.10	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ARSENIC (AS)	1.5	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BARIUM (BA)	83.8	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BERYLLIUM (BE)	0.099 J	0.2	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CADMIUM (CD)	0.22 J	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CHROMIUM (CR)	18.7	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COBALT (CO)	3.1	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COPPER (CU)	14.6	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	LEAD (PB)	41.6	0.5	0.09	mg/kg	1	08/15/14	08/22/14
7471A/7471A	MERCURY	Not detected	0.1	0.02	mg/Kg	1	08/15/14	08/20/14
6010B/3050B	MOLYBDENUM (MO)	0.54	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	NICKEL (NI)	10.5	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SELENIUM (SE)	0.70	0.5	0.24	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	1	08/15/14	08/22/14
6010B/3050B	VANADIUM (V)	22.5	0.5	0.06	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ZINC (ZN)	239	5.0	1.15	mg/kg	1	08/15/14	08/22/14

J = Estimated value.

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APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

Attn: Frank Gegunde
Project: 18715320 Florence

Sample ID: S-4-0.5'
Sample Collection Date: 08/12/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973
APPL ID: AZ00451

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	LEAD (PB)	184	0.5	0.09	mg/kg	1	08/15/14	08/22/14

Metals Analysis

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

Attn: Frank Gegunde
Project: 18715320 Florence

Sample ID: S-5-0.5'

Sample Collection Date: 08/12/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973

APPL ID: AZ00453

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	LEAD (PB)	33.2	0.5	0.09	mg/kg	1	08/15/14	08/22/14

Printed: 09/09/14 2:54:47 PM

APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

Attn: Frank Gegunde
Project: 18715320 Florence

Sample ID: S-6-0.5'
Sample Collection Date: 08/12/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973
APPL ID: AZ00455

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	LEAD (PB)	60.8	0.5	0.09	mg/kg	1	08/15/14	08/22/14

Metals Analysis

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715320 Florence

ARF: 73973

Sample ID: S-7-0.5'

APPL ID: AZ00457

Sample Collection Date: 08/12/14

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	ANTIMONY (SB)	1.0	0.5	0.10	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ARSENIC (AS)	3.0	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BARIUM (BA)	74.4	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BERYLLIUM (BE)	0.11 J	0.2	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CADMIUM (CD)	0.54	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CHROMIUM (CR)	20.1	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COBALT (CO)	3.0	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COPPER (CU)	16.7	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	LEAD (PB)	67.5	0.5	0.09	mg/kg	1	08/15/14	08/22/14
7471A/7471A	MERCURY	0.11	0.1	0.02	mg/Kg	1	08/15/14	08/20/14
6010B/3050B	MOLYBDENUM (MO)	0.16 J	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	NICKEL (NI)	12.3	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SELENIUM (SE)	0.26 J	0.5	0.24	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	1	08/15/14	08/22/14
6010B/3050B	VANADIUM (V)	23.2	0.5	0.06	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ZINC (ZN)	154	5.0	1.15	mg/kg	1	08/15/14	08/22/14

J = Estimated value.

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APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

Attn: Frank Gegunde

Project: 18715320 Florence

Sample ID: S-8-0.5'

Sample Collection Date: 08/12/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973

APPL ID: AZ00459

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	ANTIMONY (SB)	0.96	0.5	0.10	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ARSENIC (AS)	4.2	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BARIUM (BA)	84.8	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BERYLLIUM (BE)	0.11 J	0.2	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CADMIUM (CD)	0.41 J	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CHROMIUM (CR)	23.1	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COBALT (CO)	3.6	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COPPER (CU)	14.8	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	LEAD (PB)	48.4	0.5	0.09	mg/kg	1	08/15/14	08/22/14
7471A/7471A	MERCURY	0.020 J	0.1	0.02	mg/Kg	1	08/15/14	08/20/14
6010B/3050B	MOLYBDENUM (MO)	0.16 J	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	NICKEL (NI)	14.7	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SELENIUM (SE)	0.75	0.5	0.24	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	1	08/15/14	08/22/14
6010B/3050B	VANADIUM (V)	26.5	0.5	0.06	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ZINC (ZN)	110	5.0	1.15	mg/kg	1	08/15/14	08/22/14

J = Estimated value.

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APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715320 Florence

Sample ID: S-8-0.5' DUP

Sample Collection Date: 08/12/14

ARF: 73973

APPL ID: AZ00460

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	ANTIMONY (SB)	0.93	0.5	0.10	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ARSENIC (AS)	4.8	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BARIUM (BA)	77.4	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BERYLLIUM (BE)	0.12 J	0.2	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CADMIUM (CD)	0.44 J	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CHROMIUM (CR)	23.2	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COBALT (CO)	3.7	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COPPER (CU)	16.5	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	LEAD (PB)	54.8	0.5	0.09	mg/kg	1	08/15/14	08/22/14
7471A/7471A	MERCURY	0.021 J	0.1	0.02	mg/Kg	1	08/15/14	08/20/14
6010B/3050B	MOLYBDENUM (MO)	0.15 J	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	NICKEL (NI)	14.7	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SELENIUM (SE)	0.38 J	0.5	0.24	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	1	08/15/14	08/22/14
6010B/3050B	VANADIUM (V)	27.6	0.5	0.06	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ZINC (ZN)	114	5.0	1.15	mg/kg	1	08/15/14	08/22/14

J = Estimated value.

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APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

Attn: Frank Gegunde
Project: 18715320 Florence

Sample ID: S-9-0.5'

Sample Collection Date: 08/12/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973

APPL ID: AZ00462

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	ANTIMONY (SB)	0.32 J	0.5	0.10	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ARSENIC (AS)	0.80	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BARIUM (BA)	33.5	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	BERYLLIUM (BE)	0.057 J	0.2	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CADMIUM (CD)	0.11 J	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	CHROMIUM (CR)	14.1	0.5	0.03	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COBALT (CO)	2.3	0.5	0.05	mg/kg	1	08/15/14	08/22/14
6010B/3050B	COPPER (CU)	6.0	0.5	0.09	mg/kg	1	08/15/14	08/22/14
6010B/3050B	LEAD (PB)	19.4	0.5	0.09	mg/kg	1	08/15/14	08/22/14
7471A/7471A	MERCURY	Not detected	0.1	0.02	mg/Kg	1	08/15/14	08/20/14
6010B/3050B	MOLYBDENUM (MO)	Not detected	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	NICKEL (NI)	8.7	0.5	0.07	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SELENIUM (SE)	0.46 J	0.5	0.24	mg/kg	1	08/15/14	08/22/14
6010B/3050B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	1	08/15/14	08/22/14
6010B/3050B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	1	08/15/14	08/22/14
6010B/3050B	VANADIUM (V)	18.4	0.5	0.06	mg/kg	1	08/15/14	08/22/14
6010B/3050B	ZINC (ZN)	44.9	5.0	1.15	mg/kg	1	08/15/14	08/22/14

J = Estimated value.

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APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715320 Florence

ARF: 73973

Sample ID: MW-1

APPL ID: AZ00464

Sample Collection Date: 08/12/14

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3010A	ANTIMONY (SB)	Not detected	5.0	1.84	ug/L	1	08/20/14	08/28/14
6010B/3010A	ARSENIC (AS)	Not detected	5.0	2.45	ug/L	1	08/20/14	08/28/14
6010B/3010A	BARIUM (BA)	Not detected	5.0	0.75	ug/L	1	08/20/14	08/28/14
6010B/3010A	BERYLLIUM (BE)	Not detected	2.0	0.24	ug/L	1	08/20/14	08/28/14
6010B/3010A	CADMIUM (CD)	Not detected	5.0	0.51	ug/L	1	08/20/14	08/28/14
6010B/3010A	CHROMIUM (CR)	Not detected	5.0	1.37	ug/L	1	08/20/14	08/28/14
6010B/3010A	COBALT (CO)	Not detected	5.0	0.63	ug/L	1	08/20/14	08/28/14
6010B/3010A	COPPER (CU)	Not detected	5.0	1.71	ug/L	1	08/20/14	08/28/14
6010B/3010A	LEAD (PB)	Not detected	3.0	1.58	ug/L	1	08/20/14	08/28/14
7470A/7470A	MERCURY (HG)	Not detected	0.2	0.06	ug/L	1	08/20/14	08/28/14
6010B/3010A	MOLYBDENUM (MO)	1.2 J	5.0	0.53	ug/L	1	08/20/14	08/28/14
6010B/3010A	NICKEL (NI)	Not detected	5.0	0.42	ug/L	1	08/20/14	08/28/14
6010B/3010A	SELENIUM (SE)	Not detected	5.0	3.17	ug/L	1	08/20/14	08/28/14
6010B/3010A	SILVER (AG)	Not detected	1.0	0.58	ug/L	1	08/20/14	08/28/14
6010B/3010A	THALLIUM (TL)	Not detected	5.0	1.77	ug/L	1	08/20/14	08/28/14
6010B/3010A	VANADIUM (V)	Not detected	5.0	0.97	ug/L	1	08/20/14	08/28/14
6010B/3010A	ZINC (ZN)	3.6 J	50.0	2.74	ug/L	1	08/20/14	08/28/14

J = Estimated value.

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APPL-F1-SC-NoMC-REG MDLs

Method Blank
EPA 8015B TPH DIESEL MO

Blank Name/QCG: **140814W-00464 - 188990**
Batch ID: #TPHO-140814A

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	50.0	40.40	ug/L	8/14/2014	8/19/2014
BLANK	MOTOR OIL	Not detected	500	106.0	ug/L	8/14/2014	8/19/2014
BLANK	SURROGATE: OCTACOSANE (S)	53.1	28-142		%	8/14/2014	8/19/2014
BLANK	SURROGATE: ORTHO-TERPHENYL (	63.7	45-145		%	8/14/2014	8/19/2014

Quant Method:TPHD707.M
Run #:818018
Instrument:Apollo
Sequence:140818
Initials:LA

GC SC-Blank-REG MDLs
Printed: 8/25/2014 10:20:29 AM

Method Blank
TPH Diesel Soil EPA 8015B

Blank Name/QCG: **140816S-00444 - 189007**
Batch ID: #TPHDS-140816A1

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	8/16/2014	8/19/2014
BLANK	MOTOR OIL	Not detected	10000	3510.0	ug/kg	8/16/2014	8/19/2014
BLANK	SURROGATE: OCTACOSANE (S)	64.7	47-140		%	8/16/2014	8/19/2014
BLANK	SURROGATE: ORTHO-TERPHENYL (	74.1	58-128		%	8/16/2014	8/19/2014

Quant Method:TPHD707.M
Run #:818006
Instrument:Apollo
Sequence:140818
Initials:LA

GC SC-Blank-REG MDLs
Printed: 8/25/2014 10:20:29 AM

Laboratory Control Spike Recovery
EPA 8015B TPH DIESEL MO

APPL ID: 140814W-00464 LCS - 188990
 Batch ID: #TPHO-140814A

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
DIESEL FUEL	2000	1300	65.0	61-143
MOTOR OIL	2000	1200	60.0	40-140

SURROGATE: OCTACOSANE (S)	150	88.9	59.3	28-142
SURROGATE: ORTHO-TERPHENYL (S)	150	137	91.3	45-145

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	TPHD707.M
Extraction Date :	8/14/2014
Analysis Date :	8/19/2014
Instrument :	Apollo
Run :	818019
Initials :	LA

Printed: 8/25/2014 10:20:22 AM
 APPL Standard LCS

Laboratory Control Spike Recovery
TPH Diesel Soil EPA 8015B

APPL ID: **140816S-00444 LCS - 189007**
 Batch ID: #TPHDS-140816A1

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	32100	80.3	64-122
MOTOR OIL	40000	26100	65.3	50-150
<hr style="border-top: 1px dashed black;"/>				
SURROGATE: OCTACOSANE (S)	3000	1910	63.7	47-140
SURROGATE: ORTHO-TERPHENYL (S)	3000	2700	90.0	58-128
<hr style="border-top: 1px dashed black;"/>				

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	TPHD707.M
Extraction Date :	8/16/2014
Analysis Date :	8/19/2014
Instrument :	Apollo
Run :	818007
Initials :	LA

Printed: 8/25/2014 10:20:22 AM
 APPL Standard LCS

Method Blank
EPA 8081A OCL SOIL

Blank Name/QCG: 140818S-00444 - 189581
Batch ID: #8081S-140818B

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	4,4'-DDE	Not detected	50.0	1.60	ug/kg	8/18/2014	8/27/2014
BLANK	4,4'-DDT	Not detected	50.0	0.40	ug/kg	8/18/2014	8/27/2014
BLANK	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	8/18/2014	8/27/2014
BLANK	A-BHC	Not detected	50.0	1.00	ug/kg	8/18/2014	8/27/2014
BLANK	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	8/18/2014	8/27/2014
BLANK	ALDRIN	Not detected	50.0	1.40	ug/kg	8/18/2014	8/27/2014
BLANK	B-BHC	Not detected	50.0	1.00	ug/kg	8/18/2014	8/27/2014
BLANK	D-BHC	Not detected	50.0	1.10	ug/kg	8/18/2014	8/27/2014
BLANK	DIELDRIN	Not detected	50.0	1.10	ug/kg	8/18/2014	8/27/2014
BLANK	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	8/18/2014	8/27/2014
BLANK	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	8/18/2014	8/27/2014
BLANK	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	8/18/2014	8/27/2014
BLANK	ENDRIN	Not detected	50.0	1.10	ug/kg	8/18/2014	8/27/2014
BLANK	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	8/18/2014	8/27/2014
BLANK	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	8/18/2014	8/27/2014
BLANK	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	8/18/2014	8/27/2014
BLANK	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	8/18/2014	8/27/2014
BLANK	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	8/18/2014	8/27/2014
BLANK	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	8/18/2014	8/27/2014
BLANK	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	8/18/2014	8/27/2014
BLANK	TOXAPHENE	Not detected	1000	15.7	ug/kg	8/18/2014	8/27/2014
BLANK	SURROGATE: DECACHLOROBIPHEN	63.4	44-147		%	8/18/2014	8/27/2014
BLANK	SURROGATE: TCMX (S)	58.6	25-147		%	8/18/2014	8/27/2014

Quant Method: OCL0822.M
Run #: 0822189
Instrument: Lucy
Sequence: 140822
Initials: DA

GC SC-Blank-REG MDLs
Printed: 9/9/2014 12:36:47 PM

Laboratory Control Spike Recovery

EPA 8081A OCL SOIL

APPL ID: 140818S-00444 LCS - 189581

Batch ID: #8081S-140818B

APPL Inc.

908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
4,4'-DDE	100	88.6	88.6	55-124
4,4'-DDT	100	79.5	79.5	48-138
4,4'-TDE/DDD	100	89.1	89.1	53-130
A-BHC	100	82.9	82.9	44-131
A-CHLORDANE	100	97.8	97.8	51-125
ALDRIN	100	85.5	85.5	45-124
B-BHC	100	90.0	90.0	58-131
D-BHC	100	82.6	82.6	40-136
DIELDRIN	100	88.4	88.4	58-127
ENDOSULFAN I	100	93.0	93.0	66-124
ENDOSULFAN II	100	88.0	88.0	54-131
ENDOSULFAN SULFATE	100	89.8	89.8	49-134
ENDRIN	100	79.6	79.6	49-143
ENDRIN ALDEHYDE	100	73.4	73.4	25-125
ENDRIN KETONE	100	93.1	93.1	46-129
G-BHC (LINDANE)	100	86.8	86.8	53-129
G-CHLORDANE	100	90.0	90.0	52-123
HEPTACHLOR	100	92.2	92.2	48-133
HEPTACHLOR EPOXIDE	100	96.7	96.7	53-124
METHOXYCHLOR	100	95.2	95.2	51-140
TOXAPHENE	1000	910	91.0	52-122

SURROGATE: DECACHLOROBIPHENYL	333	230	69.1	44-147
SURROGATE: TCMX (S)	333	204	61.3	25-147

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	OCL0822.M
Extraction Date :	8/18/2014
Analysis Date :	8/27/2014
Instrument :	Lucy
Run :	0822190
Initials :	DA

Printed: 9/9/2014 12:36:41 PM

APPL Standard LCS

Method Blank
EPA 8081A OCL WATER

Blank Name/QCG: 140814W-00464 - 189216
Batch ID: #8081-140814B

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	4,4'-DDE	Not detected	0.05	0.004	ug/L	8/14/2014	8/26/2014
BLANK	4,4'-DDT	Not detected	0.05	0.007	ug/L	8/14/2014	8/26/2014
BLANK	4,4'-TDE/DDD	Not detected	0.05	0.003	ug/L	8/14/2014	8/26/2014
BLANK	A-BHC	Not detected	0.05	0.005	ug/L	8/14/2014	8/26/2014
BLANK	A-CHLORDANE	Not detected	0.05	0.007	ug/L	8/14/2014	8/26/2014
BLANK	ALDRIN	Not detected	0.05	0.009	ug/L	8/14/2014	8/26/2014
BLANK	B-BHC	Not detected	0.05	0.008	ug/L	8/14/2014	8/26/2014
BLANK	D-BHC	Not detected	0.05	0.005	ug/L	8/14/2014	8/26/2014
BLANK	DIELDRIN	Not detected	0.05	0.005	ug/L	8/14/2014	8/26/2014
BLANK	ENDOSULFAN I	Not detected	0.05	0.005	ug/L	8/14/2014	8/26/2014
BLANK	ENDOSULFAN II	Not detected	0.05	0.004	ug/L	8/14/2014	8/26/2014
BLANK	ENDOSULFAN SULFATE	Not detected	0.05	0.005	ug/L	8/14/2014	8/26/2014
BLANK	ENDRIN	Not detected	0.05	0.007	ug/L	8/14/2014	8/26/2014
BLANK	ENDRIN ALDEHYDE	Not detected	0.05	0.009	ug/L	8/14/2014	8/26/2014
BLANK	ENDRIN KETONE	Not detected	0.05	0.006	ug/L	8/14/2014	8/26/2014
BLANK	G-BHC (LINDANE)	Not detected	0.05	0.005	ug/L	8/14/2014	8/26/2014
BLANK	G-CHLORDANE	Not detected	0.05	0.006	ug/L	8/14/2014	8/26/2014
BLANK	HEPTACHLOR	Not detected	0.05	0.008	ug/L	8/14/2014	8/26/2014
BLANK	HEPTACHLOR EPOXIDE	Not detected	0.05	0.007	ug/L	8/14/2014	8/26/2014
BLANK	METHOXYCHLOR	Not detected	0.05	0.008	ug/L	8/14/2014	8/26/2014
BLANK	TOXAPHENE	Not detected	1.0	0.38	ug/L	8/14/2014	8/26/2014
BLANK	SURROGATE: DECACHLOROBIPHEN	82.7	27-110		%	8/14/2014	8/26/2014
BLANK	SURROGATE: TCMX (S)	52.0	24-114		%	8/14/2014	8/26/2014

Quant Method: OCL0822.M
Run #: 0822136
Instrument: Lucy
Sequence: 140822
Initials: MA

GC SC-Blank-REG MDLs
Printed: 9/9/2014 12:37:06 PM

Laboratory Control Spike Recovery
EPA 8081A OCL WATER

APPL ID: 140814W-00464 LCS - 189216
Batch ID: #8081-140814B

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
4,4'-DDE	0.300	0.211	70.3	64-120
4,4'-DDT	0.300	0.245	81.7	61-126
4,4'-TDE/DDD	0.300	0.275	91.7	67-116
A-BHC	0.300	0.227	75.7	45-125
A-CHLORDANE	0.300	0.218	72.7	63-112
ALDRIN	0.300	0.145	48.3	46-117
B-BHC	0.300	0.240	80.0	59-116
D-BHC	0.300	0.275	91.7	30-130
DIELDRIN	0.300	0.272	90.7	67-117
ENDOSULFAN I	0.300	0.268	89.3	66-114
ENDOSULFAN II	0.300	0.268	89.3	66-113
ENDOSULFAN SULFATE	0.300	0.290	96.7	63-109
ENDRIN	0.300	0.250	83.3	57-127
ENDRIN ALDEHYDE	0.300	0.265	88.3	56-114
ENDRIN KETONE	0.300	0.298	99.3	53-119
G-BHC (LINDANE)	0.300	0.259	86.3	57-128
G-CHLORDANE	0.300	0.193	64.3	61-115
HEPTACHLOR	0.300	0.154	51.3	46-121
HEPTACHLOR EPOXIDE	0.300	0.255	85.0	62-117
METHOXYCHLOR	0.300	0.278	92.7	62-121
TOXAPHENE	1.0	0.771	77.1	33-117

SURROGATE: DECACHLOROBIPHENYL	0.300	0.251	83.7	27-110
SURROGATE: TCMX (S)	0.300	0.128	42.7	24-114

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	OCL0822.M
Extraction Date :	8/14/2014
Analysis Date :	8/26/2014
Instrument :	Lucy
Run :	0822138
Initials :	MA

Method Blank
EPA 8151A Herbicides Soil

Blank Name/QCG: **140818S-00444 - 189557**
Batch ID: #8151S-140818B

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
BLANK	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
BLANK	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
BLANK	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
BLANK	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
BLANK	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
BLANK	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
BLANK	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
BLANK	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
BLANK	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
BLANK	SURROGATE: 2,4-DCAA (S)	90.7	45-142		%	08/18/14	08/27/14

<p>Quant Method: HERB703.M Run #: 0822095 Instrument: Herbie Sequence: 140822 Initials: MA</p>
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GC SC-Blank-REG MDLs
Printed: 09/08/14 4:16:58 PM

Laboratory Control Spike Recovery

EPA 8151A Herbicides Soil

APPL ID: **140818S-00444 LCS - 189557**
 Batch ID: #8151S-140818B

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
2,4,5-T	128	115	89.8	49-150
2,4,5-TP (SILVEX)	128	98.7	77.1	46-143
2,4-D	640	611	95.5	36-177
2,4-DB	1280	1040	81.3	48-150
DALAPON	1280	1030	80.5	44-139
DICAMBA	128	93.7	73.2	48-141
DICHLORPROP (2,4-DP)	640	585	91.4	50-141
DINOSEB (DNBP)	320	288	90.0	52-134
MCPA	128000	127000	99.2	49-137
MCPD	128000	104000	81.3	73-127
<hr style="border-top: 1px dashed black;"/>				
SURROGATE: 2,4-DCAA (S)	640	565	88.3	45-142
<hr style="border-top: 1px dashed black;"/>				

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	HERB703.M
Extraction Date :	08/18/14
Analysis Date :	08/27/14
Instrument :	Herbie
Run :	0822096
Initials :	MA

Printed: 09/08/14 4:17:00 PM
 APPL Standard LCS

Method Blank
EPA 8270C - SOLID

Blank Name/QCG: **140818S-00444 - 189035**
Batch ID: #SIMS-140818A

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	8/18/14	8/22/14
BLANK	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	8/18/14	8/22/14
BLANK	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	8/18/14	8/22/14
BLANK	ANTHRACENE	Not detected	5.0	0.83	ug/kg	8/18/14	8/22/14
BLANK	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	8/18/14	8/22/14
BLANK	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	8/18/14	8/22/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	8/18/14	8/22/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	8/18/14	8/22/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	8/18/14	8/22/14
BLANK	CHRYSENE	Not detected	5.0	0.85	ug/kg	8/18/14	8/22/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	8/18/14	8/22/14
BLANK	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	8/18/14	8/22/14
BLANK	FLUORENE	Not detected	5.0	1.00	ug/kg	8/18/14	8/22/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	8/18/14	8/22/14
BLANK	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	8/18/14	8/22/14
BLANK	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	8/18/14	8/22/14
BLANK	PYRENE	Not detected	5.0	1.24	ug/kg	8/18/14	8/22/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	75.3	45-105		%	8/18/14	8/22/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	54.4	35-100		%	8/18/14	8/22/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	76.1	30-125		%	8/18/14	8/22/14

Quant Method: SIM.M
Run #: 0822L003
Instrument: Linus
Sequence: L140821
Initials: LF

GC SC-Blank-REG MDLs
Printed: 8/25/14 9:24:19 PM

Method Blank
EPA 8270C - Water

Blank Name/QCG: **140818W-00464 - 188901**
Batch ID: #SIM-140818AW

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	8/18/14	8/20/14
BLANK	ACENAPHTHENE	Not detected	0.2	0.06	ug/L	8/18/14	8/20/14
BLANK	ACENAPHTHYLENE	Not detected	0.2	0.06	ug/L	8/18/14	8/20/14
BLANK	ANTHRACENE	Not detected	0.2	0.05	ug/L	8/18/14	8/20/14
BLANK	BENZ(A)ANTHRACENE	Not detected	0.2	0.07	ug/L	8/18/14	8/20/14
BLANK	BENZO(A)PYRENE	Not detected	0.2	0.06	ug/L	8/18/14	8/20/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	0.2	0.06	ug/L	8/18/14	8/20/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	0.2	0.08	ug/L	8/18/14	8/20/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	0.2	0.07	ug/L	8/18/14	8/20/14
BLANK	CHRYSENE	Not detected	0.2	0.05	ug/L	8/18/14	8/20/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	0.2	0.05	ug/L	8/18/14	8/20/14
BLANK	FLUORANTHENE	Not detected	0.2	0.08	ug/L	8/18/14	8/20/14
BLANK	FLUORENE	Not detected	0.2	0.06	ug/L	8/18/14	8/20/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	0.2	0.07	ug/L	8/18/14	8/20/14
BLANK	NAPHTHALENE	Not detected	0.2	0.05	ug/L	8/18/14	8/20/14
BLANK	PHENANTHRENE	Not detected	0.2	0.07	ug/L	8/18/14	8/20/14
BLANK	PYRENE	Not detected	0.2	0.08	ug/L	8/18/14	8/20/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	62.2	50-110		%	8/18/14	8/20/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	45.4	40-110		%	8/18/14	8/20/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	53.7	50-135		%	8/18/14	8/20/14

Quant Method: SIM.M
Run #: 0820L004
Instrument: Linus
Sequence: L140804
Initials: LF

GC SC-Blank-REG MDLs
Printed: 8/21/14 10:27:03 AM

Laboratory Control Spike Recovery

EPA 8270C - SOLID

APPL ID: 140818S-00444 LCS - 189035

Batch ID: #SIMS-140818A

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	131	116	88.5	45-105
ACENAPHTHENE	131	135	103	45-110
ACENAPHTHYLENE	131	125	95.4	45-105
ANTHRACENE	131	132	101	55-105
BENZ(A)ANTHRACENE	131	130	99.2	50-110
BENZO(A)PYRENE	131	133	102	50-110
BENZO(B)FLUORANTHENE	131	83.9	64.0	45-115
BENZO(G,H,I)PERYLENE	131	131	100	40-125
BENZO(K)FLUORANTHENE	131	129	98.5	45-125
CHRYSENE	131	141	108	55-110
DIBENZ(A,H)ANTHRACENE	131	132	101	40-125
FLUORANTHENE	131	142	108	55-115
FLUORENE	131	143	109	50-110
INDENO(1,2,3-CD)PYRENE	131	129	98.5	40-120
NAPHTHALENE	131	86.0	65.6	40-105
PHENANTHRENE	131	140	107	50-110
PYRENE	131	140	107	45-125

SURROGATE: 2-FLUORBIPHENYL (S)	65.5	58.8	89.8	45-105
SURROGATE: NITROBENZENE-D5 (S)	65.5	35.7	54.5	35-100
SURROGATE: TERPHENYL-D14 (S)	65.5	53.7	82.0	30-125

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	SIM.M
Extraction Date :	8/18/14
Analysis Date :	8/22/14
Instrument :	Linus
Run :	0822L004
Initials :	LF

Printed: 8/25/14 9:24:21 PM
APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8270C - Water

APPL ID: **140818W-00464 LCS - 188901**

Batch ID: #SIM-140818AW

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	2.35	58.8	45-105
ACENAPHTHENE	4.00	3.16	79.0	45-110
ACENAPHTHYLENE	4.00	3.51	87.8	50-105
ANTHRACENE	4.00	2.62	65.5	55-110
BENZ(A)ANTHRACENE	4.00	3.01	75.3	55-110
BENZO(A)PYRENE	4.00	3.00	75.0	55-110
BENZO(B)FLUORANTHENE	4.00	2.79	69.8	45-120
BENZO(G,H,I)PERYLENE	4.00	2.83	70.8	40-125
BENZO(K)FLUORANTHENE	4.00	3.24	81.0	45-125
CHRYSENE	4.00	2.77	69.3	55-110
DIBENZ(A,H)ANTHRACENE	4.00	3.06	76.5	40-125
FLUORANTHENE	4.00	2.89	72.3	55-115
FLUORENE	4.00	3.75	93.8	50-110
INDENO(1,2,3-CD)PYRENE	4.00	2.87	71.8	45-125
NAPHTHALENE	4.00	2.66	66.5	40-100
PHENANTHRENE	4.00	2.69	67.3	50-115
PYRENE	4.00	2.95	73.8	50-130

SURROGATE: 2-FLUORBIPHENYL (S)	2.00	1.33	66.5	50-110
SURROGATE: NITROBENZENE-D5 (S)	2.00	1.35	67.5	40-110
SURROGATE: TERPHENYL-D14 (S)	2.00	1.04	52.0	50-135

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	SIM.M
Extraction Date :	8/18/14
Analysis Date :	8/20/14
Instrument :	Linus
Run :	0820L005
Initials :	LF

Printed: 8/21/14 10:27:05 AM

APPL Standard LCS

Method Blank EPA 8260B SOIL

Blank Name/QCG: **140815S-00444 - 189087**
Batch ID: #8260S-140815AL

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	0.99	ug/Kg	08/15/14	08/15/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	5.0	0.81	ug/Kg	08/15/14	08/15/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	5.0	1.24	ug/Kg	08/15/14	08/15/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	5.0	0.96	ug/Kg	08/15/14	08/15/14
BLANK	1,1-DICHLOROETHANE	Not detected	5.0	1.13	ug/Kg	08/15/14	08/15/14
BLANK	1,1-DICHLOROETHENE	Not detected	5.0	0.79	ug/Kg	08/15/14	08/15/14
BLANK	1,2-DICHLOROBENZENE	Not detected	5.0	0.95	ug/Kg	08/15/14	08/15/14
BLANK	1,2-DICHLOROETHANE	Not detected	5.0	0.77	ug/Kg	08/15/14	08/15/14
BLANK	1,2-DICHLOROPROPANE	Not detected	5.0	0.72	ug/Kg	08/15/14	08/15/14
BLANK	1,3-DICHLOROBENZENE	Not detected	5.0	0.60	ug/Kg	08/15/14	08/15/14
BLANK	1,4-DICHLOROBENZENE	Not detected	5.0	0.67	ug/Kg	08/15/14	08/15/14
BLANK	BENZENE	Not detected	5.0	0.63	ug/Kg	08/15/14	08/15/14
BLANK	BROMOBENZENE	Not detected	5.0	0.76	ug/Kg	08/15/14	08/15/14
BLANK	BROMODICHLOROMETHANE	Not detected	5.0	0.69	ug/Kg	08/15/14	08/15/14
BLANK	BROMOFORM	Not detected	5.0	0.80	ug/Kg	08/15/14	08/15/14
BLANK	BROMOMETHANE	Not detected	10.0	1.60	ug/Kg	08/15/14	08/15/14
BLANK	CARBON TETRACHLORIDE	Not detected	5.0	0.80	ug/Kg	08/15/14	08/15/14
BLANK	CHLOROBENZENE	Not detected	5.0	0.49	ug/Kg	08/15/14	08/15/14
BLANK	CHLOROETHANE	Not detected	5.0	1.55	ug/Kg	08/15/14	08/15/14
BLANK	CHLOROFORM	Not detected	5.0	1.43	ug/Kg	08/15/14	08/15/14
BLANK	CHLOROMETHANE	Not detected	5.0	1.82	ug/Kg	08/15/14	08/15/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	5.0	1.07	ug/Kg	08/15/14	08/15/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	5.0	0.93	ug/Kg	08/15/14	08/15/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	5.0	0.85	ug/Kg	08/15/14	08/15/14
BLANK	DIBROMOMETHANE	Not detected	5.0	0.87	ug/Kg	08/15/14	08/15/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	10.0	1.31	ug/Kg	08/15/14	08/15/14
BLANK	ETHYLBENZENE	Not detected	5.0	1.01	ug/Kg	08/15/14	08/15/14
BLANK	FREON 113	Not detected	10.0	0.83	ug/Kg	08/15/14	08/15/14
BLANK	METHYLENE CHLORIDE	Not detected	50.0	4.58	ug/Kg	08/15/14	08/15/14
BLANK	MTBE	Not detected	5.0	1.50	ug/Kg	08/15/14	08/15/14
BLANK	TETRACHLOROETHENE	Not detected	5.0	0.54	ug/Kg	08/15/14	08/15/14
BLANK	TOLUENE	Not detected	5.0	1.30	ug/Kg	08/15/14	08/15/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	5.0	1.35	ug/Kg	08/15/14	08/15/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	5.0	0.78	ug/Kg	08/15/14	08/15/14

Quant Method: LALLS.M
Run #: 0815L25
Instrument: Loki
Sequence: 140815
Initials: SV

GC SC-Blank-REG MDLs
Printed: 08/26/14 2:04:28 PM

Method Blank
EPA 8260B SOIL

Blank Name/QCG: **140815S-00444 - 189087**
Batch ID: #8260S-140815AL

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	TRICHLOROETHENE	Not detected	5.0	0.98	ug/Kg	08/15/14	08/15/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	5.0	1.56	ug/Kg	08/15/14	08/15/14
BLANK	VINYL CHLORIDE	Not detected	5.0	1.68	ug/Kg	08/15/14	08/15/14
BLANK	XYLENES	Not detected	5.0	0.68	ug/Kg	08/15/14	08/15/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	87.2	59-120		%	08/15/14	08/15/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	91.6	82-121		%	08/15/14	08/15/14
BLANK	SURROGATE: DIBROMOFLUOROME	96.4	74-122		%	08/15/14	08/15/14
BLANK	SURROGATE: TOLUENE-D8 (S)	109	71-127		%	08/15/14	08/15/14

Quant Method: LALLS.M
Run #: 0815L25
Instrument: Loki
Sequence: 140815
Initials: SV

GC SC-Blank-REG MDLs
Printed: 08/26/14 2:04:28 PM

Method Blank

EPA 8260B

Blank Name/QCG: **140813W-00473 - 189089**
 Batch ID: #8260-140813AL1

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	08/13/14	08/13/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	08/13/14	08/13/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	08/13/14	08/13/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	08/13/14	08/13/14
BLANK	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	08/13/14	08/13/14
BLANK	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	08/13/14	08/13/14
BLANK	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	08/13/14	08/13/14
BLANK	1,2-DICHLOROETHANE	Not detected	0.5	0.14	ug/L	08/13/14	08/13/14
BLANK	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	08/13/14	08/13/14
BLANK	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	08/13/14	08/13/14
BLANK	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	08/13/14	08/13/14
BLANK	BENZENE	Not detected	0.5	0.16	ug/L	08/13/14	08/13/14
BLANK	BROMOBENZENE	Not detected	0.5	0.16	ug/L	08/13/14	08/13/14
BLANK	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	08/13/14	08/13/14
BLANK	BROMOFORM	Not detected	0.5	0.14	ug/L	08/13/14	08/13/14
BLANK	BROMOMETHANE	Not detected	1.0	0.24	ug/L	08/13/14	08/13/14
BLANK	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	08/13/14	08/13/14
BLANK	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	08/13/14	08/13/14
BLANK	CHLOROETHANE	Not detected	0.5	0.21	ug/L	08/13/14	08/13/14
BLANK	CHLOROFORM	Not detected	0.5	0.07	ug/L	08/13/14	08/13/14
BLANK	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	08/13/14	08/13/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	08/13/14	08/13/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	08/13/14	08/13/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	08/13/14	08/13/14
BLANK	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	08/13/14	08/13/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	08/13/14	08/13/14
BLANK	ETHYL BENZENE	Not detected	0.5	0.23	ug/L	08/13/14	08/13/14
BLANK	FREON-113	Not detected	0.5	0.21	ug/L	08/13/14	08/13/14
BLANK	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	08/13/14	08/13/14
BLANK	MTBE	Not detected	0.5	0.26	ug/L	08/13/14	08/13/14
BLANK	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	08/13/14	08/13/14
BLANK	TOLUENE	Not detected	0.5	0.17	ug/L	08/13/14	08/13/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	08/13/14	08/13/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	08/13/14	08/13/14

Quant Method: LALLW.M
Run #: 0813L10
Instrument: Loki
Sequence: 140812
Initials: SV

GC SC-Blank-REG MDLs
 Printed: 08/26/14 2:04:28 PM

Method Blank
EPA 8260B

Blank Name/QCG: **140813W-00473 - 189089**
Batch ID: #8260-140813AL1

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	08/13/14	08/13/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	08/13/14	08/13/14
BLANK	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	08/13/14	08/13/14
BLANK	XYLENES	Not detected	0.5	0.19	ug/L	08/13/14	08/13/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	103	70-125		%	08/13/14	08/13/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	91.2	72-133		%	08/13/14	08/13/14
BLANK	SURROGATE: DIBROMOFLUOROME	101	78-125		%	08/13/14	08/13/14
BLANK	SURROGATE: TOLUENE-D8 (S)	96.5	73-124		%	08/13/14	08/13/14

<p>Quant Method: LALLW.M Run #: 0813L10 Instrument: Loki Sequence: 140812 Initials: SV</p>
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GC SC-Blank-REG MDLs
Printed: 08/26/14 2:04:28 PM

Laboratory Control Spike Recovery

EPA 8260B SOIL

APPL ID: 140815S-00444 LCS - 189087

Batch ID: #8260S-140815AL

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	48.9	97.8	62-125
1,1,1-TRICHLOROETHANE	50.0	51.2	102	65-135
1,1,2,2-TETRACHLOROETHANE	50.0	44.7	89.4	64-135
1,1,2-TRICHLOROETHANE	50.0	48.4	96.8	65-135
1,1-DICHLOROETHANE	50.0	50.0	100	62-135
1,1-DICHLOROETHENE	50.0	54.4	109	65-135
1,2-DICHLOROBENZENE	50.0	45.6	91.2	65-125
1,2-DICHLOROETHANE	50.0	47.5	95.0	60-145
1,2-DICHLOROPROPANE	50.0	48.9	97.8	65-125
1,3-DICHLOROBENZENE	50.0	45.6	91.2	65-135
1,4-DICHLOROBENZENE	50.0	44.7	89.4	65-135
BENZENE	50.0	48.6	97.2	65-135
BROMOBENZENE	50.0	45.2	90.4	55-130
BROMODICHLOROMETHANE	50.0	48.7	97.4	60-135
BROMOFORM	50.0	49.8	99.6	45-150
BROMOMETHANE	50.0	53.5	107	10-180
CARBON TETRACHLORIDE	50.0	54.7	109	55-145
CHLOROBENZENE	50.0	49.4	98.8	65-130
CHLOROETHANE	50.0	54.0	108	20-175
CHLOROFORM	50.0	48.2	96.4	65-135
CHLOROMETHANE	50.0	49.3	98.6	40-140
CIS-1,2-DICHLOROETHENE	50.0	47.1	94.2	55-135
CIS-1,3-DICHLOROPROPENE	50.0	47.7	95.4	65-135
DIBROMOCHLOROMETHANE	50.0	49.7	99.4	63-135
DIBROMOMETHANE	50.0	47.8	95.6	65-135
DICHLORODIFLUOROMETHANE	50.0	55.4	111	15-155
ETHYLBENZENE	50.0	52.8	106	78-127
FREON 113	50.0	58.7	117	71-135
METHYLENE CHLORIDE	50.0	47.1	94.2	40-155
MTBE	50.0	48.2	96.4	65-135
TETRACHLOROETHENE	50.0	51.0	102	55-150

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	LALLS.M
Extraction Date :	08/15/14
Analysis Date :	08/15/14
Instrument :	Loki
Run :	0815L20
Initials :	SV

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APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B SOIL

APPL ID: 140815S-00444 LCS - 189087

Batch ID: #8260S-140815AL

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/Kg	SPK Result ug/Kg	SPK % Recovery	Recovery Limits
TOLUENE	50.0	51.1	102	60-135
TRANS-1,2-DICHLOROETHENE	50.0	49.5	99.0	55-145
TRANS-1,3-DICHLOROPROPENE	50.0	46.8	93.6	55-140
TRICHLOROETHENE	50.0	47.6	95.2	70-130
TRICHLOROFLUOROMETHANE	50.0	55.3	111	10-215
VINYL CHLORIDE	50.0	51.4	103	45-140
XYLENES	150	161	107	70-135

SURROGATE: 1,2-DICHLOROETHANE-	50.3	47.5	94.4	59-120
SURROGATE: 4-BROMOFLUOROBENZ	46.2	52.6	114	82-121
SURROGATE: DIBROMOFLUOROMETH	52.6	50.1	95.3	74-122
SURROGATE: TOLUENE-D8 (S)	51.9	56.6	109	71-127

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	LALLS.M
Extraction Date :	08/15/14
Analysis Date :	08/15/14
Instrument :	Loki
Run :	0815L20
Initials :	SV

Printed: 08/26/14 2:04:31 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140813W-00473 LCS - 189089
 Batch ID: #8260-140813AL1

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	9.66	96.6	73-124
1,1,1-TRICHLOROETHANE	10.00	9.60	96.0	67-125
1,1,2,2-TETRACHLOROETHANE	10.00	9.16	91.6	71-127
1,1,2-TRICHLOROETHANE	10.00	9.15	91.5	74-121
1,1-DICHLOROETHANE	10.00	9.24	92.4	62-132
1,1-DICHLOROETHENE	10.00	8.97	89.7	70-125
1,2-DICHLOROBENZENE	10.00	9.39	93.9	70-129
1,2-DICHLOROETHANE	10.00	9.85	98.5	68-123
1,2-DICHLOROPROPANE	10.00	9.60	96.0	77-125
1,3-DICHLOROBENZENE	10.00	9.67	96.7	69-129
1,4-DICHLOROBENZENE	10.00	9.32	93.2	71-126
BENZENE	10.00	9.26	92.6	68-124
BROMOBENZENE	10.00	9.65	96.5	65-130
BROMODICHLOROMETHANE	10.00	9.49	94.9	69-124
BROMOFORM	10.00	9.28	92.8	67-125
BROMOMETHANE	10.00	9.93	99.3	71-131
CARBON TETRACHLORIDE	10.00	9.55	95.5	70-122
CHLOROBENZENE	10.00	9.44	94.4	72-125
CHLOROETHANE	10.00	9.12	91.2	78-125
CHLOROFORM	10.00	9.30	93.0	69-122
CHLOROMETHANE	10.00	9.76	97.6	71-124
CIS-1,2-DICHLOROETHENE	10.00	9.16	91.6	72-123
CIS-1,3-DICHLOROPROPENE	10.00	9.41	94.1	70-125
DIBROMOCHLOROMETHANE	10.00	9.04	90.4	70-125
DIBROMOMETHANE	10.00	9.00	90.0	66-126
DICHLORODIFLUOROMETHANE	10.00	9.83	98.3	68-131
ETHYL BENZENE	10.00	9.99	99.9	70-123
FREON-113	10.00	9.57	95.7	74-138
METHYLENE CHLORIDE	10.00	9.92	99.2	78-118
MTBE	10.00	8.89	88.9	72-125
TETRACHLOROETHENE	10.00	10.2	102	62-136

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	LALLW.M
Extraction Date :	08/13/14
Analysis Date :	08/13/14
Instrument :	Loki
Run :	0813L06
Initials :	SV

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 APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140813W-00473 LCS - 189089

Batch ID: #8260-140813AL1

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
TOLUENE	10.00	10.2	102	69-122
TRANS-1,2-DICHLOROETHENE	10.00	9.27	92.7	68-126
TRANS-1,3-DICHLOROPROPENE	10.00	9.32	93.2	62-127
TRICHLOROETHENE	10.00	8.99	89.9	70-128
TRICHLOROFLUOROMETHANE	10.00	9.96	99.6	66-132
VINYL CHLORIDE	10.00	9.35	93.5	79-138
XYLENES	30.0	30.2	101	73-145
<hr style="border-top: 1px dashed black;"/>				
SURROGATE: 1,2-DICHLOROETHANE-	25.6	24.1	94.2	70-125
SURROGATE: 4-BROMOFLUOROBENZ	25.5	27.5	108	72-133
SURROGATE: DIBROMOFLUOROMETH	27.0	25.7	95.3	78-125
SURROGATE: TOLUENE-D8 (S)	26.5	27.8	105	73-124

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	LALLW.M
Extraction Date :	08/13/14
Analysis Date :	08/13/14
Instrument :	Loki
Run :	0813L06
Initials :	SV

Printed: 08/26/14 2:04:31 PM

APPL Standard LCS

Method Blank
Gas analysis-soil

Blank Name/QCG: **140813S-00444 - 188808**
Batch ID: #GASS-140813B

APPLJnc.
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	08/14/14	08/14/14
BLANK	SURROGATE: BFB-FID (S)	98.0	76-131		%	08/14/14	08/14/14

Quant Method: HGAS.M
Run #: 0813H24
Instrument: Harpo
Sequence: 140617
Initials: RSA

GC SC-Blank-REG MDLs
Printed: 08/18/14 2:29:58 PM

Laboratory Control Spike Recoveries

Gas analysis-soil

APPL ID: 140814S-00444 LCS - 188808
 Batch ID: #GASS-140813B

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	13400	13200	89.3	88.0	37-150	1.5	25
SURROGATE: BFB-FID (S)	30.0	31.6	31.1	105	104	76-131		

Comments: _____

<u>Primary</u>	<u>SPK</u>	<u>DUP</u>
Quant Method :	HGAS.M	HGAS.M
Extraction Date :	08/14/14	08/14/14
Analysis Date :	08/14/14	08/14/14
Instrument :	Harpo	Harpo
Run :	0813H22	0813H23
Initials :	RSA	

METALS BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date	QC Group
6010B	LEAD (PB)	Not detected	0.5	0.09	mg/kg	08/15/14	08/22/14	#MTL3-140815A-AZ00451
6010B	ANTIMONY (SB)	0.25 J	0.5	0.10	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
6010B	ARSENIC (AS)	0.14 J	0.5	0.09	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
6010B	BARIUM (BA)	Not detected	0.5	0.05	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
6010B	BERYLLIUM (BE)	Not detected	0.2	0.04	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
6010B	CADMIUM (CD)	0.037 J	0.5	0.03	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
6010B	CHROMIUM (CR)	Not detected	0.5	0.03	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
6010B	COBALT (CO)	Not detected	0.5	0.05	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
6010B	COPPER (CU)	Not detected	0.5	0.09	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
6010B	LEAD (PB)	Not detected	0.5	0.09	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
6010B	MOLYBDENUM (MO)	0.12 J	0.5	0.07	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
6010B	NICKEL (NI)	Not detected	0.5	0.07	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
6010B	SELENIUM (SE)	0.34 J	0.5	0.24	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
6010B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
6010B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
6010B	VANADIUM (V)	0.062 J	0.5	0.06	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
6010B	ZINC (ZN)	Not detected	5.0	1.15	mg/kg	08/15/14	08/22/14	#CAMS-140815A-AZ00462
7471A	MERCURY	Not detected	0.1	0.02	mg/Kg	08/15/14	08/20/14	#HGS-140815A-AZ00462
6010B	ANTIMONY (SB)	Not detected	5.0	1.84	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	ARSENIC (AS)	Not detected	5.0	2.45	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	BARIUM (BA)	Not detected	5.0	0.75	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	BERYLLIUM (BE)	Not detected	2.0	0.24	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	CADMIUM (CD)	Not detected	5.0	0.51	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	CHROMIUM (CR)	Not detected	5.0	1.37	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	COBALT (CO)	Not detected	5.0	0.63	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	COPPER (CU)	Not detected	5.0	1.71	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	LEAD (PB)	Not detected	3.0	1.58	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	MOLYBDENUM (MO)	Not detected	5.0	0.53	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	NICKEL (NI)	1.3 J	5.0	0.42	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	SELENIUM (SE)	Not detected	5.0	3.17	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	SILVER (AG)	Not detected	1.0	0.58	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	THALLIUM (TL)	Not detected	5.0	1.77	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	VANADIUM (V)	Not detected	5.0	0.97	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464

J = Estimated value.

METALS BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date	QC Group
6010B	ZINC (ZN)	Not detected	50.0	2.74	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
7470A	MERCURY (HG)	Not detected	0.2	0.06	ug/L	08/20/14	08/28/14	#HG-140820A-AZ00464

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
EPA 6010B	ANTIMONY (SB)	25.0	22.4	89.6	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 6010B	ARSENIC (AS)	25.0	21.5	86.0	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 6010B	BARIUM (BA)	25.0	22.5	90.0	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 6010B	BERYLLIUM (BE)	5.00	4.6	92.0	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 6010B	CADMIUM (CD)	5.00	4.6	92.0	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 6010B	CHROMIUM (CR)	25.0	22.6	90.4	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 6010B	COBALT (CO)	25.0	23.9	95.6	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 6010B	COPPER (CU)	25.0	22.6	90.4	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 6010B	LEAD (PB)	25.0	22.5	90.0	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 6010B	MOLYBDENUM (MO)	25.0	22.6	90.4	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 6010B	NICKEL (NI)	25.0	23.4	93.6	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 6010B	SELENIUM (SE)	25.0	22.1	88.4	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 6010B	SILVER (AG)	10.00	8.9	89.0	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 6010B	THALLIUM (TL)	25.0	23.3	93.2	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 6010B	VANADIUM (V)	25.0	23.5	94.0	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 6010B	ZINC (ZN)	50.0	46.9	93.8	75-125	08/15/14	08/22/14	#CAMS-140815A-AZ00462
EPA 7471A	MERCURY	0.667	0.59	88.5	80-120	08/15/14	08/20/14	#HGS-140815A-AZ00462

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
EPA 6010B	ANTIMONY (SB)	250	243	97.2	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	ARSENIC (AS)	250	236	94.4	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	BARIUM (BA)	250	245	98.0	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	BERYLLIUM (BE)	50.0	51.4	103	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	CADMIUM (CD)	50.0	47.6	95.2	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	CHROMIUM (CR)	250	245	98.0	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	COBALT (CO)	250	248	99.2	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	COPPER (CU)	250	239	95.6	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	LEAD (PB)	250	244	97.6	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	MOLYBDENUM (MO)	250	248	99.2	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	NICKEL (NI)	250	243	97.2	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	SELENIUM (SE)	250	234	93.6	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	SILVER (AG)	100.0	95.6	95.6	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	THALLIUM (TL)	250	250	100	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	VANADIUM (V)	250	256	102	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	ZINC (ZN)	500	497	99.4	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 7470A	MERCURY (HG)	4.00	4.4	110	85-115	08/20/14	08/28/14	#HG-140820A-AZ00464

Comments:

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
EPA 6010B	LEAD (PB)	25.0	22.5	90.0	80-120	08/15/14	08/22/14	#MTL3-140815A-AZ00451

Comments: _____

Matrix Spike Recovery

METALS

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample ID: AZ00462
Client ID: S-9-0.5'

Method	Compound Name	Spike Level mg/Kg	Matrix Result mg/Kg	SPK Result mg/Kg	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group	QC Sample
EPA 7471A	MERCURY	0.635	ND	0.56	88.2	80-120	08/15/14	08/20/14	#HGS-140815A	AZ00462

Comments:

METALS

Sample/Sample Duplicate Results

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

Sample ID: AZ00462
Client ID: S-9-0.5'

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715320 Florence

ARF: 73973

Method	Analyte	Sample ID	Sample Result	Sample Dup Result	RPD	RPD Max	MDL	PQL	Units	Sample Extract Date	Sample Analysis Date	Sample Dup Extract Date	Sample Dup Analysis Date
7471A/7471A	MERCURY	AZ00462	Not detected	Not detected	0.0	20	0.02	0.1	mg/Kg	08/15/14	08/20/14	08/15/14	08/20/14



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

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

CHAIN OF CUSTODY RECORD

C.O.C. 44117

73973
4.02
I 002
YL 8/12/14

Report to: PLEASE PRINT
Company Name: W's Corporation Phone: 559 256-1469
Address: 30 River Park Place West #180
Fresno, CA 93720
Attn: Frank Geyunde

Invoice to: PLEASE PRINT
Company Name: Same Phone: _____
Address: _____
Attn: _____

Project Name/Number	Sampler (Print)	Analysis Requested/Method Number										Date Shipped:			
		Purchase Order Number	Sampler (Signature)	No. of Containers	Matrix			Lead 6010B	Title 22 Metals 6010B	OCs 8081A	Chlor. Herbicides 8151		TPHd/8015m	TPHs/VLs 8160B	PAHs 82105m	Carrier:
Aq	Sed.				Soil	Waybill No.:									
Sample Identification	Location	Date Collected	Time Collected	Time Zone											Comments:
S-1-0.5'	Florence	8/12/14	0900	Pac	10			X	X	X	X	X	X		Five Lab Duplicate
S-1-2.5'			0920		4			X	X	X	X	X			
S-2-0.5'			0940		5			X	X	X	X	X			
S-2-2.5'			0955		4			X	X	X	X	X			
S-3-0.5'			1032		5			X	X	X	X	X			
S-3-2.5'			1045		4			X	X	X	X	X			
S-4-0.5'			1100		2		X		X						
S-4-2.5'			1115		1		X		X	X					
S-5-0.5'			1130		2		X		X	X					
S-5-2.5'			1140		1		X		X	X					
S-6-0.5'			1300		2		X		X	X					

Shuttle Temperature: _____ Turnaround Requested: Check one
 Standard 2-3 wk One week 24/48 Hrs. Other
 Sample Disposal: Return to client Disposal by Lab (30-day retention)
 Relinquished by sampler: _____ Date: 8/12/14 Time: 1510 Received by: Chad Neptune
 Relinquished by: _____ Date: 8/12/14 Time: 1515 Received at lab by: Yang Zou

White: Return to client with report Yellow: Laboratory Copy Pink: Sampler
 See reverse side for Container Preservation and Sampling Information



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

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

CHAIN OF CUSTODY RECORD

C.O.C. 44118

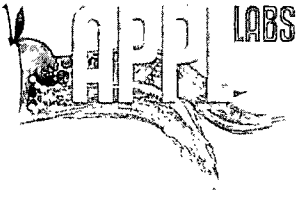
2 of 2

Report to: PLEASE PRINT	Invoice to: PLEASE PRINT
Company Name: <u>URS Corp</u> Phone: <u>559 256 1468</u>	Company Name: <u>Same</u> Phone: _____
Address: <u>30 River Park Place West #180</u> <u>Fresno, CA</u> Fax: _____	Address: _____ Fax: _____
Attn: <u>Frank Gefunde</u>	Attn: _____

Project Name/Number	Sampler (Print)	Analysis Requested/Method Number					Date Shipped:					
		Carrier:	Waybill No.:	Comments:								
Purchase Order Number	Sampler (Signature)	No. of Containers	Matrix			Lead	TAP-22 metals 6010B	OC6 8081A	Chlor. Herbicides 8151	TAP-10/2015M	TPH/VOCs 8220B	PAHs 8270 Sim
Sample Identification	Location		Aq	Sed.	Soil							
Date Collected	Time Collected	Time Zone										
S-6-2.5'	Florence	8/12/14	1310	PST	1		X	X	X			
S-7-0.5'			1325	PST	2		X	X	X			
S-7-2.5'			1335	PST	1		X	X	X			
S-8-0.5'			1350	PST	1		X	X	X			Lab Duplicate
S-8-2.5'			1400	PST	1		X	X	X			
S-9-0.5'			1420	PST	2		X	X	X			
S-9-2.5'			1440	PST	1		X	X	X			
MW-1			1500	PST	3	X	X		X	X	X	

Shuttle Temperature:	Turnaround Requested: Check one <input checked="" type="checkbox"/> Standard 2-3 wk <input type="checkbox"/> One week <input type="checkbox"/> 24/48 Hrs. <input type="checkbox"/> Other	Sample Disposal: <input type="checkbox"/> Return to client <input checked="" type="checkbox"/> Disposal by Lab (30-day retention)
Relinquished by sampler: <u>[Signature]</u>	Date: <u>8/12/14</u> Time: <u>1510</u>	Received by: <u>Chad Neptune</u>
Relinquished by:	Date: <u>8/12/14</u> Time: <u>1515</u>	Received at lab by: <u>Yang Z</u>

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)

October 2, 2014

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

Attn: Frank Gegunde

Subject: Report of Data: Case 73973 **Addendum**

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:

Twenty-two samples for project "18715320 Florence" were received August 12, 2014, in good condition. Nine samples were placed on hold and the VOC and TPH-Gas analyses on sample MW-1 were cancelled, as instructed.

ADDENDUM: On September 10, 2014, nine samples were taken off hold for EPA 8081A and lead analysis; three samples were taken off hold for TPH-Diesel and Motor Oil and PAH analysis. The request for EPA 8081A, TPH-Diesel and Motor Oil and PAH analysis was added more than 14 days after collection. Written results are being provided on this October 2, 2014, for the added analyses.

For the EPA 8015B TPH-Diesel and Motor Oil analysis, the soil samples were extracted according to EPA method 3550B.

For the EPA 8081A analysis, the soil samples were extracted according to EPA method 3550B. Endrin recovered high in the lab control spike and one surrogate was high in sample S-3-2.5". All other surrogate and spike recoveries were acceptable.

For the EPA 8270C-SIM analysis, the soil samples were extracted according to EPA method 3550B. For the 140910A LCS, twelve analytes recovered above the upper control limits. No target analyte was detected in the associated samples.

For the EPA 6010B analysis, the soil samples were digested according to EPA method 3050B.

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: 18715320 Florence

Sample ID: S-1-2.5'
Sample Collection Date: 8/12/2014

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973

APPL ID: AZ00446

QCG: #TPHDS-140910A-190424

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	Not detected	1000	646.0	ug/kg	09/10/14	09/25/14
EPA 8015B-	MOTOR OIL	Not detected	10000	3510.0	ug/kg	09/10/14	09/25/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	76.6	47-140		%	09/10/14	09/25/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	76.6	58-128		%	09/10/14	09/25/14

Quant Method: TPHD707.M
Run #: 922068
Instrument: Apollo
Sequence: 140922
Dilution Factor: 1
Initials: LA

Printed: 10/2/2014 9:14:07 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: 18715320 Florence

Sample ID: S-2-2.5'
Sample Collection Date: 8/12/2014

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973
APPL ID: AZ00448
QCG: #TPHDS-140910A-190424

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	Not detected	1000	646.0	ug/kg	09/10/14	09/25/14
EPA 8015B-	MOTOR OIL	Not detected	10000	3510.0	ug/kg	09/10/14	09/25/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	82.6	47-140		%	09/10/14	09/25/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	78.4	58-128		%	09/10/14	09/25/14

Quant Method: TPHD707.M
Run #: 922069
Instrument: Apollo
Sequence: 140922
Dilution Factor: 1
Initials: LA

Printed: 10/2/2014 9:14:07 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: 18715320 Florence

Sample ID: S-3-2.5'
Sample Collection Date: 8/12/2014

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73973
APPL ID: AZ00450
QCG: #TPHDS-140910A-190424

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	Not detected	1000	646.0	ug/kg	09/10/14	09/25/14
EPA 8015B-	MOTOR OIL	Not detected	10000	3510.0	ug/kg	09/10/14	09/25/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	77.8	47-140		%	09/10/14	09/25/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	76.8	58-128		%	09/10/14	09/25/14

Quant Method: TPHD707.M
Run #: 922070
Instrument: Apollo
Sequence: 140922
Dilution Factor: 1
Initials: LA

Printed: 10/2/2014 9:14:07 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-1-2.5'

Sample Collection Date: 8/12/2014

ARF: 73973

APPL ID: AZ00446

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	Not detected	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	88.5	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	68.5	25-147		%	09/10/14	09/26/14

Quant Method: OCL0919.M
Run #: 0923128
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:18:41 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-2-2.5'

Sample Collection Date: 8/12/2014

ARF: 73973

APPL ID: AZ00448

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	Not detected	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	95.9	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	75.1	25-147		%	09/10/14	09/26/14

Quant Method: OCL0919.M
Run #: 0923129
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:18:41 PM

APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-3-2.5'

Sample Collection Date: 8/12/2014

ARF: 73973

APPL ID: AZ00450

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	Not detected	50.0	1.60	ug/kg	09/10/14	09/29/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	09/10/14	09/29/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/29/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/29/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/29/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/29/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/29/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/29/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/29/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/29/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/29/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/29/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/29/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/29/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/29/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/29/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/29/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/29/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/29/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/29/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/29/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	180 #	44-147		%	09/10/14	09/29/14
EPA 8081A	SURROGATE: TCMX (S)	92.2	25-147		%	09/10/14	09/29/14

= Recovery (or RPD) is outside QC limits.

Quant Method: OCL0919.M
Run #: 0923182
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 4:35:52 PM

APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-4-2.5'

Sample Collection Date: 8/12/2014

ARF: 73973

APPL ID: AZ00452

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	Not detected	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	88.0	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	67.3	25-147		%	09/10/14	09/26/14

Quant Method: OCL0919.M
Run #: 0923130
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:18:41 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-5-2.5'

Sample Collection Date: 8/12/2014

ARF: 73973

APPL ID: AZ00454

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	Not detected	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	86.6	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	67.6	25-147		%	09/10/14	09/26/14

Quant Method: OCL0919.M
Run #: 0923131
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:18:41 PM

APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-6-2.5'

Sample Collection Date: 8/12/2014

ARF: 73973

APPL ID: AZ00456

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	50	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	15 J	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	49 J	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	76.4	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	66.0	25-147		%	09/10/14	09/26/14

J = Estimated value.

Quant Method: OCL0919.M
Run #: 0923132
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:18:41 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-7-2.5'

Sample Collection Date: 8/12/2014

ARF: 73973

APPL ID: AZ00458

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	13 J	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	4.4 J	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	90.0	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	68.9	25-147		%	09/10/14	09/26/14

J = Estimated value.

Quant Method: OCL0919.M
Run #: 0923133
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:18:41 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-8-2.5'

Sample Collection Date: 8/12/2014

ARF: 73973

APPL ID: AZ00461

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	Not detected	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	95.9	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	66.8	25-147		%	09/10/14	09/26/14

Quant Method: OCL0919.M
Run #: 0923134
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:18:41 PM

APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-9-2.5'

Sample Collection Date: 8/12/2014

ARF: 73973

APPL ID: AZ00463

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	74	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	21 J	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	90.0	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	70.5	25-147		%	09/10/14	09/26/14

J = Estimated value.

Quant Method: OCL0919.M
Run #: 0923135
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:18:41 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: 18715320 Florence

Sample ID: S-1-2.5'

Sample Collection Date: 8/12/14

ARF: 73973

APPL ID: AZ00446

QCG: #SIMS-140910A-189880

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	09/10/14	09/15/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	09/10/14	09/15/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	09/10/14	09/15/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	09/10/14	09/15/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	09/10/14	09/15/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	09/10/14	09/15/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	09/10/14	09/15/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	09/10/14	09/15/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	09/10/14	09/15/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	09/10/14	09/15/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	09/10/14	09/15/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	09/10/14	09/15/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	09/10/14	09/15/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	09/10/14	09/15/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	09/10/14	09/15/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	09/10/14	09/15/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	09/10/14	09/15/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	52.4	45-105		%	09/10/14	09/15/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	38.9	35-100		%	09/10/14	09/15/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	86.6	30-125		%	09/10/14	09/15/14

Quant Method: SIM.M
Run #: 0914L010
Instrument: Linus
Sequence: L140821
Dilution Factor: 1
Initials: LF

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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: 18715320 Florence

ARF: 73973

Sample ID: S-2-2.5'
Sample Collection Date: 8/12/14

APPL ID: AZ00448
QCG: #SIMS-140916A-189833

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	09/16/14	09/16/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	09/16/14	09/16/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	09/16/14	09/16/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	09/16/14	09/16/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	09/16/14	09/16/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	09/16/14	09/16/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	09/16/14	09/16/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	09/16/14	09/16/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	09/16/14	09/16/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	09/16/14	09/16/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	09/16/14	09/16/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	09/16/14	09/16/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	09/16/14	09/16/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	09/16/14	09/16/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	09/16/14	09/16/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	09/16/14	09/16/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	09/16/14	09/16/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	52.9	45-105		%	09/16/14	09/16/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	58.3	35-100		%	09/16/14	09/16/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	70.4	30-125		%	09/16/14	09/16/14

Quant Method: SIM.M
Run #: 0916L006
Instrument: Linus
Sequence: L140821
Dilution Factor: 1
Initials: LF

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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: 18715320 Florence

Sample ID: S-3-2.5'

Sample Collection Date: 8/12/14

ARF: 73973

APPL ID: AZ00450

QCG: #SIMS-140910A-189880

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	5.0	0.94	ug/kg	09/10/14	09/15/14
8270C-SIM	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	09/10/14	09/15/14
8270C-SIM	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	09/10/14	09/15/14
8270C-SIM	ANTHRACENE	Not detected	5.0	0.83	ug/kg	09/10/14	09/15/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	09/10/14	09/15/14
8270C-SIM	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	09/10/14	09/15/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	09/10/14	09/15/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	09/10/14	09/15/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	09/10/14	09/15/14
8270C-SIM	CHRYSENE	Not detected	5.0	0.85	ug/kg	09/10/14	09/15/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	09/10/14	09/15/14
8270C-SIM	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	09/10/14	09/15/14
8270C-SIM	FLUORENE	Not detected	5.0	1.00	ug/kg	09/10/14	09/15/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	09/10/14	09/15/14
8270C-SIM	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	09/10/14	09/15/14
8270C-SIM	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	09/10/14	09/15/14
8270C-SIM	PYRENE	Not detected	5.0	1.24	ug/kg	09/10/14	09/15/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	52.7	45-105		%	09/10/14	09/15/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	50.6	35-100		%	09/10/14	09/15/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	80.3	30-125		%	09/10/14	09/15/14

Quant Method: SIM.M
Run #: 0914L012
Instrument: Linus
Sequence: L140821
Dilution Factor: 1
Initials: LF

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APPL-F1-SC-NoMC-REG MDLs

Metals Results

ARF: 73973

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: AZ00446 -Client Sample ID: S-1-2.5'							-Sample Collection Date: 08/12/14 Project: 18715320 Florence	
6010B	LEAD (PB)	14.2	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00448 -Client Sample ID: S-2-2.5'							-Sample Collection Date: 08/12/14 Project: 18715320 Florence	
6010B	LEAD (PB)	3.1	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00450 -Client Sample ID: S-3-2.5'							-Sample Collection Date: 08/12/14 Project: 18715320 Florence	
6010B	LEAD (PB)	2.2	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00452 -Client Sample ID: S-4-2.5'							-Sample Collection Date: 08/12/14 Project: 18715320 Florence	
6010B	LEAD (PB)	4.7	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00454 -Client Sample ID: S-5-2.5'							-Sample Collection Date: 08/12/14 Project: 18715320 Florence	
6010B	LEAD (PB)	6.8	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00456 -Client Sample ID: S-6-2.5'							-Sample Collection Date: 08/12/14 Project: 18715320 Florence	
6010B	LEAD (PB)	9.2	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00458 -Client Sample ID: S-7-2.5'							-Sample Collection Date: 08/12/14 Project: 18715320 Florence	
6010B	LEAD (PB)	3.4	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00461 -Client Sample ID: S-8-2.5'							-Sample Collection Date: 08/12/14 Project: 18715320 Florence	
6010B	LEAD (PB)	2.5	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00463 -Client Sample ID: S-9-2.5'							-Sample Collection Date: 08/12/14 Project: 18715320 Florence	
6010B	LEAD (PB)	5.4	0.5	0.09	mg/kg	1	10/01/14	10/01/14

Method Blank
TPH Diesel Soil EPA 8015B

Blank Name/QCG: **140910S-00446 - 190424**
Batch ID: #TPHDS-140910A

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	9/10/2014	9/25/2014
BLANK	MOTOR OIL	Not detected	10000	3510.0	ug/kg	9/10/2014	9/25/2014
BLANK	SURROGATE: OCTACOSANE (S)	82.2	47-140		%	9/10/2014	9/25/2014
BLANK	SURROGATE: ORTHO-TERPHENYL (	81.9	58-128		%	9/10/2014	9/25/2014

Quant Method: TPHD707.M
Run #: 922065
Instrument: Apollo
Sequence: 140922
Initials: LA

GC SC-Blank-REG MDLs
Printed: 10/2/2014 9:14:12 AM

Laboratory Control Spike Recovery
TPH Diesel Soil EPA 8015B

APPL ID: **140910S-00446 LCS - 190424**
 Batch ID: #TPHDS-140910A

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	33400	83.5	64-122
MOTOR OIL	40000	32300	80.8	50-150
<hr style="border-top: 1px dashed black;"/>				
SURROGATE: OCTACOSANE (S)	3000	2540	84.7	47-140
SURROGATE: ORTHO-TERPHENYL (S)	3000	3050	102	58-128

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	TPHD707.M
Extraction Date :	9/10/2014
Analysis Date :	9/25/2014
Instrument :	Apollo
Run :	922066
Initials :	LA

Printed: 10/2/2014 9:14:04 AM
 APPL Standard LCS

Method Blank

EPA 8081A OCL SOIL

Blank Name/QCG: **140910S-00446 - 190283**
 Batch ID: #8081S-140910A

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	4,4'-DDE	Not detected	50.0	1.60	ug/kg	9/10/2014	9/26/2014
BLANK	4,4'-DDT	Not detected	50.0	0.40	ug/kg	9/10/2014	9/26/2014
BLANK	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	9/10/2014	9/26/2014
BLANK	A-BHC	Not detected	50.0	1.00	ug/kg	9/10/2014	9/26/2014
BLANK	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	9/10/2014	9/26/2014
BLANK	ALDRIN	Not detected	50.0	1.40	ug/kg	9/10/2014	9/26/2014
BLANK	B-BHC	Not detected	50.0	1.00	ug/kg	9/10/2014	9/26/2014
BLANK	D-BHC	Not detected	50.0	1.10	ug/kg	9/10/2014	9/26/2014
BLANK	DIELDRIN	Not detected	50.0	1.10	ug/kg	9/10/2014	9/26/2014
BLANK	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	9/10/2014	9/26/2014
BLANK	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	9/10/2014	9/26/2014
BLANK	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	9/10/2014	9/26/2014
BLANK	ENDRIN	Not detected	50.0	1.10	ug/kg	9/10/2014	9/26/2014
BLANK	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	9/10/2014	9/26/2014
BLANK	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	9/10/2014	9/26/2014
BLANK	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	9/10/2014	9/26/2014
BLANK	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	9/10/2014	9/26/2014
BLANK	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	9/10/2014	9/26/2014
BLANK	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	9/10/2014	9/26/2014
BLANK	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	9/10/2014	9/26/2014
BLANK	TOXAPHENE	Not detected	1000	15.7	ug/kg	9/10/2014	9/26/2014
BLANK	SURROGATE: DECACHLOROBIPHEN	86.9	44-147		%	9/10/2014	9/26/2014
BLANK	SURROGATE: TCMX (S)	66.9	25-147		%	9/10/2014	9/26/2014

Quant Method: OCL0919.M
Run #: 0923125
Instrument: Ethel
Sequence: 140923
Initials: DA

GC SC-Blank-REG MDLs
 Printed: 9/29/2014 2:25:14 PM

Laboratory Control Spike Recovery

EPA 8081A OCL SOIL

APPL ID: 140910S-00446 LCS - 190283

Batch ID: #8081S-140910A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
4,4'-DDE	100	114	114	55-124
4,4'-DDT	100	105	105	48-138
4,4'-TDE/DDD	100	122	122	53-130
A-BHC	100	106	106	44-131
A-CHLORDANE	100	123	123	51-125
ALDRIN	100	110	110	45-124
B-BHC	100	70.1	70.1	58-131
D-BHC	100	101	101	40-136
DIELDRIN	100	117	117	58-127
ENDOSULFAN I	100	123	123	66-124
ENDOSULFAN II	100	118	118	54-131
ENDOSULFAN SULFATE	100	126	126	49-134
ENDRIN	100	153	153 #	49-143
ENDRIN ALDEHYDE	100	109	109	25-125
ENDRIN KETONE	100	125	125	46-129
G-BHC (LINDANE)	100	112	112	53-129
G-CHLORDANE	100	120	120	52-123
HEPTACHLOR	100	122	122	48-133
HEPTACHLOR EPOXIDE	100	123	123	53-124
METHOXYCHLOR	100	127	127	51-140
TOXAPHENE	1670	1520	91.0	52-122

SURROGATE: DECACHLOROBIPHENYL	333	303	91.0	44-147
SURROGATE: TCMX (S)	333	240	72.1	25-147

= Recovery is outside QC limits.

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	OCL0919.M
Extraction Date :	9/10/2014
Analysis Date :	9/26/2014
Instrument :	Ethel
Run :	0923126
Initials :	DA

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APPL Standard LCS

Method Blank
EPA 8270C - SOLID

Blank Name/QCG: **140916S-02078 - 189833**
Batch ID: #SIMS-140916A

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	9/16/14	9/16/14
BLANK	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	9/16/14	9/16/14
BLANK	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	9/16/14	9/16/14
BLANK	ANTHRACENE	Not detected	5.0	0.83	ug/kg	9/16/14	9/16/14
BLANK	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	9/16/14	9/16/14
BLANK	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	9/16/14	9/16/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	9/16/14	9/16/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	9/16/14	9/16/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	9/16/14	9/16/14
BLANK	CHRYSENE	Not detected	5.0	0.85	ug/kg	9/16/14	9/16/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	9/16/14	9/16/14
BLANK	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	9/16/14	9/16/14
BLANK	FLUORENE	Not detected	5.0	1.00	ug/kg	9/16/14	9/16/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	9/16/14	9/16/14
BLANK	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	9/16/14	9/16/14
BLANK	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	9/16/14	9/16/14
BLANK	PYRENE	Not detected	5.0	1.24	ug/kg	9/16/14	9/16/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	48.6	45-105		%	9/16/14	9/16/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	36.6	35-100		%	9/16/14	9/16/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	66.0	30-125		%	9/16/14	9/16/14

Quant Method: SIM.M
Run #: 0916L003
Instrument: Linus
Sequence: L140821
Initials: LF

GC SC-Blank-REG MDLs
Printed: 9/17/14 7:01:28 PM

Method Blank
EPA 8270C - SOLID

Blank Name/QCG: **140910S-00446 - 189880**
Batch ID: #SIMS-140910A

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	9/10/14	9/15/14
BLANK	ACENAPHTHENE	Not detected	5.0	0.97	ug/kg	9/10/14	9/15/14
BLANK	ACENAPHTHYLENE	Not detected	5.0	0.89	ug/kg	9/10/14	9/15/14
BLANK	ANTHRACENE	Not detected	5.0	0.83	ug/kg	9/10/14	9/15/14
BLANK	BENZ(A)ANTHRACENE	Not detected	5.0	0.91	ug/kg	9/10/14	9/15/14
BLANK	BENZO(A)PYRENE	Not detected	5.0	0.93	ug/kg	9/10/14	9/15/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	5.0	1.11	ug/kg	9/10/14	9/15/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	5.0	1.34	ug/kg	9/10/14	9/15/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	5.0	1.04	ug/kg	9/10/14	9/15/14
BLANK	CHRYSENE	Not detected	5.0	0.85	ug/kg	9/10/14	9/15/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	5.0	0.92	ug/kg	9/10/14	9/15/14
BLANK	FLUORANTHENE	Not detected	5.0	1.20	ug/kg	9/10/14	9/15/14
BLANK	FLUORENE	Not detected	5.0	1.00	ug/kg	9/10/14	9/15/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	5.0	0.90	ug/kg	9/10/14	9/15/14
BLANK	NAPHTHALENE	Not detected	5.0	0.89	ug/kg	9/10/14	9/15/14
BLANK	PHENANTHRENE	Not detected	5.0	1.10	ug/kg	9/10/14	9/15/14
BLANK	PYRENE	Not detected	5.0	1.24	ug/kg	9/10/14	9/15/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	82.8	45-105		%	9/10/14	9/15/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	43.6	35-100		%	9/10/14	9/15/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	108	30-125		%	9/10/14	9/15/14

Quant Method: SIM.M
Run #: 0914L008
Instrument: Linus
Sequence: L140821
Initials: LF

GC SC-Blank-REG MDLs
Printed: 9/17/14 7:01:28 PM

Laboratory Control Spike Recovery

EPA 8270C - SOLID

APPL ID: **140910S-00446 LCS - 189880**

Batch ID: #SIMS-140910A

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	144	108 #	45-105
ACENAPHTHENE	133	161	121 #	45-110
ACENAPHTHYLENE	133	150	113 #	45-105
ANTHRACENE	133	178	134 #	55-105
BENZ(A)ANTHRACENE	133	149	112 #	50-110
BENZO(A)PYRENE	133	162	122 #	50-110
BENZO(B)FLUORANTHENE	133	139	105	45-115
BENZO(G,H,I)PERYLENE	133	142	107	40-125
BENZO(K)FLUORANTHENE	133	196	147 #	45-125
CHRYSENE	133	190	143 #	55-110
DIBENZ(A,H)ANTHRACENE	133	124	93.2	40-125
FLUORANTHENE	133	193	145 #	55-115
FLUORENE	133	169	127 #	50-110
INDENO(1,2,3-CD)PYRENE	133	137	103	40-120
NAPHTHALENE	133	117	88.0	40-105
PHENANTHRENE	133	173	130 #	50-110
PYRENE	133	182	137 #	45-125

SURROGATE: 2-FLUORBIPHENYL (S)	66.3	65.6	98.9	45-105
SURROGATE: NITROBENZENE-D5 (S)	66.3	37.8	57.0	35-100
SURROGATE: TERPHENYL-D14 (S)	66.3	71.4	108	30-125

= Recovery is outside QC limits.

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	SIM.M
Extraction Date :	9/10/14
Analysis Date :	9/15/14
Instrument :	Linus
Run :	0914L009
Initials :	LF

Printed: 9/17/14 7:01:30 PM

APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8270C - SOLID

APPL ID: 140916S-02078 LCS - 189833

Batch ID: #SIMS-140916A

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	106	79.7	45-105
ACENAPHTHENE	133	117	88.0	45-110
ACENAPHTHYLENE	133	105	78.9	45-105
ANTHRACENE	133	122	91.7	55-105
BENZ(A)ANTHRACENE	133	111	83.5	50-110
BENZO(A)PYRENE	133	105	78.9	50-110
BENZO(B)FLUORANTHENE	133	132	99.2	45-115
BENZO(G,H,I)PERYLENE	133	118	88.7	40-125
BENZO(K)FLUORANTHENE	133	97.2	73.1	45-125
CHRYSENE	133	108	81.2	55-110
DIBENZ(A,H)ANTHRACENE	133	118	88.7	40-125
FLUORANTHENE	133	134	101	55-115
FLUORENE	133	115	86.5	50-110
INDENO(1,2,3-CD)PYRENE	133	121	91.0	40-120
NAPHTHALENE	133	64.1	48.2	40-105
PHENANTHRENE	133	118	88.7	50-110
PYRENE	133	121	91.0	45-125

SURROGATE: 2-FLUORBIPHENYL (S)	66.5	43.9	66.0	45-105
SURROGATE: NITROBENZENE-D5 (S)	66.5	29.5	44.4	35-100
SURROGATE: TERPHENYL-D14 (S)	66.5	52.3	78.6	30-125

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	SIM.M
Extraction Date :	9/16/14
Analysis Date :	9/16/14
Instrument :	Linus
Run :	0916L004
Initials :	LF

Printed: 9/17/14 7:01:30 PM

APPL Standard LCS

METALS BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date	QC Group
6010B	LEAD (PB)	0.18 J	0.5	0.09	mg/kg	10/01/14	10/01/14	#MTL3-141001A-AZ00578

J = Estimated value.

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
EPA 6010B	LEAD (PB)	25.0	24.1	96.4	80-120	10/01/14	10/01/14	#MTL3-141001A-AZ00578

Comments: _____



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

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

CHAIN OF CUSTODY RECORD

C.O.C. 44117

73973
4.02
1002
YL 8/12/14

Report to: PLEASE PRINT
Company Name: W's Corporation Phone: 559 256-1469
Address: 30 River Park Place West #180
Fresno, CA 93720 Fax: _____
Attn: Frank Geyande

Invoice to: PLEASE PRINT
Company Name: Same Phone: _____
Address: _____ Fax: _____
Attn: _____

Project Name/Number <u>Florence</u>	Sampler (Print) <u>Tom Bender</u>	Analysis Requested/Method Number										Date Shipped:		
		Purchase Order Number <u>18715320</u>	Sampler (Signature) 	No. of Containers	Matrix			Lead 6010B	Tille 22 Metals 6010B	OCs 8081A	Chlor. Herbicides 8151		TPH/d 8015m	TPH/VOCs 8110B	PAHs 82105m	Carrier:
Aq	Sed.				Soil	Waybill No.:								
Sample Identification	Location	Date Collected	Time Collected	Time Zone										Comments:
S-1-0.5'	Florence	8/12/14	0900	Pac	10			X	X	X	X	X	X	Please Lab Duplicate
S-1-2.5'			0920		4			X	X	X	X	X		
S-2-0.5'			0940		5			X	X	X	X	X		
S-2-2.5'			0955		4			X	X	X	X	X		
S-3-0.5'			1032		5			X	X	X	X	X		
S-3-2.5'			1045		4			X	X	X	X	X		
S-4-0.5'			1100		2		X		X					
S-4-2.5'			1115		1		X		X					
S-5-0.5'			1130		2		X		X					
S-5-2.5'			1140		1		X		X					
S-6-0.5'			1300		2		X		X					

Shuttle Temperature: _____ Turnaround Requested: Check one
 Standard 2-3 wk One week 24/48 Hrs. Other

Sample Disposal:
 Return to client Disposal by Lab (30-day retention)

Relinquished by sampler:
 Date: 8/12/14 Time: 1510 Received by: Chad Neptune

Relinquished by: Chad Neptune Date: 8/12/14 Time: 1515 Received by: _____
 Relinquished by: _____ Date: 8/12/14 Time: 15:15 Received at lab by: Yang Ton

White: Return to client with report
 Yellow: Laboratory Copy
 Pink: Sampler
 See reverse side for Container Preservation and Sampling Information



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

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

CHAIN OF CUSTODY RECORD

C.O.C. 44118

2 of 2

Report to: PLEASE PRINT
Company Name: WKS Corp Phone: 559 256 1468
Address: 30 River Park Place West #180
Fresno, CA
Attn: Frank Gefunde

Invoice to: PLEASE PRINT
Company Name: Same Phone: _____
Address: _____
Attn: _____

Project Name/Number	Sampler (Print)	Analysis Requested/Method Number										Date Shipped:				
		Purchase Order Number	Sampler (Signature)	No. of Containers	Matrix			Lead	TAP-22 metals 6100B	ACS 8081A	Chlor. Herbicides 8151		TAP-10/2015 m	TPH/VOCs 8220B	PAHs 8270 Sim	Carrier:
Aq	Sed.				Soil	Waybill No.:										
Sample Identification	Location	Date Collected	Time Collected	Time Zone											Comments:	
<u>Florence</u>	<u>Tom Pender</u>															
<u>18715320</u>																
<u>S-6-2.5'</u>	<u>Florence</u>	<u>8/12/14</u>	<u>1310</u>	<u>PST</u>	<u>1</u>			<u>X</u>		<u>X</u>	<u>X</u>					
<u>S-7-0.5'</u>	↓	↓	<u>1325</u>	<u>2</u>	<u>2</u>					<u>X</u>	<u>X</u>	<u>X</u>				
<u>S-7-2.5'</u>	↓	↓	<u>1335</u>	<u>1</u>	<u>1</u>					<u>X</u>	<u>X</u>	<u>X</u>				
<u>S-8-0.5'</u>	↓	↓	<u>1350</u>	<u>2</u>	<u>2</u>					<u>X</u>	<u>X</u>	<u>X</u>				<u>Lab Duplicate</u>
<u>S-8-2.5'</u>	↓	↓	<u>1400</u>	<u>1</u>	<u>1</u>					<u>X</u>	<u>X</u>	<u>X</u>				
<u>S-9-0.5'</u>	↓	↓	<u>1420</u>	<u>2</u>	<u>2</u>					<u>X</u>	<u>X</u>	<u>X</u>				
<u>S-9-2.5'</u>	↓	↓	<u>1440</u>	<u>1</u>	<u>1</u>					<u>X</u>	<u>X</u>	<u>X</u>				
<u>MW-1</u>	↓	↓	<u>1500</u>	<u>3</u>	<u>3</u>	<u>X</u>				<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
Shuttle Temperature:		Turnaround Requested: Check one <input checked="" type="checkbox"/> Standard 2-3 wk <input type="checkbox"/> One week <input type="checkbox"/> 24/48 Hrs. <input type="checkbox"/> Other			Sample Disposal: <input type="checkbox"/> Return to client <input checked="" type="checkbox"/> Disposal by Lab (30-day retention)											
Relinquished by sampler:		Date	Time	Received by:		Relinquished by:		Date	Time	Received by:						
		<u>8/12/14</u>	<u>1510</u>	<u>Chad Neptune</u>		<u>Chad Neptune</u>		<u>8/12/14</u>	<u>1515</u>	<u>Yang Zr</u>						
Relinquished by:		Date	Time	Received by:		Relinquished by:		Date	Time	Received at lab by:						
								<u>8/12/14</u>	<u>1515</u>	<u>Yang Zr</u>						



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)

September 9, 2014

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

Attn: Frank Gegunde

Subject: Report of Data: Case 73983

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:

Twenty-two samples for project "18715320 Florence" were received August 13, 2014, in good condition. Nine samples were placed on hold, upon receipt. Written results are being provided on this September 9, 2014, for the requested analyses. All holding times were met.

For the EPA 8015B TPH-Diesel and Motor Oil analysis, the water sample was extracted according to EPA method 3510C.

For the EPA 8081A 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 8151A analysis, the samples were extracted according to the method.

For the EPA 8270C-SIM analysis, the water sample was extracted according to EPA method 3510C.

For the EPA 8260B analysis, the sample was purged according to EPA method 5030B.

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

For the EPA 6010B analysis, the soil samples were digested according to EPA method 3050B and the water sample was digested according to EPA method 3010C.

For the EPA 7470A and 7471B analysis, the soil samples were digested and analyzed according to the methods. In the soil lab control spike and matrix spike, mercury recovers above the 120% upper control limit. Mercury was not detected in the soil samples, and all other spike recoveries were acceptable.

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_____

EPA 8015B TPH DIESEL MO

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

Attn: Frank Gegunde
Project: 18715320 Florence

Sample ID: MW-2
Sample Collection Date: 8/13/2014

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73983
APPL ID: AZ00579
QCG: #TPHO-140814A-188990

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8015B-	DIESEL FUEL	Not detected	50.0	40.40	ug/L	08/14/14	08/19/14
EPA 8015B-	MOTOR OIL	Not detected	500	106.0	ug/L	08/14/14	08/19/14
EPA 8015B-	SURROGATE: OCTACOSANE (S)	60.4	28-142		%	08/14/14	08/19/14
EPA 8015B-	SURROGATE: ORTHO-TERPHENYL (	73.4	45-145		%	08/14/14	08/19/14

Quant Method: TPHD707.M
Run #: 818023
Instrument: Apollo
Sequence: 140818
Dilution Factor: 1
Initials: LA

Printed: 8/24/2014 12:21:14 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-10-0.5'

Sample Collection Date: 8/13/2014

ARF: 73983

APPL ID: AZ00558

QCG: #8081S-140818D-189572

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	45 J	50.0	1.60	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-DDT	14 J	50.0	0.40	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/28/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN	4.2 J	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/28/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/28/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/28/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	96.0	44-147		%	08/18/14	08/28/14
EPA 8081A	SURROGATE: TCMX (S)	98.7	25-147		%	08/18/14	08/28/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822280
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 11:23:04 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73983

Sample ID: S-11-0.5'

APPL ID: AZ00560

Sample Collection Date: 8/13/2014

QCG: #8081S-140818D-189572

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	4.8 J	50.0	1.60	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-DDT	4.5 J	50.0	0.40	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/28/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/28/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/28/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/28/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	94.0	44-147		%	08/18/14	08/28/14
EPA 8081A	SURROGATE: TCMX (S)	99.1	25-147		%	08/18/14	08/28/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822281
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 11:23:04 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-11-0.5' DUP

Sample Collection Date: 8/13/2014

ARF: 73983

APPL ID: AZ00561

QCG: #8081S-140818D-189572

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	4.7 J	50.0	1.60	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-DDT	4.1 J	50.0	0.40	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/28/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/28/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/28/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/28/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	91.9	44-147		%	08/18/14	08/28/14
EPA 8081A	SURROGATE: TCMX (S)	96.1	25-147		%	08/18/14	08/28/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822286
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 11:23:04 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-12-0.5'

Sample Collection Date: 8/13/2014

ARF: 73983

APPL ID: AZ00563

QCG: #8081S-140818D-189572

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	47 J	50.0	1.60	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-DDT	14 J	50.0	0.40	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/28/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN	3.1 J	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/28/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/28/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/28/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	69.4	44-147		%	08/18/14	08/28/14
EPA 8081A	SURROGATE: TCMX (S)	70.2	25-147		%	08/18/14	08/28/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822287
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 11:23:04 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73983

Sample ID: S-13-0.5'
Sample Collection Date: 8/13/2014

APPL ID: AZ00565
QCG: #8081S-140818D-189572

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	12 J	50.0	1.60	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-DDT	6.7 J	50.0	0.40	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/28/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/28/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/28/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/28/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	95.5	44-147		%	08/18/14	08/28/14
EPA 8081A	SURROGATE: TCMX (S)	98.2	25-147		%	08/18/14	08/28/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822288
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 11:23:04 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73983

Sample ID: S-14-0.5'
Sample Collection Date: 8/13/2014

APPL ID: AZ00567
QCG: #8081S-140818D-189572

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	130	50.0	1.60	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-DDT	46 J	50.0	0.40	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/28/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	A-CHLORDANE	7.3 J	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN	10.0 J	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/28/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/28/14
EPA 8081A	G-CHLORDANE	8.5 J	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/28/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	92.2	44-147		%	08/18/14	08/28/14
EPA 8081A	SURROGATE: TCMX (S)	94.4	25-147		%	08/18/14	08/28/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822289
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 11:23:04 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73983

Sample ID: S-14-0.5' DUP

APPL ID: AZ00568

Sample Collection Date: 8/13/2014

QCG: #8081S-140818D-189572

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	86	50.0	1.60	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-DDT	29 J	50.0	0.40	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/28/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	A-CHLORDANE	4.9 J	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN	6.3 J	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/28/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/28/14
EPA 8081A	G-CHLORDANE	6.7 J	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/28/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	99.8	44-147		%	08/18/14	08/28/14
EPA 8081A	SURROGATE: TCMX (S)	102	25-147		%	08/18/14	08/28/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822290
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 11:23:04 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73983

Sample ID: S-15-0.5'

APPL ID: AZ00570

Sample Collection Date: 8/13/2014

QCG: #8081S-140818D-189572

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	370	50.0	1.60	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-DDT	84	50.0	0.40	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/28/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	A-CHLORDANE	17 J	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN	39 J	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/28/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/28/14
EPA 8081A	G-CHLORDANE	26 J	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/28/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	104	44-147		%	08/18/14	08/28/14
EPA 8081A	SURROGATE: TCMX (S)	107	25-147		%	08/18/14	08/28/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822291
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 11:23:04 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL SOIL

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

Attn: Frank Gegunde
Project: 18715320 Florence

Sample ID: S-16-0.5'

Sample Collection Date: 8/13/2014

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73983

APPL ID: AZ00572

QCG: #8081S-140818D-189572

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	94	50.0	1.60	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-DDT	36 J	50.0	0.40	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/28/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	A-CHLORDANE	3.5 J	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN	6.3 J	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/28/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/28/14
EPA 8081A	G-CHLORDANE	4.9 J	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	METHOXYCHLOR.	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/28/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	98.9	44-147		%	08/18/14	08/28/14
EPA 8081A	SURROGATE: TCMX (S)	107	25-147		%	08/18/14	08/28/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822292
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 11:23:04 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73983

Sample ID: S-17-0.5'

APPL ID: AZ00574

Sample Collection Date: 8/13/2014

QCG: #8081S-140818D-189572

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	23 J	50.0	1.60	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-DDT	8.4 J	50.0	0.40	ug/kg	08/18/14	08/28/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/28/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/28/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/28/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/28/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/28/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/28/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/28/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/28/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	99.5	44-147		%	08/18/14	08/28/14
EPA 8081A	SURROGATE: TCMX (S)	105	25-147		%	08/18/14	08/28/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822293
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 11:23:04 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73983

Sample ID: S-17-0.5' DUP

APPL ID: AZ00575

Sample Collection Date: 8/13/2014

QCG: #8081S-140818D-189572

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	21 J	50.0	1.60	ug/kg	08/18/14	08/29/14
EPA 8081A	4,4'-DDT	6.1 J	50.0	0.40	ug/kg	08/18/14	08/29/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/29/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/29/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/29/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/29/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/29/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/29/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/29/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/29/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/29/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/29/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/29/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/29/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/29/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/29/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/29/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/29/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/29/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/29/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/29/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	98.9	44-147		%	08/18/14	08/29/14
EPA 8081A	SURROGATE: TCMX (S)	101	25-147		%	08/18/14	08/29/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822294
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 11:23:04 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73983

Sample ID: S-18-0.5'
Sample Collection Date: 8/13/2014

APPL ID: AZ00577

QCG: #8081S-140818D-189572

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	11 J	50.0	1.60	ug/kg	08/18/14	08/29/14
EPA 8081A	4,4'-DDT	7.5 J	50.0	0.40	ug/kg	08/18/14	08/29/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	08/18/14	08/29/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/29/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/29/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	08/18/14	08/29/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	08/18/14	08/29/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	08/18/14	08/29/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/29/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	08/18/14	08/29/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	08/18/14	08/29/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	08/18/14	08/29/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	08/18/14	08/29/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	08/18/14	08/29/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	08/18/14	08/29/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	08/18/14	08/29/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	08/18/14	08/29/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	08/18/14	08/29/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	08/18/14	08/29/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	08/18/14	08/29/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	08/18/14	08/29/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	98.2	44-147		%	08/18/14	08/29/14
EPA 8081A	SURROGATE: TCMX (S)	102	25-147		%	08/18/14	08/29/14

J = Estimated value.

Quant Method: OCL0822.M
Run #: 0822295
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: DA

Printed: 9/9/2014 11:23:04 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

ARF: 73983

Sample ID: MW-2

APPL ID: AZ00579

Sample Collection Date: 08/13/14

QCG: #8081-140814B-189216

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	Not detected	0.05	0.004	ug/L	08/14/14	08/27/14
EPA 8081A	4,4'-DDT	Not detected	0.05	0.007	ug/L	08/14/14	08/27/14
EPA 8081A	4,4'-TDE/DDD	Not detected	0.05	0.003	ug/L	08/14/14	08/27/14
EPA 8081A	A-BHC	Not detected	0.05	0.005	ug/L	08/14/14	08/27/14
EPA 8081A	A-CHLORDANE	Not detected	0.05	0.007	ug/L	08/14/14	08/27/14
EPA 8081A	ALDRIN	Not detected	0.05	0.009	ug/L	08/14/14	08/27/14
EPA 8081A	B-BHC	Not detected	0.05	0.008	ug/L	08/14/14	08/27/14
EPA 8081A	D-BHC	Not detected	0.05	0.005	ug/L	08/14/14	08/27/14
EPA 8081A	DIELDRIN	Not detected	0.05	0.005	ug/L	08/14/14	08/27/14
EPA 8081A	ENDOSULFAN I	Not detected	0.05	0.005	ug/L	08/14/14	08/27/14
EPA 8081A	ENDOSULFAN II	Not detected	0.05	0.004	ug/L	08/14/14	08/27/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	0.05	0.005	ug/L	08/14/14	08/27/14
EPA 8081A	ENDRIN	Not detected	0.05	0.007	ug/L	08/14/14	08/27/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	0.05	0.009	ug/L	08/14/14	08/27/14
EPA 8081A	ENDRIN KETONE	Not detected	0.05	0.006	ug/L	08/14/14	08/27/14
EPA 8081A	G-BHC (LINDANE)	Not detected	0.05	0.005	ug/L	08/14/14	08/27/14
EPA 8081A	G-CHLORDANE	Not detected	0.05	0.006	ug/L	08/14/14	08/27/14
EPA 8081A	HEPTACHLOR	Not detected	0.05	0.008	ug/L	08/14/14	08/27/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	0.05	0.007	ug/L	08/14/14	08/27/14
EPA 8081A	METHOXYCHLOR	Not detected	0.05	0.008	ug/L	08/14/14	08/27/14
EPA 8081A	TOXAPHENE	Not detected	1.0	0.38	ug/L	08/14/14	08/27/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	95.0	27-110		%	08/14/14	08/27/14
EPA 8081A	SURROGATE: TCMX (S)	74.9	24-114		%	08/14/14	08/27/14

Quant Method: OCL0822.M
Run #: 0822156
Instrument: Lucy
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 08/28/14 5:43:39 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-10-0.5'

Sample Collection Date: 08/13/14

ARF: 73983

APPL ID: AZ00558

QCG: #8151S-140818D-189558

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	95.0	45-142		%	08/18/14	08/27/14

Quant Method: HERB703.M
Run #: 0822112
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:18:57 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-11-0.5'

Sample Collection Date: 08/13/14

ARF: 73983

APPL ID: AZ00560

QCG: #8151S-140818D-189558

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	93.5	45-142		%	08/18/14	08/27/14

Quant Method: HERB703.M
Run #: 0822113
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:18:57 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-11-0.5' DUP

Sample Collection Date: 08/13/14

ARF: 73983

APPL ID: AZ00561

QCG: #8151S-140818D-189558

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	93.4	45-142		%	08/18/14	08/27/14

Quant Method: HERB703.M
Run #: 0822114
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:18:57 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

ARF: 73983

Sample ID: S-12-0.5'

APPL ID: AZ00563

Sample Collection Date: 08/13/14

QCG: #8151S-140818D-189558

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	94.4	45-142		%	08/18/14	08/27/14

Quant Method: HERB703.M
Run #: 0822115
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:18:57 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-13-0.5'

Sample Collection Date: 08/13/14

ARF: 73983

APPL ID: AZ00565

QCG: #8151S-140818D-189558

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	95.2	45-142		%	08/18/14	08/27/14

Quant Method: HERB703.M
Run #: 0822116
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:18:57 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-14-0.5'

Sample Collection Date: 08/13/14

ARF: 73983

APPL ID: AZ00567

QCG: #8151S-140818D-189558

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/28/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/28/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/28/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/28/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/28/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/28/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/28/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/28/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/28/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/28/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	91.5	45-142		%	08/18/14	08/28/14

Quant Method: HERB703.M
Run #: 0822117
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:18:57 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-14-0.5' DUP

Sample Collection Date: 08/13/14

ARF: 73983

APPL ID: AZ00568

QCG: #8151S-140818D-189558

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/28/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/28/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/28/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/28/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/28/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/28/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/28/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/28/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/28/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/28/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	88.2	45-142		%	08/18/14	08/28/14

Quant Method: HERB703.M
Run #: 0822118
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:18:57 PM

APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-15-0.5'

Sample Collection Date: 08/13/14

ARF: 73983

APPL ID: AZ00570

QCG: #8151S-140818D-189558

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/28/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/28/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/28/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/28/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/28/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/28/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/28/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/28/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/28/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/28/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	88.0	45-142		%	08/18/14	08/28/14

Quant Method: HERB703.M
Run #: 0822119
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:18:57 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-16-0.5'

Sample Collection Date: 08/13/14

ARF: 73983

APPL ID: AZ00572

QCG: #8151S-140818D-189558

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/28/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/28/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/28/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/28/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/28/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/28/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/28/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/28/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/28/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/28/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	91.8	45-142		%	08/18/14	08/28/14

Quant Method: HERB703.M
Run #: 0822120
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:18:57 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

ARF: 73983

Sample ID: S-17-0.5'

APPL ID: AZ00574

Sample Collection Date: 08/13/14

QCG: #8151S-140818D-189558

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/28/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/28/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/28/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/28/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/28/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/28/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/28/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/28/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/28/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/28/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	93.2	45-142		%	08/18/14	08/28/14

Quant Method: HERB703.M
Run #: 0822121
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:18:57 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

Sample ID: S-17-0.5' DUP

Sample Collection Date: 08/13/14

ARF: 73983

APPL ID: AZ00575

QCG: #8151S-140818D-189558

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/28/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/28/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/28/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/28/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/28/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/28/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/28/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/28/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/28/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/28/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	92.8	45-142		%	08/18/14	08/28/14

Quant Method: HERB703.M
Run #: 0822123
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:18:57 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8151A Herbicides 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: 18715320 Florence

ARF: 73983

Sample ID: S-18-0.5'

APPL ID: AZ00577

Sample Collection Date: 08/13/14

QCG: #8151S-140818D-189558

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8151	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/28/14
EPA 8151	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/28/14
EPA 8151	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/28/14
EPA 8151	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/28/14
EPA 8151	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/28/14
EPA 8151	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/28/14
EPA 8151	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/28/14
EPA 8151	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/28/14
EPA 8151	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/28/14
EPA 8151	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/28/14
EPA 8151	SURROGATE: 2,4-DCAA (S)	91.5	45-142		%	08/18/14	08/28/14

Quant Method: HERB703.M
Run #: 0822124
Instrument: Herbie
Sequence: 140822
Dilution Factor: 1
Initials: MA

Printed: 09/08/14 4:18:57 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: 18715320 Florence

Sample ID: MW-2

Sample Collection Date: 8/13/14

ARF: 73983

APPL ID: AZ00579

QCG: #SIM-140818AW-188901

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8270C-SIM	2-METHYLNAPHTHALENE	Not detected	0.2	0.06	ug/L	08/18/14	08/20/14
8270C-SIM	ACENAPHTHENE	Not detected	0.2	0.06	ug/L	08/18/14	08/20/14
8270C-SIM	ACENAPHTHYLENE	Not detected	0.2	0.06	ug/L	08/18/14	08/20/14
8270C-SIM	ANTHRACENE	Not detected	0.2	0.05	ug/L	08/18/14	08/20/14
8270C-SIM	BENZ(A)ANTHRACENE	Not detected	0.2	0.07	ug/L	08/18/14	08/20/14
8270C-SIM	BENZO(A)PYRENE	Not detected	0.2	0.06	ug/L	08/18/14	08/20/14
8270C-SIM	BENZO(B)FLUORANTHENE	Not detected	0.2	0.06	ug/L	08/18/14	08/20/14
8270C-SIM	BENZO(G,H,I)PERYLENE	Not detected	0.2	0.08	ug/L	08/18/14	08/20/14
8270C-SIM	BENZO(K)FLUORANTHENE	Not detected	0.2	0.07	ug/L	08/18/14	08/20/14
8270C-SIM	CHRYSENE	Not detected	0.2	0.05	ug/L	08/18/14	08/20/14
8270C-SIM	DIBENZ(A,H)ANTHRACENE	Not detected	0.2	0.05	ug/L	08/18/14	08/20/14
8270C-SIM	FLUORANTHENE	Not detected	0.2	0.08	ug/L	08/18/14	08/20/14
8270C-SIM	FLUORENE	Not detected	0.2	0.06	ug/L	08/18/14	08/20/14
8270C-SIM	INDENO(1,2,3-CD)PYRENE	Not detected	0.2	0.07	ug/L	08/18/14	08/20/14
8270C-SIM	NAPHTHALENE	Not detected	0.2	0.05	ug/L	08/18/14	08/20/14
8270C-SIM	PHENANTHRENE	Not detected	0.2	0.07	ug/L	08/18/14	08/20/14
8270C-SIM	PYRENE	Not detected	0.2	0.08	ug/L	08/18/14	08/20/14
8270C-SIM	SURROGATE: 2-FLUORBIPHENYL (S)	65.4	50-110		%	08/18/14	08/20/14
8270C-SIM	SURROGATE: NITROBENZENE-D5 (S)	62.1	40-110		%	08/18/14	08/20/14
8270C-SIM	SURROGATE: TERPHENYL-D14 (S)	61.4	50-135		%	08/18/14	08/20/14

Quant Method: SIM.M
Run #: 0820L013
Instrument: Linus
Sequence: L140804
Dilution Factor: 1
Initials: LF

Printed: 8/21/14 10:28:48 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

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

Attn: Frank Gegunde
Project: 18715320 Florence

Sample ID: MW-2

Sample Collection Date: 08/13/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73983

APPL ID: AZ00579

QCG: #8260-140814AL-188769

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	08/14/14	08/14/14
EPA 8260B	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	08/14/14	08/14/14
EPA 8260B	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	08/14/14	08/14/14
EPA 8260B	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	08/14/14	08/14/14
EPA 8260B	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	08/14/14	08/14/14
EPA 8260B	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	08/14/14	08/14/14
EPA 8260B	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	08/14/14	08/14/14
EPA 8260B	1,2-DICHLOROETHANE	Not detected	0.5	0.14	ug/L	08/14/14	08/14/14
EPA 8260B	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	08/14/14	08/14/14
EPA 8260B	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	08/14/14	08/14/14
EPA 8260B	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	08/14/14	08/14/14
EPA 8260B	BENZENE	Not detected	0.5	0.16	ug/L	08/14/14	08/14/14
EPA 8260B	BROMOBENZENE	Not detected	0.5	0.16	ug/L	08/14/14	08/14/14
EPA 8260B	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	08/14/14	08/14/14
EPA 8260B	BROMOFORM	Not detected	0.5	0.14	ug/L	08/14/14	08/14/14
EPA 8260B	BROMOMETHANE	Not detected	1.0	0.24	ug/L	08/14/14	08/14/14
EPA 8260B	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	08/14/14	08/14/14
EPA 8260B	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	08/14/14	08/14/14
EPA 8260B	CHLOROETHANE	Not detected	0.5	0.21	ug/L	08/14/14	08/14/14
EPA 8260B	CHLOROFORM	0.70	0.5	0.07	ug/L	08/14/14	08/14/14
EPA 8260B	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	08/14/14	08/14/14
EPA 8260B	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	08/14/14	08/14/14
EPA 8260B	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	08/14/14	08/14/14
EPA 8260B	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	08/14/14	08/14/14
EPA 8260B	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	08/14/14	08/14/14
EPA 8260B	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	08/14/14	08/14/14
EPA 8260B	ETHYL BENZENE	Not detected	0.5	0.23	ug/L	08/14/14	08/14/14
EPA 8260B	FREON-113	Not detected	0.5	0.21	ug/L	08/14/14	08/14/14
EPA 8260B	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	08/14/14	08/14/14
EPA 8260B	MTBE	Not detected	0.5	0.26	ug/L	08/14/14	08/14/14
EPA 8260B	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	08/14/14	08/14/14
EPA 8260B	TOLUENE	Not detected	0.5	0.17	ug/L	08/14/14	08/14/14
EPA 8260B	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	08/14/14	08/14/14
EPA 8260B	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	08/14/14	08/14/14
EPA 8260B	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	08/14/14	08/14/14
EPA 8260B	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	08/14/14	08/14/14
EPA 8260B	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	08/14/14	08/14/14

Quant Method: LALLW.M
Run #: 0814L14
Instrument: Loki
Sequence: 140812
Dilution Factor: 1
Initials: SV

Printed: 09/08/14 7:35:03 AM
APPL-F1-SC-NoMC-REG MDLs

EPA 8260B

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

Attn: Frank Gegunde
Project: 18715320 Florence

Sample ID: MW-2

Sample Collection Date: 08/13/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73983

APPL ID: AZ00579

QCG: #8260-140814AL-188769

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8260B	XYLENES	Not detected	0.5	0.19	ug/L	08/14/14	08/14/14
EPA 8260B	SURROGATE: 1,2-DICHLOROETHAN	101	70-125		%	08/14/14	08/14/14
EPA 8260B	SURROGATE: 4-BROMOFLUOROB	95.8	72-133		%	08/14/14	08/14/14
EPA 8260B	SURROGATE: DIBROMOFLUOROME	98.4	78-125		%	08/14/14	08/14/14
EPA 8260B	SURROGATE: TOLUENE-D8 (S)	99.5	73-124		%	08/14/14	08/14/14

Quant Method: LALLW.M
Run #: 0814L14
Instrument: Loki
Sequence: 140812
Dilution Factor: 1
Initials: SV

Printed: 09/08/14 7:35:03 AM
APPL-F1-SC-NoMC-REG MDLs

Gas-Water

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

Attn: Frank Gegunde
Project: 18715320 Florence

Sample ID: MW-2
Sample Collection Date: 8/13/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73983
APPL ID: AZ00579
QCG: #GAS-140814A-188833

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
8015	GASOLINE	Not detected	20.0	8.60	ug/L	08/15/14	08/15/14
8015	SURROGATE: BFB-FID (S)	92.9	70-130		%	08/15/14	08/15/14

Quant Method: HGAS.M
Run #: 0814H20
Instrument: Harpo
Sequence: 140617
Dilution Factor: 1
Initials: LF

Printed: 8/19/14 11:32:15 AM
APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715320 Florence

Sample ID: S-10-0.5'

Sample Collection Date: 08/13/14

ARF: 73983

APPL ID: AZ00558

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	ANTIMONY (SB)	0.43 J	0.5	0.10	mg/kg	1	08/27/14	09/02/14
6010B/3050B	ARSENIC (AS)	1.8	0.5	0.09	mg/kg	1	08/27/14	09/02/14
6010B/3050B	BARIUM (BA)	59.2	0.5	0.05	mg/kg	1	08/27/14	09/02/14
6010B/3050B	BERYLLIUM (BE)	0.078 J	0.2	0.04	mg/kg	1	08/27/14	09/02/14
6010B/3050B	CADMIUM (CD)	0.26 J	0.5	0.03	mg/kg	1	08/27/14	09/02/14
6010B/3050B	CHROMIUM (CR)	15.2	0.5	0.03	mg/kg	1	08/27/14	09/02/14
6010B/3050B	COBALT (CO)	2.5	0.5	0.05	mg/kg	1	08/27/14	09/02/14
6010B/3050B	COPPER (CU)	11.5	0.5	0.09	mg/kg	1	08/27/14	09/02/14
6010B/3050B	LEAD (PB)	136	0.5	0.09	mg/kg	1	08/27/14	09/02/14
7471A/7471A	MERCURY	Not detected	0.1	0.02	mg/Kg	1	08/27/14	08/29/14
6010B/3050B	MOLYBDENUM (MO)	0.076 J	0.5	0.07	mg/kg	1	08/27/14	09/02/14
6010B/3050B	NICKEL (NI)	9.0	0.5	0.07	mg/kg	1	08/27/14	09/02/14
6010B/3050B	SELENIUM (SE)	Not detected	0.5	0.24	mg/kg	1	08/27/14	09/02/14
6010B/3050B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	1	08/27/14	09/02/14
6010B/3050B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	1	08/27/14	09/02/14
6010B/3050B	VANADIUM (V)	18.9	0.5	0.06	mg/kg	1	08/27/14	09/02/14
6010B/3050B	ZINC (ZN)	81.5	5.0	1.15	mg/kg	1	08/27/14	09/02/14

J = Estimated value.

Printed: 09/09/14 2:54:47 PM
APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715320 Florence

Sample ID: S-11-0.5'

Sample Collection Date: 08/13/14

ARF: 73983

APPL ID: AZ00560

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	ANTIMONY (SB)	0.27 J	0.5	0.10	mg/kg	1	08/27/14	09/02/14
6010B/3050B	ARSENIC (AS)	1.4	0.5	0.09	mg/kg	1	08/27/14	09/02/14
6010B/3050B	BARIUM (BA)	41.2	0.5	0.05	mg/kg	1	08/27/14	09/02/14
6010B/3050B	BERYLLIUM (BE)	0.082 J	0.2	0.04	mg/kg	1	08/27/14	09/02/14
6010B/3050B	CADMIUM (CD)	0.13 J	0.5	0.03	mg/kg	1	08/27/14	09/02/14
6010B/3050B	CHROMIUM (CR)	18.2	0.5	0.03	mg/kg	1	08/27/14	09/02/14
6010B/3050B	COBALT (CO)	2.4	0.5	0.05	mg/kg	1	08/27/14	09/02/14
6010B/3050B	COPPER (CU)	8.6	0.5	0.09	mg/kg	1	08/27/14	09/02/14
6010B/3050B	LEAD (PB)	37.0	0.5	0.09	mg/kg	1	08/27/14	09/02/14
7471A/7471A	MERCURY	Not detected	0.1	0.02	mg/Kg	1	08/27/14	08/29/14
6010B/3050B	MOLYBDENUM (MO)	Not detected	0.5	0.07	mg/kg	1	08/27/14	09/02/14
6010B/3050B	NICKEL (NI)	8.2	0.5	0.07	mg/kg	1	08/27/14	09/02/14
6010B/3050B	SELENIUM (SE)	Not detected	0.5	0.24	mg/kg	1	08/27/14	09/02/14
6010B/3050B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	1	08/27/14	09/02/14
6010B/3050B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	1	08/27/14	09/02/14
6010B/3050B	VANADIUM (V)	19.5	0.5	0.06	mg/kg	1	08/27/14	09/02/14
6010B/3050B	ZINC (ZN)	48.9	5.0	1.15	mg/kg	1	08/27/14	09/02/14

J = Estimated value.

Printed: 09/09/14 2:54:47 PM
APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715320 Florence

Sample ID: S-11-0.5' DUP

Sample Collection Date: 08/13/14

ARF: 73983

APPL ID: AZ00561

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	ANTIMONY (SB)	0.38 J	0.5	0.10	mg/kg	1	08/27/14	09/02/14
6010B/3050B	ARSENIC (AS)	1.5	0.5	0.09	mg/kg	1	08/27/14	09/02/14
6010B/3050B	BARIUM (BA)	41.2	0.5	0.05	mg/kg	1	08/27/14	09/02/14
6010B/3050B	BERYLLIUM (BE)	0.078 J	0.2	0.04	mg/kg	1	08/27/14	09/02/14
6010B/3050B	CADMIUM (CD)	0.13 J	0.5	0.03	mg/kg	1	08/27/14	09/02/14
6010B/3050B	CHROMIUM (CR)	16.1	0.5	0.03	mg/kg	1	08/27/14	09/02/14
6010B/3050B	COBALT (CO)	2.3	0.5	0.05	mg/kg	1	08/27/14	09/02/14
6010B/3050B	COPPER (CU)	9.4	0.5	0.09	mg/kg	1	08/27/14	09/02/14
6010B/3050B	LEAD (PB)	40.5	0.5	0.09	mg/kg	1	08/27/14	09/02/14
7471A/7471A	MERCURY	Not detected	0.1	0.02	mg/Kg	1	08/27/14	08/29/14
6010B/3050B	MOLYBDENUM (MO)	0.16 J	0.5	0.07	mg/kg	1	08/27/14	09/02/14
6010B/3050B	NICKEL (NI)	8.5	0.5	0.07	mg/kg	1	08/27/14	09/02/14
6010B/3050B	SELENIUM (SE)	Not detected	0.5	0.24	mg/kg	1	08/27/14	09/02/14
6010B/3050B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	1	08/27/14	09/02/14
6010B/3050B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	1	08/27/14	09/02/14
6010B/3050B	VANADIUM (V)	19.7	0.5	0.06	mg/kg	1	08/27/14	09/02/14
6010B/3050B	ZINC (ZN)	47.5	5.0	1.15	mg/kg	1	08/27/14	09/02/14

J = Estimated value.

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APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

Attn: Frank Gegunde
Project: 18715320 Florence

Sample ID: S-12-0.5'

Sample Collection Date: 08/13/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73983

APPL ID: AZ00563

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	LEAD (PB)	59.2	0.5	0.09	mg/kg	1	08/27/14	09/02/14

Metals Analysis

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

Attn: Frank Gegunde
Project: 18715320 Florence

Sample ID: S-13-0.5'

Sample Collection Date: 08/13/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73983

APPL ID: AZ00565

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	LEAD (PB)	45.8	0.5	0.09	mg/kg	1	08/27/14	09/02/14

Metals Analysis

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

Attn: Frank Gegunde
Project: 18715320 Florence

Sample ID: S-14-0.5'
Sample Collection Date: 08/13/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73983
APPL ID: AZ00567

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	LEAD (PB)	46.5	0.5	0.09	mg/kg	1	08/27/14	09/02/14

Metals Analysis

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

Attn: Frank Gegunde

Project: 18715320 Florence

Sample ID: S-14-0.5' DUP

Sample Collection Date: 08/13/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73983

APPL ID: AZ00568

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	LEAD (PB)	47.0	0.5	0.09	mg/kg	1	08/27/14	09/02/14

Metals Analysis

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

Attn: Frank Gegunde
Project: 18715320 Florence

Sample ID: S-15-0.5'

Sample Collection Date: 08/13/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73983

APPL ID: AZ00570

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	LEAD (PB)	121	0.5	0.09	mg/kg	1	08/27/14	09/02/14

Metals Analysis

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715320 Florence

Sample ID: S-16-0.5'

Sample Collection Date: 08/13/14

ARF: 73983

APPL ID: AZ00572

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	ANTIMONY (SB)	0.21 J	0.5	0.10	mg/kg	1	08/27/14	09/02/14
6010B/3050B	ARSENIC (AS)	1.6	0.5	0.09	mg/kg	1	08/27/14	09/02/14
6010B/3050B	BARIUM (BA)	42.3	0.5	0.05	mg/kg	1	08/27/14	09/02/14
6010B/3050B	BERYLLIUM (BE)	0.098 J	0.2	0.04	mg/kg	1	08/27/14	09/02/14
6010B/3050B	CADMIUM (CD)	0.10 J	0.5	0.03	mg/kg	1	08/27/14	09/02/14
6010B/3050B	CHROMIUM (CR)	16.6	0.5	0.03	mg/kg	1	08/27/14	09/02/14
6010B/3050B	COBALT (CO)	2.8	0.5	0.05	mg/kg	1	08/27/14	09/02/14
6010B/3050B	COPPER (CU)	8.2	0.5	0.09	mg/kg	1	08/27/14	09/02/14
6010B/3050B	LEAD (PB)	33.4	0.5	0.09	mg/kg	1	08/27/14	09/02/14
7471A/7471A	MERCURY	Not detected	0.1	0.02	mg/Kg	1	08/27/14	08/29/14
6010B/3050B	MOLYBDENUM (MO)	Not detected	0.5	0.07	mg/kg	1	08/27/14	09/02/14
6010B/3050B	NICKEL (NI)	8.7	0.5	0.07	mg/kg	1	08/27/14	09/02/14
6010B/3050B	SELENIUM (SE)	Not detected	0.5	0.24	mg/kg	1	08/27/14	09/02/14
6010B/3050B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	1	08/27/14	09/02/14
6010B/3050B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	1	08/27/14	09/02/14
6010B/3050B	VANADIUM (V)	21.5	0.5	0.06	mg/kg	1	08/27/14	09/02/14
6010B/3050B	ZINC (ZN)	44.4	5.0	1.15	mg/kg	1	08/27/14	09/02/14

J = Estimated value.

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APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

Attn: Frank Gegunde
Project: 18715320 Florence

Sample ID: S-17-0.5'

Sample Collection Date: 08/13/14

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

ARF: 73983

APPL ID: AZ00574

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	ANTIMONY (SB)	0.33 J	0.5	0.10	mg/kg	1	08/27/14	09/02/14
6010B/3050B	ARSENIC (AS)	1.3	0.5	0.09	mg/kg	1	08/27/14	09/02/14
6010B/3050B	BARIUM (BA)	51.1	0.5	0.05	mg/kg	1	08/27/14	09/02/14
6010B/3050B	BERYLLIUM (BE)	0.069 J	0.2	0.04	mg/kg	1	08/27/14	09/02/14
6010B/3050B	CADMIUM (CD)	0.22 J	0.5	0.03	mg/kg	1	08/27/14	09/02/14
6010B/3050B	CHROMIUM (CR)	12.0	0.5	0.03	mg/kg	1	08/27/14	09/02/14
6010B/3050B	COBALT (CO)	2.0	0.5	0.05	mg/kg	1	08/27/14	09/02/14
6010B/3050B	COPPER (CU)	7.5	0.5	0.09	mg/kg	1	08/27/14	09/02/14
6010B/3050B	LEAD (PB)	47.0	0.5	0.09	mg/kg	1	08/27/14	09/02/14
7471A/7471A	MERCURY	Not detected	0.1	0.02	mg/Kg	1	08/27/14	08/29/14
6010B/3050B	MOLYBDENUM (MO)	Not detected	0.5	0.07	mg/kg	1	08/27/14	09/02/14
6010B/3050B	NICKEL (NI)	7.2	0.5	0.07	mg/kg	1	08/27/14	09/02/14
6010B/3050B	SELENIUM (SE)	Not detected	0.5	0.24	mg/kg	1	08/27/14	09/02/14
6010B/3050B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	1	08/27/14	09/02/14
6010B/3050B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	1	08/27/14	09/02/14
6010B/3050B	VANADIUM (V)	17.4	0.5	0.06	mg/kg	1	08/27/14	09/02/14
6010B/3050B	ZINC (ZN)	70.2	5.0	1.15	mg/kg	1	08/27/14	09/02/14

J = Estimated value.

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APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715320 Florence

Sample ID: S-17-0.5' DUP

Sample Collection Date: 08/13/14

ARF: 73983

APPL ID: AZ00575

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	ANTIMONY (SB)	0.35 J	0.5	0.10	mg/kg	1	08/27/14	09/02/14
6010B/3050B	ARSENIC (AS)	1.3	0.5	0.09	mg/kg	1	08/27/14	09/02/14
6010B/3050B	BARIUM (BA)	57.8	0.5	0.05	mg/kg	1	08/27/14	09/02/14
6010B/3050B	BERYLLIUM (BE)	0.085 J	0.2	0.04	mg/kg	1	08/27/14	09/02/14
6010B/3050B	CADMIUM (CD)	0.25 J	0.5	0.03	mg/kg	1	08/27/14	09/02/14
6010B/3050B	CHROMIUM (CR)	14.8	0.5	0.03	mg/kg	1	08/27/14	09/02/14
6010B/3050B	COBALT (CO)	2.3	0.5	0.05	mg/kg	1	08/27/14	09/02/14
6010B/3050B	COPPER (CU)	9.3	0.5	0.09	mg/kg	1	08/27/14	09/02/14
6010B/3050B	LEAD (PB)	43.4	0.5	0.09	mg/kg	1	08/27/14	09/02/14
7471A/7471A	MERCURY	Not detected	0.1	0.02	mg/Kg	1	08/27/14	08/29/14
6010B/3050B	MOLYBDENUM (MO)	Not detected	0.5	0.07	mg/kg	1	08/27/14	09/02/14
6010B/3050B	NICKEL (NI)	8.5	0.5	0.07	mg/kg	1	08/27/14	09/02/14
6010B/3050B	SELENIUM (SE)	Not detected	0.5	0.24	mg/kg	1	08/27/14	09/02/14
6010B/3050B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	1	08/27/14	09/02/14
6010B/3050B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	1	08/27/14	09/02/14
6010B/3050B	VANADIUM (V)	20.4	0.5	0.06	mg/kg	1	08/27/14	09/02/14
6010B/3050B	ZINC (ZN)	84.5	5.0	1.15	mg/kg	1	08/27/14	09/02/14

J = Estimated value.

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APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715320 Florence

Sample ID: S-18-0.5'

Sample Collection Date: 08/13/14

ARF: 73983

APPL ID: AZ00577

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3050B	ANTIMONY (SB)	0.36 J	0.5	0.10	mg/kg	1	08/27/14	09/02/14
6010B/3050B	ARSENIC (AS)	0.92	0.5	0.09	mg/kg	1	08/27/14	09/02/14
6010B/3050B	BARIUM (BA)	28.9	0.5	0.05	mg/kg	1	08/27/14	09/02/14
6010B/3050B	BERYLLIUM (BE)	0.057 J	0.2	0.04	mg/kg	1	08/27/14	09/02/14
6010B/3050B	CADMIUM (CD)	0.096 J	0.5	0.03	mg/kg	1	08/27/14	09/02/14
6010B/3050B	CHROMIUM (CR)	10.4	0.5	0.03	mg/kg	1	08/27/14	09/02/14
6010B/3050B	COBALT (CO)	1.6	0.5	0.05	mg/kg	1	08/27/14	09/02/14
6010B/3050B	COPPER (CU)	5.5	0.5	0.09	mg/kg	1	08/27/14	09/02/14
6010B/3050B	LEAD (PB)	27.3	0.5	0.09	mg/kg	1	08/27/14	09/02/14
7471A/7471A	MERCURY	Not detected	0.1	0.02	mg/Kg	1	08/27/14	08/29/14
6010B/3050B	MOLYBDENUM (MO)	Not detected	0.5	0.07	mg/kg	1	08/27/14	09/02/14
6010B/3050B	NICKEL (NI)	6.0	0.5	0.07	mg/kg	1	08/27/14	09/02/14
6010B/3050B	SELENIUM (SE)	Not detected	0.5	0.24	mg/kg	1	08/27/14	09/02/14
6010B/3050B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	1	08/27/14	09/02/14
6010B/3050B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	1	08/27/14	09/02/14
6010B/3050B	VANADIUM (V)	15.5	0.5	0.06	mg/kg	1	08/27/14	09/02/14
6010B/3050B	ZINC (ZN)	32.1	5.0	1.15	mg/kg	1	08/27/14	09/02/14

J = Estimated value.

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APPL-F1-SC-NoMC-REG MDLs

Metals Analysis

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

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715320 Florence

ARF: 73983

Sample ID: MW-2

APPL ID: AZ00579

Sample Collection Date: 08/13/14

Method	Analyte	Result	PQL	MDL	Units	DF	Prep Date	Analysis Date
6010B/3010A	ANTIMONY (SB)	Not detected	5.0	1.84	ug/L	1	08/20/14	08/28/14
6010B/3010A	ARSENIC (AS)	Not detected	5.0	2.45	ug/L	1	08/20/14	08/28/14
6010B/3010A	BARIUM (BA)	Not detected	5.0	0.75	ug/L	1	08/20/14	08/28/14
6010B/3010A	BERYLLIUM (BE)	Not detected	2.0	0.24	ug/L	1	08/20/14	08/28/14
6010B/3010A	CADMIUM (CD)	Not detected	5.0	0.51	ug/L	1	08/20/14	08/28/14
6010B/3010A	CHROMIUM (CR)	Not detected	5.0	1.37	ug/L	1	08/20/14	08/28/14
6010B/3010A	COBALT (CO)	Not detected	5.0	0.63	ug/L	1	08/20/14	08/28/14
6010B/3010A	COPPER (CU)	Not detected	5.0	1.71	ug/L	1	08/20/14	08/28/14
6010B/3010A	LEAD (PB)	Not detected	3.0	1.58	ug/L	1	08/20/14	08/28/14
7470A/7470A	MERCURY (HG)	Not detected	0.2	0.06	ug/L	1	08/20/14	08/28/14
6010B/3010A	MOLYBDENUM (MO)	Not detected	5.0	0.53	ug/L	1	08/20/14	08/28/14
6010B/3010A	NICKEL (NI)	Not detected	5.0	0.42	ug/L	1	08/20/14	08/28/14
6010B/3010A	SELENIUM (SE)	Not detected	5.0	3.17	ug/L	1	08/20/14	08/28/14
6010B/3010A	SILVER (AG)	0.60 J	1.0	0.58	ug/L	1	08/20/14	08/28/14
6010B/3010A	THALLIUM (TL)	Not detected	5.0	1.77	ug/L	1	08/20/14	08/28/14
6010B/3010A	VANADIUM (V)	Not detected	5.0	0.97	ug/L	1	08/20/14	08/28/14
6010B/3010A	ZINC (ZN)	Not detected	50.0	2.74	ug/L	1	08/20/14	08/28/14

J = Estimated value.

Printed: 09/09/14 2:54:47 PM
APPL-F1-SC-NoMC-REG MDLs

Method Blank
EPA 8015B TPH DIESEL MO

Blank Name/QCG: 140814W-00464 - 188990
Batch ID: #TPHO-140814A

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	50.0	40.40	ug/L	8/14/2014	8/19/2014
BLANK	MOTOR OIL	Not detected	500	106.0	ug/L	8/14/2014	8/19/2014
BLANK	SURROGATE: OCTACOSANE (S)	53.1	28-142		%	8/14/2014	8/19/2014
BLANK	SURROGATE: ORTHO-TERPHENYL (	63.7	45-145		%	8/14/2014	8/19/2014

Quant Method:TPHD707.M
Run #:818018
Instrument: Apollo
Sequence: 140818
Initials:LA

GC SC-Blank-REG MDLs
Printed: 8/24/2014 12:21:16 PM

Laboratory Control Spike Recovery

EPA 8015B TPH DIESEL MO

APPL ID: 140814W-00464 LCS - 188990

Batch ID: #TPHO-140814A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
DIESEL FUEL	2000	1300	65.0	61-143
MOTOR OIL	2000	1200	60.0	40-140
<hr style="border-top: 1px dashed black;"/>				
SURROGATE: OCTACOSANE (S)	150	88.9	59.3	28-142
SURROGATE: ORTHO-TERPHENYL (S)	150	137	91.3	45-145

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	TPHD707.M
Extraction Date :	8/14/2014
Analysis Date :	8/19/2014
Instrument :	Apollo
Run :	818019
Initials :	LA

Printed: 8/24/2014 12:21:12 PM

APPL Standard LCS

Method Blank
EPA 8081A OCL SOIL

Blank Name/QCG: 140818S-00558 - 189572
Batch ID: #8081S-140818D

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	4,4'-DDE	Not detected	50.0	1.60	ug/kg	8/18/2014	8/28/2014
BLANK	4,4'-DDT	Not detected	50.0	0.40	ug/kg	8/18/2014	8/28/2014
BLANK	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	8/18/2014	8/28/2014
BLANK	A-BHC	Not detected	50.0	1.00	ug/kg	8/18/2014	8/28/2014
BLANK	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	8/18/2014	8/28/2014
BLANK	ALDRIN	Not detected	50.0	1.40	ug/kg	8/18/2014	8/28/2014
BLANK	B-BHC	Not detected	50.0	1.00	ug/kg	8/18/2014	8/28/2014
BLANK	D-BHC	Not detected	50.0	1.10	ug/kg	8/18/2014	8/28/2014
BLANK	DIELDRIN	Not detected	50.0	1.10	ug/kg	8/18/2014	8/28/2014
BLANK	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	8/18/2014	8/28/2014
BLANK	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	8/18/2014	8/28/2014
BLANK	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	8/18/2014	8/28/2014
BLANK	ENDRIN	Not detected	50.0	1.10	ug/kg	8/18/2014	8/28/2014
BLANK	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	8/18/2014	8/28/2014
BLANK	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	8/18/2014	8/28/2014
BLANK	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	8/18/2014	8/28/2014
BLANK	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	8/18/2014	8/28/2014
BLANK	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	8/18/2014	8/28/2014
BLANK	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	8/18/2014	8/28/2014
BLANK	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	8/18/2014	8/28/2014
BLANK	TOXAPHENE	Not detected	1000	15.7	ug/kg	8/18/2014	8/28/2014
BLANK	SURROGATE: DECACHLOROBIPHEN	69.4	44-147		%	8/18/2014	8/28/2014
BLANK	SURROGATE: TCMX (S)	80.1	25-147		%	8/18/2014	8/28/2014

Quant Method: OCL0822.M
Run #: 0822277
Instrument: Lucy
Sequence: 140822
Initials: DA

GC SC-Blank-REG MDLs
Printed: 9/9/2014 11:29:39 AM

Laboratory Control Spike Recovery
EPA 8081A OCL SOIL

APPL ID: 140818S-00558 LCS - 189572
Batch ID: #8081S-140818D

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
4,4'-DDE	167	111	66.5	55-124
4,4'-DDT	167	102	61.1	48-138
4,4'-TDE/DDD	167	110	65.9	53-130
A-BHC	167	108	64.7	44-131
A-CHLORDANE	167	124	74.3	51-125
ALDRIN	167	112	67.1	45-124
B-BHC	167	126	75.4	58-131
D-BHC	167	109	65.3	40-136
DIELDRIN	167	114	68.3	58-127
ENDOSULFAN I	167	121	72.5	66-124
ENDOSULFAN II	167	119	71.3	54-131
ENDOSULFAN SULFATE	167	122	73.1	49-134
ENDRIN	167	112	67.1	49-143
ENDRIN ALDEHYDE	167	122	73.1	25-125
ENDRIN KETONE	167	123	73.7	46-129
G-BHC (LINDANE)	167	118	70.7	53-129
G-CHLORDANE	167	117	70.1	52-123
HEPTACHLOR	167	125	74.9	48-133
HEPTACHLOR EPOXIDE	167	127	76.0	53-124
METHOXYCHLOR	167	134	80.2	51-140
TOXAPHENE	1680	1570	93.6	52-122
<hr style="border-top: 1px dashed black;"/>				
SURROGATE: DECACHLOROBIPHENYL	333	292	87.7	44-147
SURROGATE: TCMX (S)	333	277	83.2	25-147
<hr style="border-top: 1px dashed black;"/>				

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	OCL0822.M
Extraction Date :	8/18/2014
Analysis Date :	8/28/2014
Instrument :	Lucy
Run :	0822278
Initials :	DA

Printed: 9/9/2014 11:29:35 AM
APPL Standard LCS

Method Blank
EPA 8081A OCL WATER

Blank Name/QCG: **140814W-00464 - 189216**
Batch ID: #8081-140814B

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	4,4'-DDE	Not detected	0.05	0.004	ug/L	08/14/14	08/26/14
BLANK	4,4'-DDT	Not detected	0.05	0.007	ug/L	08/14/14	08/26/14
BLANK	4,4'-TDE/DDD	Not detected	0.05	0.003	ug/L	08/14/14	08/26/14
BLANK	A-BHC	Not detected	0.05	0.005	ug/L	08/14/14	08/26/14
BLANK	A-CHLORDANE	Not detected	0.05	0.007	ug/L	08/14/14	08/26/14
BLANK	ALDRIN	Not detected	0.05	0.009	ug/L	08/14/14	08/26/14
BLANK	B-BHC	Not detected	0.05	0.008	ug/L	08/14/14	08/26/14
BLANK	D-BHC	Not detected	0.05	0.005	ug/L	08/14/14	08/26/14
BLANK	DIELDRIN	Not detected	0.05	0.005	ug/L	08/14/14	08/26/14
BLANK	ENDOSULFAN I	Not detected	0.05	0.005	ug/L	08/14/14	08/26/14
BLANK	ENDOSULFAN II	Not detected	0.05	0.004	ug/L	08/14/14	08/26/14
BLANK	ENDOSULFAN SULFATE	Not detected	0.05	0.005	ug/L	08/14/14	08/26/14
BLANK	ENDRIN	Not detected	0.05	0.007	ug/L	08/14/14	08/26/14
BLANK	ENDRIN ALDEHYDE	Not detected	0.05	0.009	ug/L	08/14/14	08/26/14
BLANK	ENDRIN KETONE	Not detected	0.05	0.006	ug/L	08/14/14	08/26/14
BLANK	G-BHC (LINDANE)	Not detected	0.05	0.005	ug/L	08/14/14	08/26/14
BLANK	G-CHLORDANE	Not detected	0.05	0.006	ug/L	08/14/14	08/26/14
BLANK	HEPTACHLOR	Not detected	0.05	0.008	ug/L	08/14/14	08/26/14
BLANK	HEPTACHLOR EPOXIDE	Not detected	0.05	0.007	ug/L	08/14/14	08/26/14
BLANK	METHOXYCHLOR	Not detected	0.05	0.008	ug/L	08/14/14	08/26/14
BLANK	TOXAPHENE	Not detected	1.0	0.38	ug/L	08/14/14	08/26/14
BLANK	SURROGATE: DECACHLOROBIPHEN	82.7	27-110		%	08/14/14	08/26/14
BLANK	SURROGATE: TCMX (S)	52.0	24-114		%	08/14/14	08/26/14

Quant Method: OCL0822.M
Run #: 0822136
Instrument: Lucy
Sequence: 140822
Initials: MA

GC SC-Blank-REG MDLs
Printed: 08/28/14 5:43:38 PM

Laboratory Control Spike Recovery

EPA 8081A OCL WATER

APPL ID: 140814W-00464 LCS - 189216

Batch ID: #8081-140814B

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
4,4'-DDE	0.300	0.211	70.3	64-120
4,4'-DDT	0.300	0.245	81.7	61-126
4,4'-TDE/DDD	0.300	0.275	91.7	67-116
A-BHC	0.300	0.227	75.7	45-125
A-CHLORDANE	0.300	0.218	72.7	63-112
ALDRIN	0.300	0.145	48.3	46-117
B-BHC	0.300	0.240	80.0	59-116
D-BHC	0.300	0.275	91.7	30-130
DIELDRIN	0.300	0.272	90.7	67-117
ENDOSULFAN I	0.300	0.268	89.3	66-114
ENDOSULFAN II	0.300	0.268	89.3	66-113
ENDOSULFAN SULFATE	0.300	0.290	96.7	63-109
ENDRIN	0.300	0.250	83.3	57-127
ENDRIN ALDEHYDE	0.300	0.265	88.3	56-114
ENDRIN KETONE	0.300	0.298	99.3	53-119
G-BHC (LINDANE)	0.300	0.259	86.3	57-128
G-CHLORDANE	0.300	0.193	64.3	61-115
HEPTACHLOR	0.300	0.154	51.3	46-121
HEPTACHLOR EPOXIDE	0.300	0.255	85.0	62-117
METHOXYCHLOR	0.300	0.278	92.7	62-121
TOXAPHENE	1.0	0.771	77.1	33-117

SURROGATE: DECACHLOROBIPHENYL	0.300	0.251	83.7	27-110
SURROGATE: TCMX (S)	0.300	0.128	42.7	24-114

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	OCL0822.M
Extraction Date :	08/14/14
Analysis Date :	08/26/14
Instrument :	Lucy
Run :	0822138
Initials :	MA

Printed: 08/28/14 5:43:40 PM

APPL Standard LCS

Method Blank
EPA 8151A Herbicides Soil

Blank Name/QCG: **140818S-00558 - 189558**
Batch ID: #8151S-140818D

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	2,4,5-T	Not detected	40.0	21.80	ug/kg	08/18/14	08/27/14
BLANK	2,4,5-TP (SILVEX)	Not detected	40.0	13.70	ug/kg	08/18/14	08/27/14
BLANK	2,4-D	Not detected	200.0	84.70	ug/kg	08/18/14	08/27/14
BLANK	2,4-DB	Not detected	400	262.3	ug/kg	08/18/14	08/27/14
BLANK	DALAPON	Not detected	2000	115.4	ug/kg	08/18/14	08/27/14
BLANK	DICAMBA	Not detected	40.0	11.80	ug/kg	08/18/14	08/27/14
BLANK	DICHLORPROP (2,4-DP)	Not detected	200.0	54.40	ug/kg	08/18/14	08/27/14
BLANK	DINOSEB (DNBP)	Not detected	100.0	70.40	ug/kg	08/18/14	08/27/14
BLANK	MCPA	Not detected	40000	14220.4	ug/kg	08/18/14	08/27/14
BLANK	MCPP	Not detected	40000	11402.2	ug/kg	08/18/14	08/27/14
BLANK	SURROGATE: 2,4-DCAA (S)	76.6	45-142		%	08/18/14	08/27/14

<p>Quant Method: HERB703.M Run #: 0822110 Instrument: Herbie Sequence: 140822 Initials: MA</p>
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GC SC-Blank-REG MDLs
Printed: 09/08/14 4:18:56 PM

Laboratory Control Spike Recovery

EPA 8151A Herbicides Soil

APPL ID: **140818S-00558 LCS - 189558**
 Batch ID: #8151S-140818D

APPL Inc.
 908 North Temperance Avenue
 Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
2,4,5-T	128	114	89.1	49-150
2,4,5-TP (SILVEX)	128	96.6	75.5	46-143
2,4-D	640	577	90.2	36-177
2,4-DB	1280	1010	78.9	48-150
DALAPON	1280	965	75.4	44-139
DICAMBA	128	96.6	75.5	48-141
DICHLORPROP (2,4-DP)	640	572	89.4	50-141
DINOSEB (DNBP)	320	275	85.9	52-134
MCPA	128000	116000	90.6	49-137
MCPP	128000	117000	91.4	73-127
<hr/>				
SURROGATE: 2,4-DCAA (S)	640	584	91.3	45-142
<hr/>				

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	HERB703.M
Extraction Date :	08/18/14
Analysis Date :	08/27/14
Instrument :	Herbie
Run :	0822111
Initials :	MA

Printed: 09/08/14 4:18:58 PM
 APPL Standard LCS

Method Blank

EPA 8270C - Water

Blank Name/QCG: **140818W-00464 - 188901**
 Batch ID: #SIM-140818AW

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	8/18/14	8/20/14
BLANK	ACENAPHTHENE	Not detected	0.2	0.06	ug/L	8/18/14	8/20/14
BLANK	ACENAPHTHYLENE	Not detected	0.2	0.06	ug/L	8/18/14	8/20/14
BLANK	ANTHRACENE	Not detected	0.2	0.05	ug/L	8/18/14	8/20/14
BLANK	BENZ(A)ANTHRACENE	Not detected	0.2	0.07	ug/L	8/18/14	8/20/14
BLANK	BENZO(A)PYRENE	Not detected	0.2	0.06	ug/L	8/18/14	8/20/14
BLANK	BENZO(B)FLUORANTHENE	Not detected	0.2	0.06	ug/L	8/18/14	8/20/14
BLANK	BENZO(G,H,I)PERYLENE	Not detected	0.2	0.08	ug/L	8/18/14	8/20/14
BLANK	BENZO(K)FLUORANTHENE	Not detected	0.2	0.07	ug/L	8/18/14	8/20/14
BLANK	CHRYSENE	Not detected	0.2	0.05	ug/L	8/18/14	8/20/14
BLANK	DIBENZ(A,H)ANTHRACENE	Not detected	0.2	0.05	ug/L	8/18/14	8/20/14
BLANK	FLUORANTHENE	Not detected	0.2	0.08	ug/L	8/18/14	8/20/14
BLANK	FLUORENE	Not detected	0.2	0.06	ug/L	8/18/14	8/20/14
BLANK	INDENO(1,2,3-CD)PYRENE	Not detected	0.2	0.07	ug/L	8/18/14	8/20/14
BLANK	NAPHTHALENE	Not detected	0.2	0.05	ug/L	8/18/14	8/20/14
BLANK	PHENANTHRENE	Not detected	0.2	0.07	ug/L	8/18/14	8/20/14
BLANK	PYRENE	Not detected	0.2	0.08	ug/L	8/18/14	8/20/14
BLANK	SURROGATE: 2-FLUORBIPHENYL (S)	62.2	50-110		%	8/18/14	8/20/14
BLANK	SURROGATE: NITROBENZENE-D5 (S)	45.4	40-110		%	8/18/14	8/20/14
BLANK	SURROGATE: TERPHENYL-D14 (S)	53.7	50-135		%	8/18/14	8/20/14

Quant Method: SIM.M
Run #: 0820L004
Instrument: Linus
Sequence: L140804
Initials: LF

GC SC-Blank-REG MDLs
 Printed: 8/21/14 10:28:44 AM

Laboratory Control Spike Recovery

EPA 8270C - Water

APPL ID: **140818W-00464 LCS - 188901**

Batch ID: #SIM-140818AW

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	2.35	58.8	45-105
ACENAPHTHENE	4.00	3.16	79.0	45-110
ACENAPHTHYLENE	4.00	3.51	87.8	50-105
ANTHRACENE	4.00	2.62	65.5	55-110
BENZ(A)ANTHRACENE	4.00	3.01	75.3	55-110
BENZO(A)PYRENE	4.00	3.00	75.0	55-110
BENZO(B)FLUORANTHENE	4.00	2.79	69.8	45-120
BENZO(G,H,I)PERYLENE	4.00	2.83	70.8	40-125
BENZO(K)FLUORANTHENE	4.00	3.24	81.0	45-125
CHRYSENE	4.00	2.77	69.3	55-110
DIBENZ(A,H)ANTHRACENE	4.00	3.06	76.5	40-125
FLUORANTHENE	4.00	2.89	72.3	55-115
FLUORENE	4.00	3.75	93.8	50-110
INDENO(1,2,3-CD)PYRENE	4.00	2.87	71.8	45-125
NAPHTHALENE	4.00	2.66	66.5	40-100
PHENANTHRENE	4.00	2.69	67.3	50-115
PYRENE	4.00	2.95	73.8	50-130

SURROGATE: 2-FLUORBIPHENYL (S)	2.00	1.33	66.5	50-110
SURROGATE: NITROBENZENE-D5 (S)	2.00	1.35	67.5	40-110
SURROGATE: TERPHENYL-D14 (S)	2.00	1.04	52.0	50-135

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	SIM.M
Extraction Date :	8/18/14
Analysis Date :	8/20/14
Instrument :	Linus
Run :	0820L005
Initials :	LF

Printed: 8/21/14 10:28:46 AM

APPL Standard LCS

Method Blank

EPA 8260B

Blank Name/QCG: **140814W-00579 - 188769**
 Batch ID: #8260-140814AL

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	08/14/14	08/14/14
BLANK	1,1,1-TRICHLOROETHANE	Not detected	0.5	0.14	ug/L	08/14/14	08/14/14
BLANK	1,1,2,2-TETRACHLOROETHANE	Not detected	0.5	0.10	ug/L	08/14/14	08/14/14
BLANK	1,1,2-TRICHLOROETHANE	Not detected	0.5	0.20	ug/L	08/14/14	08/14/14
BLANK	1,1-DICHLOROETHANE	Not detected	1.0	0.19	ug/L	08/14/14	08/14/14
BLANK	1,1-DICHLOROETHENE	Not detected	0.5	0.30	ug/L	08/14/14	08/14/14
BLANK	1,2-DICHLOROBENZENE	Not detected	0.5	0.17	ug/L	08/14/14	08/14/14
BLANK	1,2-DICHLOROETHANE	Not detected	0.5	0.14	ug/L	08/14/14	08/14/14
BLANK	1,2-DICHLOROPROPANE	Not detected	0.5	0.17	ug/L	08/14/14	08/14/14
BLANK	1,3-DICHLOROBENZENE	Not detected	0.5	0.11	ug/L	08/14/14	08/14/14
BLANK	1,4-DICHLOROBENZENE	Not detected	0.5	0.19	ug/L	08/14/14	08/14/14
BLANK	BENZENE	Not detected	0.5	0.16	ug/L	08/14/14	08/14/14
BLANK	BROMOBENZENE	Not detected	0.5	0.16	ug/L	08/14/14	08/14/14
BLANK	BROMODICHLOROMETHANE	Not detected	0.5	0.14	ug/L	08/14/14	08/14/14
BLANK	BROMOFORM	Not detected	0.5	0.14	ug/L	08/14/14	08/14/14
BLANK	BROMOMETHANE	Not detected	1.0	0.24	ug/L	08/14/14	08/14/14
BLANK	CARBON TETRACHLORIDE	Not detected	0.5	0.10	ug/L	08/14/14	08/14/14
BLANK	CHLOROBENZENE	Not detected	0.5	0.21	ug/L	08/14/14	08/14/14
BLANK	CHLOROETHANE	Not detected	0.5	0.21	ug/L	08/14/14	08/14/14
BLANK	CHLOROFORM	Not detected	0.5	0.07	ug/L	08/14/14	08/14/14
BLANK	CHLOROMETHANE	Not detected	0.5	0.42	ug/L	08/14/14	08/14/14
BLANK	CIS-1,2-DICHLOROETHENE	Not detected	0.5	0.16	ug/L	08/14/14	08/14/14
BLANK	CIS-1,3-DICHLOROPROPENE	Not detected	0.5	0.15	ug/L	08/14/14	08/14/14
BLANK	DIBROMOCHLOROMETHANE	Not detected	0.5	0.19	ug/L	08/14/14	08/14/14
BLANK	DIBROMOMETHANE	Not detected	0.5	0.20	ug/L	08/14/14	08/14/14
BLANK	DICHLORODIFLUOROMETHANE	Not detected	1.0	0.19	ug/L	08/14/14	08/14/14
BLANK	ETHYL BENZENE	Not detected	0.5	0.23	ug/L	08/14/14	08/14/14
BLANK	FREON-113	Not detected	0.5	0.21	ug/L	08/14/14	08/14/14
BLANK	METHYLENE CHLORIDE	Not detected	5.0	0.35	ug/L	08/14/14	08/14/14
BLANK	MTBE	Not detected	0.5	0.26	ug/L	08/14/14	08/14/14
BLANK	TETRACHLOROETHENE	Not detected	0.5	0.24	ug/L	08/14/14	08/14/14
BLANK	TOLUENE	Not detected	0.5	0.17	ug/L	08/14/14	08/14/14
BLANK	TRANS-1,2-DICHLOROETHENE	Not detected	0.5	0.19	ug/L	08/14/14	08/14/14
BLANK	TRANS-1,3-DICHLOROPROPENE	Not detected	0.5	0.18	ug/L	08/14/14	08/14/14

Quant Method: LALLW.M
Run #: 0814L11
Instrument: Loki
Sequence: 140812
Initials: SV

GC SC-Blank-REG MDLs
 Printed: 09/08/14 7:34:55 AM

Method Blank
EPA 8260B

Blank Name/QCG: **140814W-00579 - 188769**
Batch ID: #8260-140814AL

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	TRICHLOROETHENE	Not detected	0.5	0.16	ug/L	08/14/14	08/14/14
BLANK	TRICHLOROFLUOROMETHANE	Not detected	0.5	0.24	ug/L	08/14/14	08/14/14
BLANK	VINYL CHLORIDE	Not detected	0.5	0.23	ug/L	08/14/14	08/14/14
BLANK	XYLENES	Not detected	0.5	0.19	ug/L	08/14/14	08/14/14
BLANK	SURROGATE: 1,2-DICHLOROETHAN	99.9	70-125		%	08/14/14	08/14/14
BLANK	SURROGATE: 4-BROMOFLUOROBEN	94.9	72-133		%	08/14/14	08/14/14
BLANK	SURROGATE: DIBROMOFLUOROME	98.8	78-125		%	08/14/14	08/14/14
BLANK	SURROGATE: TOLUENE-D8 (S)	100	73-124		%	08/14/14	08/14/14

Quant Method: LALLW.M
Run #: 0814L11
Instrument: Loki
Sequence: 140812
Initials: SV

GC SC-Blank-REG MDLs
Printed: 09/08/14 7:34:55 AM

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: **140814W-00579 LCS - 188769**
 Batch ID: #8260-140814AL

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	9.97	99.7	73-124
1,1,1-TRICHLOROETHANE	10.00	9.78	97.8	67-125
1,1,2,2-TETRACHLOROETHANE	10.00	9.35	93.5	71-127
1,1,2-TRICHLOROETHANE	10.00	9.32	93.2	74-121
1,1-DICHLOROETHANE	10.00	9.58	95.8	62-132
1,1-DICHLOROETHENE	10.00	9.41	94.1	70-125
1,2-DICHLOROBENZENE	10.00	10.1	101	70-129
1,2-DICHLOROETHANE	10.00	10.0	100	68-123
1,2-DICHLOROPROPANE	10.00	9.53	95.3	77-125
1,3-DICHLOROBENZENE	10.00	10.2	102	69-129
1,4-DICHLOROBENZENE	10.00	10.1	101	71-126
BENZENE	10.00	9.64	96.4	68-124
BROMOBENZENE	10.00	10.1	101	65-130
BROMODICHLOROMETHANE	10.00	10.0	100	69-124
BROMOFORM	10.00	9.39	93.9	67-125
BROMOMETHANE	10.00	12.2	122	71-131
CARBON TETRACHLORIDE	10.00	9.70	97.0	70-122
CHLOROBENZENE	10.00	9.94	99.4	72-125
CHLOROETHANE	10.00	9.54	95.4	78-125
CHLOROFORM	10.00	9.60	96.0	69-122
CHLOROMETHANE	10.00	10.7	107	71-124
CIS-1,2-DICHLOROETHENE	10.00	9.76	97.6	72-123
CIS-1,3-DICHLOROPROPENE	10.00	9.79	97.9	70-125
DIBROMOCHLOROMETHANE	10.00	9.20	92.0	70-125
DIBROMOMETHANE	10.00	9.00	90.0	66-126
DICHLORODIFLUOROMETHANE	10.00	9.58	95.8	68-131
ETHYL BENZENE	10.00	10.5	105	70-123
FREON-113	10.00	9.69	96.9	74-138
METHYLENE CHLORIDE	10.00	10.0	100	78-118
MTBE	10.00	9.12	91.2	72-125
TETRACHLOROETHENE	10.00	10.2	102	62-136

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	LALLW.M
Extraction Date :	08/14/14
Analysis Date :	08/14/14
Instrument :	Loki
Run :	0814L07
Initials :	SV

Printed: 09/08/14 7:34:59 AM
 APPL Standard LCS

Laboratory Control Spike Recovery

EPA 8260B

APPL ID: 140814W-00579 LCS - 188769

Batch ID: #8260-140814AL

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/L	SPK Result ug/L	SPK % Recovery	Recovery Limits
TOLUENE	10.00	10.6	106	69-122
TRANS-1,2-DICHLOROETHENE	10.00	9.98	99.8	68-126
TRANS-1,3-DICHLOROPROPENE	10.00	9.64	96.4	62-127
TRICHLOROETHENE	10.00	9.24	92.4	70-128
TRICHLOROFLUOROMETHANE	10.00	9.47	94.7	66-132
VINYL CHLORIDE	10.00	9.35	93.5	79-138
XYLENES	30.0	32.1	107	73-145

SURROGATE: 1,2-DICHLOROETHANE-	25.6	23.7	92.6	70-125
SURROGATE: 4-BROMOFLUOROBENZ	25.5	27.0	106	72-133
SURROGATE: DIBROMOFLUOROMETH	27.0	25.1	93.1	78-125
SURROGATE: TOLUENE-D8 (S)	26.5	27.6	104	73-124

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	LALLW.M
Extraction Date :	08/14/14
Analysis Date :	08/14/14
Instrument :	Loki
Run :	0814L07
Initials :	SV

Printed: 09/08/14 7:34:59 AM

APPL Standard LCS

Method Blank

Gas-Water

Blank Name/QCG: 140814W-00579 - 188833
Batch ID: #GAS-140814A

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	8/14/14	8/14/14
BLANK	SURROGATE: BFB-FID (S)	97.8	70-130		%	8/14/14	8/14/14

Quant Method: HGAS.M
Run #: 0814H05
Instrument: Harpo
Sequence: 140617
Initials: LF

GC SC-Blank-REG MDLs
Printed: 8/19/14 11:32:12 AM

Laboratory Control Spike Recoveries

Gas-Water

APPL ID: 140814W-00579 LCS - 188833

Batch ID: #GAS-140814A

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	286	280	95.3	93.3	73-120	2.1	25
SURROGATE: BFB-FID (S)	30.0	31.9	31.5	106	105	70-130		

Comments: _____

<u>Primary</u>	<u>SPK</u>	<u>DUP</u>
Quant Method :	HGAS.M	HGAS.M
Extraction Date :	8/14/14	8/14/14
Analysis Date :	8/14/14	8/14/14
Instrument :	Harpo	Harpo
Run :	0814H03	0814H04
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
6010B	LEAD (PB)	Not detected	0.5	0.09	mg/kg	08/27/14	09/02/14	#MTL3-140827A-AZ00563
6010B	ANTIMONY (SB)	0.23 J	0.5	0.10	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
6010B	ARSENIC (AS)	Not detected	0.5	0.09	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
6010B	BARIUM (BA)	Not detected	0.5	0.05	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
6010B	BERYLLIUM (BE)	Not detected	0.2	0.04	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
6010B	CADMIUM (CD)	Not detected	0.5	0.03	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
6010B	CHROMIUM (CR)	Not detected	0.5	0.03	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
6010B	COBALT (CO)	Not detected	0.5	0.05	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
6010B	COPPER (CU)	Not detected	0.5	0.09	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
6010B	LEAD (PB)	Not detected	0.5	0.09	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
6010B	MOLYBDENUM (MO)	Not detected	0.5	0.07	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
6010B	NICKEL (NI)	Not detected	0.5	0.07	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
6010B	SELENIUM (SE)	Not detected	0.5	0.24	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
6010B	SILVER (AG)	Not detected	0.1	0.04	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
6010B	THALLIUM (TL)	Not detected	2.0	0.21	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
6010B	VANADIUM (V)	Not detected	0.5	0.06	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
6010B	ZINC (ZN)	Not detected	5.0	1.15	mg/kg	08/27/14	09/02/14	#CAMS-140827A-AZ00577
7471A	MERCURY	Not detected	0.1	0.02	mg/Kg	08/27/14	08/29/14	#HGS-A140827-AZ00577
6010B	ANTIMONY (SB)	Not detected	5.0	1.84	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	ARSENIC (AS)	Not detected	5.0	2.45	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	BARIUM (BA)	Not detected	5.0	0.75	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	BERYLLIUM (BE)	Not detected	2.0	0.24	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	CADMIUM (CD)	Not detected	5.0	0.51	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	CHROMIUM (CR)	Not detected	5.0	1.37	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	COBALT (CO)	Not detected	5.0	0.63	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	COPPER (CU)	Not detected	5.0	1.71	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	LEAD (PB)	Not detected	3.0	1.58	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	MOLYBDENUM (MO)	Not detected	5.0	0.53	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	NICKEL (NI)	1.3 J	5.0	0.42	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	SELENIUM (SE)	Not detected	5.0	3.17	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	SILVER (AG)	Not detected	1.0	0.58	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	THALLIUM (TL)	Not detected	5.0	1.77	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
6010B	VANADIUM (V)	Not detected	5.0	0.97	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464

J = Estimated value.

METALS BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date	QC Group
6010B	ZINC (ZN)	Not detected	50.0	2.74	ug/L	08/20/14	08/28/14	#CAM17-140820A-AZ00464
7470A	MERCURY (HG)	Not detected	0.2	0.06	ug/L	08/20/14	08/28/14	#HG-140820A-AZ00464

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
EPA 6010B	ANTIMONY (SB)	25.0	23.4	93.6	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 6010B	ARSENIC (AS)	25.0	22.1	88.4	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 6010B	BARIUM (BA)	25.0	22.8	91.2	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 6010B	BERYLLIUM (BE)	5.00	4.7	94.0	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 6010B	CADMIUM (CD)	5.00	4.6	92.0	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 6010B	CHROMIUM (CR)	25.0	22.9	91.6	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 6010B	COBALT (CO)	25.0	22.8	91.2	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 6010B	COPPER (CU)	25.0	22.8	91.2	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 6010B	LEAD (PB)	25.0	22.9	91.6	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 6010B	MOLYBDENUM (MO)	25.0	23.4	93.6	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 6010B	NICKEL (NI)	25.0	23.4	93.6	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 6010B	SELENIUM (SE)	25.0	22.3	89.2	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 6010B	SILVER (AG)	10.00	9.1	91.0	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 6010B	THALLIUM (TL)	25.0	23.8	95.2	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 6010B	VANADIUM (V)	25.0	23.7	94.8	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 6010B	ZINC (ZN)	50.0	46.5	93.0	75-125	08/27/14	09/02/14	#CAMS-140827A-AZ00577
EPA 7471A	MERCURY	0.667	0.82	123 #	80-120	08/27/14	08/29/14	#HGS-A140827-AZ00577

= Recovery is outside QC limits.

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
EPA 6010B	ANTIMONY (SB)	250	243	97.2	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	ARSENIC (AS)	250	236	94.4	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	BARIUM (BA)	250	245	98.0	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	BERYLLIUM (BE)	50.0	51.4	103	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	CADMIUM (CD)	50.0	47.6	95.2	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	CHROMIUM (CR)	250	245	98.0	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	COBALT (CO)	250	248	99.2	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	COPPER (CU)	250	239	95.6	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	LEAD (PB)	250	244	97.6	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	MOLYBDENUM (MO)	250	248	99.2	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	NICKEL (NI)	250	243	97.2	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	SELENIUM (SE)	250	234	93.6	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	SILVER (AG)	100.0	95.6	95.6	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	THALLIUM (TL)	250	250	100	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	VANADIUM (V)	250	256	102	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 6010B	ZINC (ZN)	500	497	99.4	75-125	08/20/14	08/28/14	#CAM17-140820A-AZ00464
EPA 7470A	MERCURY (HG)	4.00	4.4	110	85-115	08/20/14	08/28/14	#HG-140820A-AZ00464

Comments: _____

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
EPA 6010B	LEAD (PB)	25.0	22.9	91.6	80-120	08/27/14	09/02/14	#MTL3-140827A-AZ00563

Comments: _____

Matrix Spike Recovery
METALS

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample ID: AZ00577
Client ID: S-18-0.5'

Method	Compound Name	Spike Level mg/Kg	Matrix Result mg/Kg	SPK Result mg/Kg	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group	QC Sample
EPA 7471A	MERCURY	0.616	ND	0.80	130 #	80-120	08/27/14	08/29/14	#HGS-A140827	AZ00577

= Recovery is outside QC limits.

Comments: _____

METALS

Sample/Sample Duplicate Results

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

Sample ID: AZ00577
Client ID: S-18-0.5'

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Frank Gegunde

Project: 18715320 Florence

ARF: 73983

Method	Analyte	Sample ID	Sample Result	Sample Dup Result	RPD	RPD Max	MDL	PQL	Units	Sample Extract Date	Sample Analysis Date	Sample Dup Extract Date	Sample Dup Analysis Date
7471A/7471A	MERCURY	AZ00577	Not detected	Not detected	0.0	20	0.02	0.1	mg/Kg	08/27/14	08/29/14	08/27/14	08/29/14

Printed: 09/03/14 3:23:08 PM

Dup-SCII (NoMC)



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

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

CHAIN OF CUSTODY RECORD

C.O.C. 44119

73983

1 of 2
YL 8/13/14

Report to: PLEASE PRINT
Company Name: WLS Corporation Phone: 559 256 1468
Address: 30 River Park Place West #180
Presno, CA 93720 Fax: _____
Attn: Frank Gegrunde

Invoice to: PLEASE PRINT
Company Name: Same Phone: _____
Address: _____ Fax: _____
Attn: _____

Project Name/Number	Sampler (Print)	Analysis Requested/Method Number					Date Shipped:		
		Matrix			Date Shipped:				
Purchase Order Number	Sampler (Signature)	Lead (6010B)	Title 22 Metals (6010B)	OCs 8081A	Chlor. Herbicides (815)	TPHD/O 6015M	TPHg/OCs 8240B	PARTS 8270 SUR	Carrier:
Sample Identification	Location								Aq	Sed.	Soil	Waybill No.:
Date Collected	Time Collected	Time Zone	No. of Containers	Comments:					
<u>Florence</u>	<u>T. Pender</u>								<u>H = Hold</u>
<u>18719320</u>	<u>[Signature]</u>								
<u>S-10-0.5'</u>	<u>Florence</u>	<u>8/13/14</u>	<u>0820</u>	<u>Pac</u>	<u>2</u>				
<u>S-10-2.5'</u>			<u>0830</u>		<u>1</u>				
<u>S-11-0.5'</u>			<u>0840</u>		<u>4</u>				<u>Lab duplicate</u>
<u>S-11-2.5'</u>			<u>0850</u>		<u>1</u>				
<u>S-12-0.5'</u>			<u>0900</u>		<u>2</u>				
<u>S-12-2.5'</u>			<u>0910</u>		<u>1</u>				
<u>S-13-0.5'</u>			<u>0920</u>		<u>2</u>				
<u>S-13-2.5'</u>			<u>0930</u>		<u>1</u>				
<u>S-14-0.5'</u>			<u>0940</u>		<u>2</u>				<u>Lab duplicate</u>
<u>S-14-2.5'</u>			<u>0950</u>		<u>1</u>				
<u>S-15-0.5'</u>			<u>1000</u>		<u>2</u>				
Shuttle Temperature:	Turnaround Requested: Check one <input checked="" type="checkbox"/> Standard 2-3 wk <input type="checkbox"/> One week <input type="checkbox"/> 24/48 Hrs. <input type="checkbox"/> Other				Sample Disposal: <input type="checkbox"/> Return to client <input checked="" type="checkbox"/> Disposal by Lab (30-day retention)				
Relinquished by sampler:	Date	Time	Received by:		Relinquished by:	Date	Time	Received by:	
<u>[Signature]</u>	<u>8/13/14</u>	<u>1200</u>	<u>[Signature]</u>		<u>Chad Neptune</u>	<u>8/13/14</u>	<u>1130</u>	<u>[Signature]</u>	
Relinquished by:	Date	Time	Received by:		Relinquished by:	Date	Time	Received at lab by:	
						<u>5.13.14</u>	<u>1136</u>	<u>[Signature]</u>	

White: Return to client with report

Yellow: Laboratory Copy

Pink: Sampler

See reverse side for Container Preservation and Sampling Information



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

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

CHAIN OF CUSTODY RECORD

C.O.C.

44120

2 of 2

Report to: PLEASE PRINT	Invoice to: PLEASE PRINT
Company Name: <u>WES Corporation</u> Phone: <u>559 256 1468</u>	Company Name: <u>same</u> Phone: _____
Address: <u>30 River Park Place West #180</u> <u>Fresno, CA 93720</u>	Address: _____
Attn: <u>Frank Segunda</u>	Attn: _____

Project Name/Number	Sampler (Print)	Analysis Requested/Method Number					Date Shipped:
		Matrix			Date Shipped:		
Purchase Order Number	Sampler (Signature)	Aq	Sed.	Soil	Lead (6010)	TPH ₂ (8015)	Carrier:
Sample Identification	Location	Date Collected	Time Collected	Time Zone	No. of Containers	TPH ₁ (8015)	Waybill No.:
<u>Florence</u>	<u>T. Pender</u>						
<u>18715220</u>	<u>[Signature]</u>						
<u>5-15-2.5'</u>	<u>Florence</u>	<u>8/13/14</u>	<u>1010</u>	<u>Pac</u>	<u>1</u>	<u>X</u>	<u>H = Hold</u>
<u>5-16-0.5</u>			<u>1020</u>		<u>2</u>	<u>X</u>	
<u>5-16-2.5'</u>			<u>1030</u>		<u>1</u>	<u>H</u>	
<u>5-17-0.5'</u>			<u>1040</u>		<u>2</u>	<u>X</u>	<u>Lab Duplicate</u>
<u>5-17-2.5'</u>			<u>1050</u>		<u>1</u>	<u>H</u>	
<u>5-18-0.5'</u>			<u>1100</u>		<u>2</u>	<u>X</u>	
<u>5-18-2.5'</u>			<u>1110</u>		<u>1</u>	<u>H</u>	
<u>MW-2</u>			<u>1130</u>		<u>6</u>	<u>X</u>	

Shuttle Temperature:	Turnaround Requested: Check one <input checked="" type="checkbox"/> Standard 2-3 wk <input type="checkbox"/> One week <input type="checkbox"/> 24/48 Hrs. <input type="checkbox"/> Other	Sample Disposal: <input type="checkbox"/> Return to client <input checked="" type="checkbox"/> Disposal by Lab (30-day retention)
Relinquished by sampler: <u>[Signature]</u>	Date: <u>8/13/14</u> Time: <u>1200</u>	Received by: <u>[Signature]</u>
Relinquished by:	Date: <u>8/13/14</u> Time: <u>1130</u>	Received by: <u>[Signature]</u>

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)

October 2, 2014

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

Attn: Frank Gegunde

Subject: Report of Data: Case 73983 **Addendum**

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:

Twenty-two samples for project "18715320 Florence" were received August 13, 2014, in good condition. Nine samples were placed on hold, upon receipt.

ADDENDUM: On September 10, 2014, nine samples were taken off hold for EPA 8081A and lead analysis;. The request for EPA 8081A analysis was added more than 14 days after collection. Written results are being provided on this October 2, 2014, for the added analyses.

For the EPA 8081A analysis, the soil samples were extracted according to EPA method 3550B. Endrin recovered high in the lab control spike and one surrogate was high in sample S-3-2.5". All other surrogate and spike recoveries were acceptable.

For the EPA 6010B analysis, the soil samples were digested according to EPA method 3050B.

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 _____

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-10-2.5'

Sample Collection Date: 8/13/2014

ARF: 73983

APPL ID: AZ00559

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	Not detected	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	75.5	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	66.4	25-147		%	09/10/14	09/26/14

Quant Method: OCL0919.M
Run #: 0923136
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:37:55 PM

APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-11-2.5'

Sample Collection Date: 8/13/2014

ARF: 73983

APPL ID: AZ00562

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	Not detected	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	78.4	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	46.1	25-147		%	09/10/14	09/26/14

Quant Method: OCL0919.M
Run #: 0923137
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:37:55 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-12-2.5'

Sample Collection Date: 8/13/2014

ARF: 73983

APPL ID: AZ00564

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	Not detected	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	57.5	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	51.4	25-147		%	09/10/14	09/26/14

Quant Method: OCL0919.M
Run #: 0923141
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:37:55 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-13-2.5'

Sample Collection Date: 8/13/2014

ARF: 73983

APPL ID: AZ00566

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	Not detected	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	98.2	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	72.5	25-147		%	09/10/14	09/26/14

Quant Method: OCL0919.M
Run #: 0923142
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:37:55 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-14-2.5'

Sample Collection Date: 8/13/2014

ARF: 73983

APPL ID: AZ00569

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	160	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	67	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	3.5 J	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	107	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	82.0	25-147		%	09/10/14	09/26/14

J = Estimated value.

Quant Method: OCL0919.M
Run #: 0923143
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:37:55 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-15-2.5'

Sample Collection Date: 8/13/2014

ARF: 73983

APPL ID: AZ00571

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	Not detected	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	84.4	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	61.8	25-147		%	09/10/14	09/26/14

Quant Method: OCL0919.M
Run #: 0923144
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:37:55 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-16-2.5'

Sample Collection Date: 8/13/2014

ARF: 73983

APPL ID: AZ00573

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	21 J	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	35 J	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	6.4 J	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	85.8	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	68.8	25-147		%	09/10/14	09/26/14

J = Estimated value.

Quant Method: OCL0919.M
Run #: 0923145
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:37:55 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-17-2.5'

Sample Collection Date: 8/13/2014

ARF: 73983

APPL ID: AZ00576

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	10 J	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	3.2 J	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	91.4	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	72.8	25-147		%	09/10/14	09/26/14

J = Estimated value.

Quant Method: OCL0919.M
Run #: 0923146
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:37:55 PM
APPL-F1-SC-NoMC-REG MDLs

EPA 8081A OCL 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: 18715320 Florence

Sample ID: S-18-2.5'

Sample Collection Date: 8/13/2014

ARF: 73983

APPL ID: AZ00578

QCG: #8081S-140910A-190283

Method	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
EPA 8081A	4,4'-DDE	Not detected	50.0	1.60	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-DDT	Not detected	50.0	0.40	ug/kg	09/10/14	09/26/14
EPA 8081A	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	09/10/14	09/26/14
EPA 8081A	A-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ALDRIN	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	B-BHC	Not detected	50.0	1.00	ug/kg	09/10/14	09/26/14
EPA 8081A	D-BHC	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	DIELDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	09/10/14	09/26/14
EPA 8081A	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	09/10/14	09/26/14
EPA 8081A	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	09/10/14	09/26/14
EPA 8081A	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	09/10/14	09/26/14
EPA 8081A	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	09/10/14	09/26/14
EPA 8081A	TOXAPHENE	Not detected	1000	15.7	ug/kg	09/10/14	09/26/14
EPA 8081A	SURROGATE: DECACHLOROBIPHEN	90.5	44-147		%	09/10/14	09/26/14
EPA 8081A	SURROGATE: TCMX (S)	66.8	25-147		%	09/10/14	09/26/14

Quant Method: OCL0919.M
Run #: 0923147
Instrument: Ethel
Sequence: 140923
Dilution Factor: 1
Initials: DA

Printed: 9/29/2014 2:37:55 PM
APPL-F1-SC-NoMC-REG MDLs

Metals Results

ARF: 73983

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: AZ00559 -Client Sample ID: S-10-2.5'							-Sample Collection Date: 08/13/14	Project: 18715320 Florence
6010B	LEAD (PB)	2.2	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00562 -Client Sample ID: S-11-2.5'							-Sample Collection Date: 08/13/14	Project: 18715320 Florence
6010B	LEAD (PB)	2.6	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00564 -Client Sample ID: S-12-2.5'							-Sample Collection Date: 08/13/14	Project: 18715320 Florence
6010B	LEAD (PB)	3.1	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00566 -Client Sample ID: S-13-2.5'							-Sample Collection Date: 08/13/14	Project: 18715320 Florence
6010B	LEAD (PB)	1.7	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00569 -Client Sample ID: S-14-2.5'							-Sample Collection Date: 08/13/14	Project: 18715320 Florence
6010B	LEAD (PB)	8.4	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00571 -Client Sample ID: S-15-2.5'							-Sample Collection Date: 08/13/14	Project: 18715320 Florence
6010B	LEAD (PB)	3.6	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00573 -Client Sample ID: S-16-2.5'							-Sample Collection Date: 08/13/14	Project: 18715320 Florence
6010B	LEAD (PB)	7.0	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00576 -Client Sample ID: S-17-2.5'							-Sample Collection Date: 08/13/14	Project: 18715320 Florence
6010B	LEAD (PB)	12.7	0.5	0.09	mg/kg	1	10/01/14	10/01/14
APPL ID: AZ00578 -Client Sample ID: S-18-2.5'							-Sample Collection Date: 08/13/14	Project: 18715320 Florence
6010B	LEAD (PB)	2.2	0.5	0.09	mg/kg	1	10/01/14	10/01/14

Method Blank
EPA 8081A OCL SOIL

Blank Name/QCG: **140910S-00446 - 190283**
Batch ID: #8081S-140910A

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Sample Type	Analyte	Result	PQL	MDL	Units	Extraction Date	Analysis Date
BLANK	4,4'-DDE	Not detected	50.0	1.60	ug/kg	9/10/2014	9/26/2014
BLANK	4,4'-DDT	Not detected	50.0	0.40	ug/kg	9/10/2014	9/26/2014
BLANK	4,4'-TDE/DDD	Not detected	50.0	1.80	ug/kg	9/10/2014	9/26/2014
BLANK	A-BHC	Not detected	50.0	1.00	ug/kg	9/10/2014	9/26/2014
BLANK	A-CHLORDANE	Not detected	50.0	2.10	ug/kg	9/10/2014	9/26/2014
BLANK	ALDRIN	Not detected	50.0	1.40	ug/kg	9/10/2014	9/26/2014
BLANK	B-BHC	Not detected	50.0	1.00	ug/kg	9/10/2014	9/26/2014
BLANK	D-BHC	Not detected	50.0	1.10	ug/kg	9/10/2014	9/26/2014
BLANK	DIELDRIN	Not detected	50.0	1.10	ug/kg	9/10/2014	9/26/2014
BLANK	ENDOSULFAN I	Not detected	50.0	0.44	ug/kg	9/10/2014	9/26/2014
BLANK	ENDOSULFAN II	Not detected	50.0	0.44	ug/kg	9/10/2014	9/26/2014
BLANK	ENDOSULFAN SULFATE	Not detected	50.0	0.44	ug/kg	9/10/2014	9/26/2014
BLANK	ENDRIN	Not detected	50.0	1.10	ug/kg	9/10/2014	9/26/2014
BLANK	ENDRIN ALDEHYDE	Not detected	50.0	2.90	ug/kg	9/10/2014	9/26/2014
BLANK	ENDRIN KETONE	Not detected	50.0	3.50	ug/kg	9/10/2014	9/26/2014
BLANK	G-BHC (LINDANE)	Not detected	50.0	0.90	ug/kg	9/10/2014	9/26/2014
BLANK	G-CHLORDANE	Not detected	50.0	2.10	ug/kg	9/10/2014	9/26/2014
BLANK	HEPTACHLOR	Not detected	50.0	1.10	ug/kg	9/10/2014	9/26/2014
BLANK	HEPTACHLOR EPOXIDE	Not detected	50.0	1.10	ug/kg	9/10/2014	9/26/2014
BLANK	METHOXYCHLOR	Not detected	50.0	1.40	ug/kg	9/10/2014	9/26/2014
BLANK	TOXAPHENE	Not detected	1000	15.7	ug/kg	9/10/2014	9/26/2014
BLANK	SURROGATE: DECACHLOROBIPHEN	86.9	44-147		%	9/10/2014	9/26/2014
BLANK	SURROGATE: TCMX (S)	66.9	25-147		%	9/10/2014	9/26/2014

Quant Method: OCL0919.M
Run #: 0923125
Instrument: Ethel
Sequence: 140923
Initials: DA

GC SC-Blank-REG MDLs
Printed: 9/29/2014 2:37:58 PM

Laboratory Control Spike Recovery

EPA 8081A OCL SOIL

APPL ID: 140910S-00446 LCS - 190283

Batch ID: #8081S-140910A

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Compound Name	Spike Level ug/kg	SPK Result ug/kg	SPK % Recovery	Recovery Limits
4,4'-DDE	100	114	114	55-124
4,4'-DDT	100	105	105	48-138
4,4'-TDE/DDD	100	122	122	53-130
A-BHC	100	106	106	44-131
A-CHLORDANE	100	123	123	51-125
ALDRIN	100	110	110	45-124
B-BHC	100	70.1	70.1	58-131
D-BHC	100	101	101	40-136
DIELDRIN	100	117	117	58-127
ENDOSULFAN I	100	123	123	66-124
ENDOSULFAN II	100	118	118	54-131
ENDOSULFAN SULFATE	100	126	126	49-134
ENDRIN	100	153	153 #	49-143
ENDRIN ALDEHYDE	100	109	109	25-125
ENDRIN KETONE	100	125	125	46-129
G-BHC (LINDANE)	100	112	112	53-129
G-CHLORDANE	100	120	120	52-123
HEPTACHLOR	100	122	122	48-133
HEPTACHLOR EPOXIDE	100	123	123	53-124
METHOXYCHLOR	100	127	127	51-140
TOXAPHENE	1670	1520	91.0	52-122

SURROGATE: DECACHLOROBIPHENYL	333	303	91.0	44-147
SURROGATE: TCMX (S)	333	240	72.1	25-147

= Recovery is outside QC limits.

Comments: _____

<u>Primary</u>	<u>SPK</u>
Quant Method :	OCL0919.M
Extraction Date :	9/10/2014
Analysis Date :	9/26/2014
Instrument :	Ethel
Run :	0923126
Initials :	DA

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APPL Standard LCS

METALS BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date	QC Group
6010B	LEAD (PB)	0.18 J	0.5	0.09	mg/kg	10/01/14	10/01/14	#MTL3-141001A-AZ00578

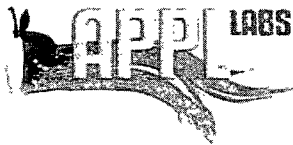
J = Estimated value.

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
EPA 6010B	LEAD (PB)	25.0	24.1	96.4	80-120	10/01/14	10/01/14	#MTL3-141001A-AZ00578

Comments: _____



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

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

CHAIN OF CUSTODY RECORD

C.O.C.

44120

2 of 2

Report to: PLEASE PRINT
Company Name: WES Corporation Phone: 559 256 1468
Address: 30 River Park Place West #180
Fresno, CA 93720 Fax: _____
Attn: Frank Begunda

Invoice to: PLEASE PRINT
Company Name: same Phone: _____
Address: _____ Fax: _____
Attn: _____

Project Name/Number	Sampler (Print)	Analysis Requested/Method Number					Date Shipped:						
		Matrix			Analysis Requested/Method Number								
Purchase Order Number	Sampler (Signature)	Aq	Sed.	Soil	Lead (color)	TPH, 22 metals 6010B	OC's 8081A	Chlor. Herbicides 8151	TPH 10 8015A	TPH/Vol. 8260B	PAHs 8270 5mg	Carrier:	
Sample Identification	Location	Date Collected	Time Collected	Time Zone	No. of Containers							Waybill No.:	
5-15-2.5'	Florence	8/13/14	1010 1000	Pac	1			X					H = Hold
5-16-0.5	↓	↓	1020	↓	2			X	X	X			
5-16-2.5'	↓	↓	1030	↓	1			H	H	H			
5-17-0.5'	↓	↓	1040	↓	4			X	X	X			Lab Duplicate
5-17-2.5'	↓	↓	1050	↓	1			H	H	H			
5-18-0.5'	↓	↓	1100	↓	2			X	X	X			
5-18-2.5'	↓	↓	1110	↓	1			H	H	H			
MW-2	↓	↓	1130	↓	6	X		X	X		X	X	

Shuttle Temperature: _____ Turnaround Requested: Check one
 Standard 2-3 wk One week 24/48 Hrs. Other
 Sample Disposal: Return to client... Disposal by Lab (30-day retention)
 Relinquished by sampler: _____ Date: 8/13/14 Time: 1200 Received by: _____
 Relinquished by: _____ Date: 8/13/14 Time: 1130 Received by: _____

White: Return to client with report
 Yellow: Laboratory Copy
 Pink: Sampler
 See reverse side for Container Preservation and Sampling Information



August 14, 2014

Mr. Frank Gegunde
URS Corp
30 River Park Place West, Suite 180
Fresno, CA 93720

Dear Mr. Gegunde:

This letter presents the results of the soil vapor investigation conducted by Optimal Technology (Optimal), for URS Corp on August 12-13, 2014. The study was performed at 46 E. Florence Ave., Fresno, California.

Optimal was contracted to perform a soil vapor survey at this site to screen for possible chlorinated solvents and aromatic hydrocarbons. The primary objective of this soil vapor investigation was to determine if soil vapor contamination is present in the subsurface soil.

Gas Sampling Method

Gas sampling was performed by hydraulically pushing soil gas probes to a depth of 5.0-15.0 feet below ground surface (bgs). An electric rotary hammer drill was used to drill a 1.0-inch diameter hole through the overlying surface to allow probe placement when required. The same electric hammer drill was used to push probes in areas of resistance during placement.

At each sampling location an electric vacuum pump set to draw 0.2 liters per minute (L/min) of soil vapor was attached to the probe and purged prior to sample collection. Vapor samples were obtained in SGE gas-tight syringes by drawing the sample through a luer-lock connection which connects the sampling probe and the vacuum pump. Samples were immediately injected into the gas chromatograph/purge and trap after collection. New tubing was used at each sampling point to prevent cross contamination.

All analyses were performed on a laboratory grade Hewlett Packard model 5890 Series II gas chromatograph equipped with a Hewlett Packard model 5971 Mass Spectra Detector and Tekmar LSC 2000 Purge and Trap. An SGE capillary column using helium as the carrier gas was used to perform all analysis. All results were collected on a personal computer utilizing Hewlett Packard's 5971 MS and chromatographic data collection and handling system.

Quality Assurance

5-Point Calibration

The initial five point calibration consisted of 20, 50, 100, 200 and 500 ul injections of the calibration standard. A calibration factor on each analyte was generated using a best fit line method using the HP data system. If the r^2 factor generated from this line was not greater than 0.990, an additional five point calibration would have been performed. Method reporting limits were calculated to be 0.01-1.0 micrograms per Liter (ug/L) for the individual compounds.

A daily calibration check and end of run calibration check was performed using a pre-mixed standard supplied by Scotty Analyzed Gases. The standard contained common halogenated solvents and aromatic hydrocarbons (see Table 1). The individual compound concentrations in the standards ranged between 0.025 nanograms per microliter (ng/ul) and 0.25 ng/ul.

TABLE 1

Acetone	Benzene	Bromobenzene
Bromochloromethane	Bromodichloromethane	Bromoform
Bromomethane	2-Butanone (MEK)	n-Butylbenzene
sec-Butylbenzene	tert-Butylbenzene	Carbon Tetrachloride
Chlorobenzene	Chloroethane	Chloroform
Chloromethane	2-Chlorotoluene	4-Chlorotoluene
Cyclohexane	Dibromochloromethane	1,2-Dibromo-3-chloropropane
1,2-Dibromoethane	Dibromomethane	1,2-Dichlorobenzene
1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane
1,2-Dichloroethane	1,1-Dichloroethane	1,1-Dichloroethene
cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane
2,2-Dichloropropane	1,3-Dichloropropane	1,1-Dichloropropene
Ethylbenzene	Freon 113	Hexachlorobutadiene
Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride
4-Methyl-2-Pentanone	Naphthalene	n-Propylbenzene
Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane
Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene
1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane
Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane
1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride
m/p-Xylene	o-Xylene	Diisopropyl Ether (DIPE)
Ethyl Tert Butyl Ether	MTBE	Tert-Amyl Methyl Ether
Tertiary Butyl Alcohol	Isobutane	

Purge Volume Test

"Purge volume" is the total internal volume of the sampling probe. Three separate purge volumes were tested: 1, 3, and 10 volumes. It was found that 3 volumes were best for this soil vapor survey.

Sample Replicates

A replicate analysis (duplicate) was run each day to evaluate the reproducibility of the sampling system and instrument. The difference between samples did not vary more than 20%.

Equipment Blanks

Blanks were run at the beginning of each workday and after calibrations. The blanks were collected using an ambient air sample. These blanks checked the septum, syringe, GC column, GC detector and the ambient air. Contamination was not found in any of the blanks analyzed during this investigation. Blank results are given along with the sample results.

Tracer Gas

A tracer gas was applied to the soil gas probes at each point of connection in which ambient air could enter the sampling system. These points include 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 found in any of the samples collected.

Scope of Work

To achieve the objective of this investigation a total of 18 vapor samples were collected from 9 locations at the site. Sampling depths, vacuum readings, purge volume and sampling volumes are given on the analytical results page. All the collected vapor samples were analyzed on-site using Optimal's mobile laboratory.

Subsurface Conditions

Subsurface soil conditions at this site were predominately silty-sand from ground surface to 15.0 feet below ground surface. These soil conditions offered sampling flows at 0" water vacuum.

Results

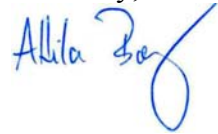
During this vapor investigation SG-3-5' contained 0.14 ug/L of Benzene. Additionally, SG-8-15' contained 0.15 ug/L of Tetrachloroethene (PCE). None of the other compounds listed in Table 1 above were detected above the listed reporting limits. A complete table of analytical results is included with this report.

Disclaimer

All conclusions presented in this letter are based solely on the information collected by the soil vapor survey conducted by Optimal Technology. Soil vapor testing is only a subsurface

screening tool and does not represent actual contaminant concentrations in either the soil and/or groundwater. We enjoyed working with you on this project and look forward to future projects. If you have any questions please contact me at (877) 764-5427.

Sincerely,

A handwritten signature in blue ink that reads "Attila Baly". The signature is written in a cursive style with a large, looping flourish at the end.

Attila Baly
Project Manager



SOIL VAPOR RESULTS

Site Name: 46 E. Florence Ave., Fresno, CA
Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

Lab Name: Optimal Technology
Inst. ID: HP-5890 Series II
Detector: HP-5971 Mass Spectrometer

Date: 8/12/14
Page: 4 of 6

SAMPLE ID	SG-8-5'	SG-8-15'	SG-9-5'	SG-9-5' Dup				
Sampling Depth (Ft.)	5.0	15.0	5.0	5.0				
Purge Volume (ml)	1,500	3,215	1,500	1,500				
Vacuum (in. of Water)	0	0	0	0				
Injection Volume (ul)	50,000	50,000	50,000	50,000				
Dilution Factor	1	1	1	1				

COMPOUND	REP. LIMIT	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)			
1,1-Dichloropropene	1.00	ND	ND	ND	ND			
Ethylbenzene	0.40	ND	ND	ND	ND			
Freon 113	1.00	ND	ND	ND	ND			
Hexachlorobutadiene	1.00	ND	ND	ND	ND			
Isopropylbenzene	1.00	ND	ND	ND	ND			
p-Isopropyltoluene	1.00	ND	ND	ND	ND			
Methylene Chloride	1.00	ND	ND	ND	ND			
4-Methyl-2-Pentanone	1.00	ND	ND	ND	ND			
Naphthalene	0.03	ND	ND	ND	ND			
n-Propylbenzene	1.00	ND	ND	ND	ND			
Styrene	1.00	ND	ND	ND	ND			
1,1,1,2-Tetrachloroethane	1.00	ND	ND	ND	ND			
1,1,2,2-Tetrachloroethane	1.00	ND	ND	ND	ND			
Tetrachloroethene (PCE)	0.10	ND	0.15	ND	ND			
Toluene	1.00	ND	ND	ND	ND			
1,2,3-Trichlorobenzene	1.00	ND	ND	ND	ND			
1,2,4-Trichlorobenzene	1.00	ND	ND	ND	ND			
1,1,1-Trichloroethane	1.00	ND	ND	ND	ND			
1,1,2-Trichloroethane	1.00	ND	ND	ND	ND			
Trichloroethene (TCE)	0.10	ND	ND	ND	ND			
Trichlorofluoromethane	1.00	ND	ND	ND	ND			
1,2,3-Trichloropropane	1.00	ND	ND	ND	ND			
1,2,4-Trimethylbenzene	1.00	ND	ND	ND	ND			
1,3,5-Trimethylbenzene	1.00	ND	ND	ND	ND			
Vinyl Chloride	0.01	ND	ND	ND	ND			
m/p-Xylene	1.00	ND	ND	ND	ND			
o-Xylene	1.00	ND	ND	ND	ND			
Diisopropyl Ether (DIPE)	1.00	ND	ND	ND	ND			
Ethyl Tert Butyl Ether	1.00	ND	ND	ND	ND			
MTBE	1.00	ND	ND	ND	ND			
Tert-Amyl Methyl Ether (TAME)	1.00	ND	ND	ND	ND			
Tertiary Butyl Alcohol	1.00	ND	ND	ND	ND			
Isobutane (Tracer Gas)	1.00	ND	ND	ND	ND			

Note: ND = Below Listed Reporting Limit



SOIL VAPOR RESULTS

Site Name: 46 E. Florence Ave., Fresno, CA
Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

Lab Name: Optimal Technology
Inst. ID: HP-5890 Series II
Detector: HP-5971 Mass Spectrometer

Date: 8/13/14
Page: 6 of 6

SAMPLE ID	BLANK-2	SG-1-5'	SG-1-15'	SG-4-5'	SG-4-15'	SG-7-5'	SG-7-15'	SG-7-15' Dup
Sampling Depth (Ft.)	N/A	5.0	15.0	5.0	15.0	5.0	15.0	15.0
Purge Volume (ml)	N/A	1,500	3,215	1,500	3,215	1,500	3,215	3,215
Vacuum (in. of Water)	N/A	0	0	0	0	0	0	0
Injection Volume (ul)	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Dilution Factor	1	1	1	1	1	1	1	1

COMPOUND	REP. LIMIT	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)
1,1-Dichloropropene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	0.40	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	1.00	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	0.03	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	0.10	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	0.10	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.01	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Diisopropyl Ether (DIPE)	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Tert Butyl Ether	1.00	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Tert-Amyl Methyl Ether (TAME)	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Tertiary Butyl Alcohol	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane (Tracer Gas)	1.00	ND	ND	ND	ND	ND	ND	ND	ND

Note: ND = Below Listed Reporting Limit