REPORT

PHASE II ENVIRONMENTAL SITE ASSESSMENT
SAN JOAQUIN SOLAR HYBRID POWER STATIONS 1&2
WEST JAYNE AVENUE
COALINGA, CALIFORNIA

PREPARED FOR:

MARTIFER RENEWABLES SOLAR THERMAL LLC

URS PROJECT NO. 27658034.04000

OCTOBER 16, 2009

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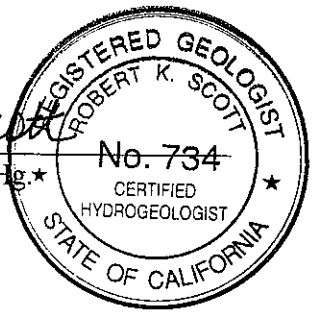
Prepared for

Martifer Renewables Solar Thermal LLC
12555 High Bluff Drive, Suite 100
San Diego, CA 92130

URS Project No. 27658034.04000



Robert K. Scott, P.G., C.Hg.
Principal Geologist

October 16, 2009

URS

1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108
619.294.9400 Fax: 619.293.7920

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AOC	Area of Concern
ASTs	aboveground storage tanks
bgs	below ground surface
°C	Degrees Celsius
CalEPA	California Environmental Protection Agency
Calscience	Calscience Environmental Laboratories, Inc.
CEC	California Energy Commission
CFR	Code of Federal Regulations
CHHSLs	California Human Health Screening Levels
CRWQCB	California Regional Water Quality Control Board
DHS	Department of Health Services
DTSC	Department of Toxic Substances Control
ESA	environmental site assessment
ESLs	Environmental Screening Levels
GPS	Global Positioning System
HSP	health and safety plan
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
MRST	Martifer Renewables Solar Thermal LLC
msl	Mean Sea Level Datum
OCPs	Organochlorine Pesticides
PAH	Polynuclear Aromatic Hydrocarbons
PEA	Preliminary Endangerment Assessment
PG&E	Pacific Gas and Electric
PID	photoionizaton detector
PRG	Preliminary Remediation Goal
PTFE	polytetrafluoroethene
RCRA	Resource Conservation and Recovery Act
RECs	Recognized Environmental Conditions
SAP	Sampling and Analysis Plan
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure
TDS	Total Dissolved Solids
the site	San Joaquin Solar Hybrid Power Stations 1&2
TPH	Total Petroleum Hydrocarbons
TPH-D	Total Petroleum Hydrocarbons quantified as diesel fuel
TTLC	Total Threshold Limit Concentration
ug/kg	micrograms per kilogram
URS	URS Corporation Americas
VOCs	volatile organic compounds
WET	Waste Extraction Test

SECTION 1 INTRODUCTION

On behalf of Martifer Renewables Solar Thermal LLC (MRST), URS Corporation Americas (URS) has prepared this report summarizing the results of a Phase II Environmental Site Assessment (Phase II ESA) environmental assessment activities conducted for San Joaquin Solar Hybrid Power Stations 1&2 (the site) located at West Jayne Avenue, Coalinga, California (Figures 1 and 2). This work was conducted in accordance with the Sampling and Analysis Plan dated August 25, 2009 prepared by URS in consultation with the California Energy Commission (CEC) and California Environmental Protection Agency (CalEPA), Department of Toxic Substances Control (DTSC).

Assessors Parcel No.:	85-030-57s and 85-030-58s
Property Owner:	W. J. Mouren Farming, Inc. Mr. James Anderson, Chief Executive Officer
Client:	Martifer Renewables Solar Thermal LLC 12555 High Bluff Drive, Suite 100 San Diego, CA 92130 Contact: Ms. Elizabeth Ingram Phone Number: (858) 427-6536
Consultant's Name:	URS Corporation Americas 1615 Murray Canyon Road, Suite 1000 San Diego, California 92108 Contact: Mr. Robert Scott, PG, CHg Phone Number: (619) 294-9400

SECTION 2 SITE BACKGROUND

2.1 SITE LOCATION AND DESCRIPTION

The project site consists of property on two contiguous parcels totaling approximately 639 acres located on West Jayne Avenue approximately 4 miles east of Coalinga and approximately 3 miles west of Interstate 5 in Fresno County, California (Figures 1 and 2). Approximately half of the subject property, which encompasses an approximately one-square-mile section, is currently developed for agricultural use, however, a portion of the northwestern corner and approximately the northeastern quarter and are vacant. Several crops have been raised on a portion of the site including wheat, pistachios, cotton, safflower, and garlic. Only pistachios are currently grown on a portion of site. Development observed onsite includes several unpaved service roads that separate fields, a groundwater well with associated irrigation pump equipment and aboveground storage tanks (ASTs) located near the southwestern corner of the site, and the location of six abandoned oil wells. An approximate one-acre area along the eastern property boundary that includes a sheep dip was removed from the proposed lease area and is not considered part of the project. This area is referred to as Area of Concern (AOC) 2 in this report.

The subject property is located within the California Central Valley in an area primarily developed for agricultural use. The Guijarral Hills Oil Field is located northeast the site, and Coalinga State Hospital and Pleasant Valley State Prison are west of the site at 24511 and 24863 West Jayne Avenue, respectively (URS, 2008).

2.2 PREVIOUS INVESTIGATIONS

URS completed a Phase I ESA of the subject property for MRST. The results are summarized in a report dated June 12, 2008. The southeastern portion of the site was historically used for the cultivation of crops as described above. The remainder of the site was undeveloped, and six abandoned oil wells were located within the northeastern quarter of the section. Some ASTs are located on the southwestern portion of the site. The ASTs store diesel fuel to power generators for a water well and other equipment, and some serve as mixing tanks for fertilizer and pesticides that are dispensed through the irrigation system. These ASTs have been located in this area for a few years, based on information provided by the property owner. *De minimis* hydrocarbon staining is present in surface soil in the vicinity of the ASTs and equipment. No recognized environmental conditions (RECs) were identified during the Phase I ESA with the exception of a sheep dip. Sheep dips are devices that were used to rid sheep of insect pests. The sheep dips typically include a dip trough, where the animal is submerged in a bath that included pesticides. The animal then exited the trough and stood on a drying platform before being released to pasture.

Soil sampling was conducted in the vicinity of the sheep dip, and organochlorine pesticides (OCPs) were detected in soil. Three surface samples contained toxaphene at concentrations above its California Human Health Screening Level (CHHSL) of 1,800 mg/l for commercial/industrial property use. As such, MRST chose to remove approximately 1 acre including the sheep dip from the footprint of the property it plans to lease for this project. The results of soil sampling were presented in a letter report to MRST dated June 19, 2008. The sampling locations (S-1 through -4) are shown on Figure 3. The CEC requested MRST to conduct soil sampling of other areas of the site in its data request dated April 30, 2009. URS developed a soil sampling plan with Ms. Ellie Townsend-Hough of the CEC that included random sampling of surface

soil in approximately 80 acres of the southeast portion of the site that had been historically used for crop cultivation. In addition, a composite surface sample was collected and analyzed in the vicinity of *de minimis* hydrocarbon staining present at the ASTs and equipment on the southwest corner of the site. A report summarizing the results of this investigation was prepared by URS dated June 1, 2009. Sampling locations are shown on Figure 2. Analytical results of the soil sampling indicated that toxaphene was present in three of ten surface samples analyzed at concentrations above the commercial/industrial CHHSL.

The composite sample analyzed from the AST area was analyzed for total petroleum hydrocarbons quantified as diesel fuel (TPH-D) and the concentration detected was 23,000 milligrams per kilogram (mg/kg). Based on this result, it was recommended that the soil in the visibly stained areas be removed and properly disposed. The composite soil sample from the AST area was also analyzed for OCPs. No OCPs were detected in the soil sample.

Based on these results, the CEC and the DTSC requested during a public meeting held on August 6, 2009 that MRST conduct additional soil sampling in other areas of the site. URS in discussions with the DTSC and CEC representatives on August 20, 2009, developed a sampling and analysis plan (SAP) that identified five AOCs for further investigation of the possible presence of chemicals of potential concern (COPCs) in soil. The SAP is summarized in Table 1. The AOCs investigated include the following and are indicated on Figure 2:

- AOC 1: Abandoned Oil Wells
- AOC 2: Sheep Dip (not part of the proposed lease area)
- AOC 3: 80-acre Area of Historical Agricultural Use
- AOC 4: Diesel-fuel and Mixing ASTs
- AOC 5: Other Site Areas (perimeter borings for AOC 3 and background arsenic evaluation).

SECTION 3 ENVIRONMENTAL SETTING

3.1 GEOLOGY AND HYDROGEOLOGY

The site is located in the Pleasant Valley subbasin of the San Joaquin Valley Groundwater Basin that lies along the west side of the San Joaquin Valley. The subbasin is surrounded by Tertiary-age continental and marine sediments of the Coast Ranges and the western flank of the Kettleman Hills and includes the alluvium of the San Joaquin Valley (CRWQCB, 2006). The site is mapped as underlain primarily by Quaternary-age alluvium and Plio-Pleistocene-age sedimentary rocks that are described as alluvial fan sediments composed of sandy lean and fat clay. Bedrock is believed to be present several hundred feet below ground surface (bgs) in this area.

A geotechnical report for the California State Hospital located adjacent to the western side of the site dated March 2000 states that groundwater was not encountered to depths of 51 feet bgs. The latest California Department of Water Resources Map of Equal Groundwater Elevations (Spring, 2004) indicates that the depth to groundwater beneath the site is at an approximate elevation of 300 feet Mean Sea Level Datum (msl) or approximately 300 bgs. Groundwater was reported to be pumped from a depth of approximately 250 feet bgs from the onsite groundwater well. Because groundwater flow generally mimics topography, it is assumed that the direction of groundwater flow beneath the site is generally toward the southwest. However, the direction of flow may be affected by pumping wells located in the site vicinity.

Local groundwater is of poor quality and contains high concentrations of sodium, sulfate, and total dissolved solids (TDS) that are even considered only marginally acceptable for crop irrigation (CRWCB, 2006). Due to the lack of surface water and the poor quality of groundwater resources with the watershed, the Coalinga Canal distributes water to the City of Coalinga and other surrounding areas (URS, 2008).

SECTION 4 SCOPE OF WORK

URS conducted the following scope of work presented in the SAP, dated August 25, 2009:

- Prepared a site-specific Health and Safety Plan in accordance with OSHA guidelines for the proposed field activities.
- Notified Underground Service Alert (USA) as required by law prior to drilling or excavating activities. A utility locating service was used to identify the presence of subsurface utilities at the proposed locations of the borings, specifically those in the abandoned oil well area. However, no utility locating was conducted in AOCs 3 and 5.
- Mobilized a drilling subcontractor.
- Advanced direct-push borings and collect soil samples for analytical testing from each of the AOCs.
- Conducted soil analyses by a certified analytical laboratory.
- Evaluated the data and prepared this report summarizing the results.

SECTION 5 FIELD PROCEDURES

The following sections describe the field procedures implemented to advance the borings and collect representative soil samples.

5.1 PRE-INVESTIGATION ACTIVITIES

5.1.1 Health and Safety Plan

Prior to conducting the field investigation, URS prepared a site-specific health and safety plan (HSP) for use by URS personnel. The HSP was prepared in accordance with the applicable sections of 29 Code of Federal Regulations (CFR) 1910 and 1926. Field personnel were provided a copy of the HSP.

5.1.2 Underground Utility Location

Underground utility locating was conducted prior to the field investigation to identify the possible presence of underground utility lines in the vicinity of the proposed borings. USA was notified at least 48 hours in advance of field investigation activities as required by law to notify utilities of record to mark the locations of subsurface utilities in the vicinity of the proposed borings. URS contacted the utility companies affected by the proposed drilling. Conoco Phillips and Pacific Gas and Electric (PG&E) replied and stated their companies operate gas pipelines on the site; however, the pipelines were not in the vicinity of the proposed boring locations and these lines did not conflict with drilling activities. Utility location was additionally conducted by Golden State Utility Company, a private utility locating service, to clear the proposed soil boring locations in the former oil field area (AOC 1). On August 27, 2009, URS personnel accompanied the locator to each proposed boring locations and surveyed for the possible presence of buried utilities and/or objects with a metal detector and an electromagnetic frequency detector. No significant buried objects were identified during the survey at the proposed locations of the borings.

5.2 SOIL SAMPLING

Soil samples were collected on September 2 and 3, 2009 from each of the AOCs as described in Table 1 describing the SAP that was approved by the CEC and DTSC. Soil sampling was accomplished by advancing direct-push soil borings and collecting grab soil samples in specific areas. Drilling and surface sampling procedures are described below.

5.2.1 Direct-push Drilling

A total of 32 direct-push borings were advanced at the site as shown on Figure 2. The borings were advanced using a Marl M5T track-driven limited-access rig operated by Gregg Drilling and Testing, Inc. of Signal Hill, California. Soils were logged in accordance with the Unified Soils Classification System and ASTM 2488 by a URS geologist and recorded with depth and field observations on the boring logs included as Appendix A. Soil from the borings advanced in the vicinity of the abandoned oil wells were monitored for the presence of volatile organic compounds (VOCs) using a photoionization detector (PID).

Direct-push soil samples were collected in 4-foot-long, 1.5-inch-diameter, clear acetate liners. Upon recovery of the sampler, the selected soil sample intervals were cut from the liner, the ends were sealed with polytetrafluoroethene (PTFE) tape and polyethylene end caps, labeled, and placed in a cooler (maintained at 4 Degrees Celsius [ºC]) and transported under chain-of-custody procedures to the analytical laboratory. The soil samples were shipped to Calscience Environmental Laboratories, Inc. (Calscience) a Department of Health Services (DHS)-certified laboratory located in Garden Grove, California.

Each boring was backfilled to the surface with medium bentonite chips that were hydrated during placement. The coordinates of each soil probe and surface sample location was measured using a Garmin 60CSx Global Positioning System (GPS) device.

5.2.2 Surface Soil Sampling

Two surface grab samples were collected from AOC 5 to identify background arsenic concentrations in soil at the site. The other surface sample was collected from AOC 4 from the AST area. The soil samples were collected using a shovel from the ground surface to an approximate depth of 1 foot. The coordinates of each sample location were identified using the hand-held GPS unit described in the previous section.

5.3 WASTE MANAGEMENT

Drilling and sampling equipment was decontaminated between use at each sampling and boring location by washing with a non-phosphate detergent (Alconox™) solution and rinsing twice with distilled water. The water generated from washing equipment was placed on the ground surface following the completion of drilling in a manner that did not result in runoff. No soil cuttings were generated using the direct-push drilling method that required storage and disposal.

SECTION 6 LABORATORY ANALYSIS AND RESULTS

Laboratory analyses and results for soil samples are summarized in the following section.

6.1 LABORATORY ANALYSIS METHODS

Soil samples were analyzed by Calscience, a California-certified laboratory, for the COPCs identified in Table 1 for each of the AOCs identified. Soil sample analyses at the site included the following:

- Arsenic by EPA Method 6010B;
- Title 22 Metals by EPA Methods 5035/7471A
- Total petroleum hydrocarbons (TPH) carbon chain by EPA Method 8015B
- Polynuclear aromatic hydrocarbons (PAHs) by EPA Method 8310 or EPA Method 8270C
- OCPs by EPA Method 8081A

6.2 LABORATORY ANALYTICAL RESULTS

Laboratory analytical results are described in the following sections by AOC and COPC. Copies of the laboratory analytical reports and chain-of-custody forms for the soil samples collected and analyzed during this investigation are provided in Appendix B.

6.2.1 AOC 1 – Former Oil Wells

TPH: TPH analytical results are summarized in Table 2. TPH were detected in 10 of 27 soil samples analyzed at concentrations ranging from 7.0 to 280 mg/kg. Generally, the carbon chain analysis reported detections primarily in the C15 through C22 (diesel fuel) range and C23 through C44 (waste oil) range. The highest concentration of TPH was detected in boring SJS-01-13 at 4 to 5 feet bgs (280 mg/kg). Generally TPH were detected in samples collected from 4 to 9 feet bgs. TPH were detected at only two surface locations in borings SJS-01-13A and SJS-01-18 at concentrations of 130 and 63 mg/kg, respectively.

Title 22 Metals: Two samples per boring were analyzed for Title 22 metals. Metals results are provided in Table 2. Of the metals analyzed, antimony, cadmium, selenium and thallium were not detected. The detected ranges of concentrations of the other detected metals were the following:

- Arsenic, 5.34 to 177 mg/kg
- Barium, 26.6 to 735 mg/kg
- Beryllium, 0.138 to 0.444 mg/kg
- Chromium, 19.3 to 53.8 mg/kg
- Cobalt, 3.39 to 14.2 mg/kg
- Copper, 6.00 to 21.6 mg/kg

- Lead, 0.781 to 13.7 mg/kg
- Mercury, 0.086 to 0.366 mg/kg
- Molybdenum, 0.275 to 3.04 mg/kg
- Nickel, 22.9 to 84.4 mg/kg
- Silver, 0.261 to 0.672 mg/kg
- Vanadium, 24.7 to 113 mg/kg
- Zinc, 15.1 to 59.4 mg/kg

PAHs: PAHs were analyzed in the sample from each boring that contained the highest concentration of TPH. Analytical results are provided in Table 3. Of the eight samples analyzed, only one sample (SJS01-13@4-5') contained PAHs at detectable concentrations. Each of the PAHs analyzed were detected with the exception of acenaphthylene. The detected concentrations ranged from 250 ug/kg [dibenzo(a,h) anthracene] to 6,600 ug/kg (fluoranthene). The total PAH concentration in this sample was approximately 36,950 ug/kg.

6.2.2 AOC 2 – Sheep Dip

Soil sample analytical results for the sheep dip are provided in Table 4. Samples collected from the vicinity of the sheep dip in 2008 are also included in the table.

OCPs: OCPs detected in soil surrounding the sheep dip included, in decreasing frequency, 4,4'-DDE, toxaphene and dieldrin. Detected concentrations of 4,4'-DDE ranged from 17 to 360 ug/kg, toxaphene ranged from 340 to 27,000 ug/kg and dieldrin ranged from 6.4 to 480 ug/kg. The highest concentrations of these compounds were detected in the surface soil sample from boring SJS-02-05. The four surface samples collected approximately 200 feet away from the sheep dip (SJS-02-07 through -10) contained only low concentrations of 4, 4'-DDE that ranged from 17 to 49 ug/kg.

Arsenic: Each of the samples collected from the surface and subsurface soil in the vicinity of the sheep dip (borings SJS-02-01, -05 and -06) contained arsenic at concentrations ranging from 6.13 to 8.96 mg/kg. Arsenic concentrations in the surface samples approximately 200 feet away from the sheep dip ranged from 6.57 to 11.8 mg/kg.

6.2.3 AOC 3 – 80-Acre Area of Historical Agricultural Use

Analytical results for AOC 3 are provided in Table 5. The analytical results for surface samples analyzed for OCPs in May 2009 are also provided in the table. Samples were collected at the approximate locations of the samples collected in May 2009. Only the samples collected from 1.5 to 2 feet bgs were analyzed for OCPs. Both the surface sample (0-1 foot bgs) and the samples from 1.5 to 2 feet bgs were analyzed for arsenic.

OCPs: Of the samples collected from 1.5 to 2 feet bgs that were analyzed for OCPs, only one sample from the ten locations sampled (boring SJS-10) contained OCPs at detectable concentrations. The OCPs detected included 4,4-DDE (80 ug/kg) and toxaphene (220 ug/kg).

Arsenic: Arsenic concentrations in the surface samples (0 to 1 foot bgs) and the samples from 1.5 to 2 feet bgs contained arsenic at concentrations within in a relatively narrow range, ranging from 10.1 to 13.2 mg/kg.

6.2.4 AOC 4 – Diesel Fuel and Mixing ASTs

Analytical results for AOC 4 are summarized in Table 6. OCPs were not detected above their respective laboratory detection limits in two surface soil samples analyzed. Detected arsenic concentrations ranged from 5.53 to 7.02 mg/kg.

6.2.5 AOC 5 – Other Site Areas

Analytical results for samples analyzed from AOC 5 for OCPs and arsenic are summarized in Table 7.

OCPs: Ten soil samples collected from 0 to 1 foot and 1.5 to 2 feet bgs from five borings that were advanced approximately 100 feet from the perimeter of AOC 3 to evaluate potential for OCP overspray that may be present in soil. OCPs were detected in three of the surface samples from borings SJS-05-01, SJS095-03 and SJS-05-04). Toxaphene was detected in two of the samples at concentrations of 120 and 180 ug/kg. Dieldrin was detected in one of the samples at 11 ug/kg. 4-4'DDE was detected in each of the samples at concentrations ranging from 26 to 47 ug/kg. OCPs were not detected above their respective laboratory detection limits in any of soil samples collected from 1.5 to 2 feet bgs.

Arsenic: Arsenic was analyzed in the five borings to evaluate the presence of arsenic that could be related to application in AOC 3. Arsenic concentrations were present in a relatively narrow range, ranging from 10.2 to 13.8 mg/kg. Five surface samples were collected throughout the remainder of the site at random locations to evaluate background arsenic concentrations at the site. Arsenic concentrations detected in these samples ranged from 8.04 to 11.7 mg/kg.

SECTION 7 DISCUSSION

URS conducted screening of the soil sample analytical results by comparing the concentrations of the detected COPCs to human health screening and hazardous waste criteria. The analytical data were compared to California Human Health Screening Levels (CHHSLs; Cal EPA 2005) for a non-residential (commercial/industrial) land use scenario. Additionally, in instances where there was no established CHHSL for a COPC detected, the data were compared to U.S. EPA Region IX Regional Screening Levels [RSLs; formerly known as Preliminary Remediation Goals (PRGs; USEPA, 2009)]. The data were also compared to state and federal hazardous waste criteria. For comparative purposes, the CHHSLs, RSLs and hazardous waste criteria are listed at the bottom of each table, where applicable.

7.1 HUMAN HEALTH SCREENING

The CHHSLs were modeled after the USEPA Region IX Preliminary Remediation Goals (PRGs) and are described in the document prepared by the California EPA titled, "Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties", dated January 2005. The CHHSLs have been developed for 54 chemicals in soil or soil gas based on a threshold of one in a million (1×10^{-6}) lifetime cancer risk and a hazard quotient of 1.0 for non-cancer health effects. The CHHSLs were developed using standard exposure assumptions and chemical toxicity values published by the Cal EPA, where available and the U.S. EPA, in instances where no Cal EPA-specific toxicity value exists.

It should be noted that the comparison of analytical data to CHHSLs is a screening tool. It does not indicate that the chemical concentrations exceeding these levels pose an adverse health risk. It does however; suggest that further evaluation of potential human health concerns may be warranted. Used in conjunction with the human health screening evaluation described in the California EPA/DTSC Preliminary Endangerment Assessment (PEA) Guidance Manual (revised 1999), the CHHSLs can assist in identifying whether further site investigation, risk assessment and/or remediation is needed at a particular site. CHHSLs are not regulatory cleanup standards; however, in lieu of developing site-specific cleanup goals in instances where the cleanup action timeframe is short, these values may be used for these purposes provided that the responsible party and oversight agency are in concurrence, the site has been fully characterized, and potential environmental concerns are fully evaluated.

Each of the samples analyzed during the Phase II ESA contained arsenic at concentrations above the non-residential CHHSL of 0.24 mg/kg. Background soil in many areas of the U.S., including California, contains arsenic at concentrations above the CHHSL. The majority of the arsenic concentrations detected were within a relatively narrow concentration range, generally between 5 and 13 mg/kg. It appears that these concentrations represent background based on several references regarding background metals in soil (Bradford et al, 1996). The discussion that follows identifies locations where arsenic concentrations at the site appear to be present above this range.

The concentrations of the detected constituents are compared to these screening criteria by AOC and analytical suite in the sections below. Locations where specific samples at the site contain concentrations of a constituent above its respective screening level are noted in orange on Figures 2 and 3. The constituents present above their respective screening level are also noted.

7.1.1.1 AOC 1 – Former Oil Wells

Metals: Of the metals analyzed, only arsenic was detected in soil at concentrations above its CHHSL. Eleven of the soil samples analyzed contained arsenic concentrations that would be considered representative of ambient background conditions. However, there were eight samples analyzed from the borings at various depths from the surface to 10 feet bgs that contained arsenic and concentrations ranging from 23.0 to 177 mg/kg. The source of the arsenic is not known; it does not appear to correlate with the presence of TPH in soil; therefore it may not be related to crude oil that may have been associated with the oil wells. Review of the other metals data shows some correlation of elevated arsenic with barium and detectable beryllium.

TPH: There are no screening levels for TPH since TPH is a mixture of many hydrocarbons. The San Francisco Bay RWQCB has developed Environmental Screening Levels (ESLs) for its jurisdiction. These are not directly relevant to this site, since it is located in a different region; however, the guidance indicates that screening should be conducted for other indicator compounds in the hydrocarbon mixtures as a qualitative estimate of human health risk. PAHs are compounds that would be associated with TPH and analyses for these compounds were conducted on a subset of the samples analyzed.

PAHs: PAHs were detected in only one of the eight samples analyzed in AOC 1. The sample that contained the highest concentration of TPH (SJS-01-13@4-5', 280 mg/kg) also contained detectable PAHs. The compounds benzo(a)pyrene and dibenzo(a,h) anthracene were present in the sample above their respective CHHSL/RSL of 130 and 210 ug/kg, respectively.

7.1.2 AOC 2 – Sheep Dip

OCPs: Of the compounds detected in soil immediately surrounding the sheep dip, dieldrin was detected in two surface samples from borings SJS-02-05 (480 ug/kg) and -06 (140 ug/kg) at concentrations above its commercial/industrial CHHSL of 130 ug/kg. Toxaphene was also present in five surface samples above its CHHSL of 1,800 ug/kg.

Arsenic: Arsenic concentrations detected appear to fall within the range expected to be representative of background.

Copper: The concentrations detected in the samples collected in 2008 from the sheep dip area fall within the range that is expected to representative of background.

7.1.3 AOC 3 – 80-acre Area of Historical Agricultural Use

OCPs: Of the OCPs detected in surface soil in the area historically used for agriculture on the southeast portion of the site, only toxaphene was present in three samples at concentrations of 2,400 and 3,100 ug/kg, which is above the CHHSL of 1,800 ug/kg.

Arsenic: Arsenic concentrations in the surface and subsurface samples from AOC 3 fall within a relatively narrow range, between approximately 10 and 13 mg/kg. These concentrations are expected to be representative of background.

7.1.4 AOC 4 – Diesel-fuel and Mixing ASTs

OCPs: No OCPs were detected in any of the samples analyzed from this area; and therefore are not present above CHHSLs.

Arsenic: Arsenic concentrations detected appear to represent background.

TPH: The composite sample analyzed in May 2009 from *de minimis* oil stained areas contained 23,000 mg/kg petroleum hydrocarbons. As previously indicated, the soil in oil-stained areas will be removed and properly disposed.

7.1.5 AOC 5 – Other Site Areas

OCPs: The samples collected from borings SJS-05-01 through -05 were collected to evaluate the presence of OCPs and arsenic beyond the area historically used for agriculture. OCPs were generally not detected in these samples, and none of the detected concentrations were above the commercial/industrial CHHSL.

Arsenic: Arsenic concentrations in soil from borings SJS-05-01 through -05 ranged from approximately 10 to 13 mg/kg in both the surface and subsurface samples. These concentrations appear to be representative of background. Similarly, the random surface samples collected from other of areas of the site that had no historical uses contained arsenic at concentrations ranging from 8 to 12 mg/kg. These concentrations appear to fall with in the range of concentrations representing background.

7.2 HAZARDOUS WASTE SCREENING

State (CCR Title 22 Section 66261.3) and Federal hazardous waste regulations (40CFR 261.3) include regulatory limits for certain constituents based on toxicity. In California, the regulatory limits for the toxicity characteristic are identified by comparing the concentrations of a constituent to the Total Threshold Limit Concentration (TTLC) and Soluble Threshold Limit Concentration (STLC). If a constituent concentration is above either of these regulatory limits, the material may be considered a non-Resource Conservation and Recovery Act (RCRA), California hazardous waste. As such, the materials may require disposal at a Class I landfill if these materials were to be removed from the site. To identify whether a material is a Federal or RCRA hazardous waste, the materials are subjected to the Toxicity Characteristic Leaching Procedure (TCLP) and the concentration of that constituent in the extract is compared to its regulatory limit.

Both the Waste Extraction Test (WET) that is used to obtain the STLC of a sample and the TCLP has an inherent dilution factor. TTLCs for a constituent can be screened to identify whether a sample has the potential to exceed its STLC or TCLP regulatory limit. The WET has a dilution factor of 10 times and the TCLP has a dilution factor of 20 times. For example, a sample with an arsenic concentration of greater than 50 mg/kg has the potential to have an STLC concentration equal to the STLC regulatory limit of 5.0 milligrams per liter (mg/l), assuming that all the arsenic present in the sample is extracted through the WET and is present in the sample extract. Similarly an arsenic concentration of 100 mg/kg has the potential to be equal to the TCLP regulatory limit of 5.0 mg/l if all of the arsenic in the soil is extracted by this procedure and were to be present in the sample extract.

Metals: None of the metals concentrations in any of the samples analyzed at this site is present above its respective TTLC regulatory limit. However, arsenic is present in four samples from AOC 1 at concentrations above 10 times its STLC (50 mg/kg). As such, the samples have the potential to contain arsenic at concentrations above its STLC regulatory limit that could characterize the soil as California hazardous should it be removed from the site. Likewise, chromium was present in two samples at concentrations slightly above 10 times its STLC (50 mg/kg). None of the metals was detected in soil at the site at concentrations that are above 20 times its respective TCLP (100 mg/kg), with the exception of three samples containing arsenic in AOC 1. Based on these results, it is possible that some soil in AOC 1 has the potential to be classified as RCRA hazardous. Further WET and TCLP analyses would be needed to identify whether the samples containing arsenic at concentrations above 10 times the STLC and 20 times the TCLP regulatory limits could actually be considered hazardous.

PAHs: No hazardous waste criteria are established specifically for these compounds based on toxicity.

OCPs: Of the OCPs detected in soil on site, the compound toxaphene in three surface samples immediately surrounding the sheep dip (AOC 2) are present above its TTLC regulatory limit of 5,000 ug/kg, indicating that some soil in this area could be considered California hazardous waste if removed from the site. Additionally, each of the samples contains toxaphene at concentrations above 10 times its STLC regulatory limit (5,000 ug/kg). These detected concentrations are also above 20 times its TCLP regulatory limit (10,000 ug/kg), therefore there is the potential that the soil may be RCRA hazardous if it were removed from the site. As such, it is possible that some soil in the vicinity of the sheep dip could be considered a RCRA hazardous waste, and it would require disposal at a RCRA-permitted facility if it were excavated and removed from the site.

None of the concentrations of toxaphene in soil in the area of historical agricultural use (AOC 3) were above the TTLC or 10 times the STLC and 20 times TCLP regulatory limits. Soil containing toxaphene in AOC 3 would not appear to be considered hazardous waste if removed from the site. None of the other samples in this AOC have the potential to exceed 10 times the STLC and 20 times the TCLP regulatory limits for toxaphene.

SECTION 8 CONCLUSIONS AND RECOMMENDATIONS

8.1 CONCLUSIONS

Based on the investigations conducted at the site by URS, we conclude the following for each AOC:

8.1.1 AOC 1 – Former Oil Wells

Arsenic is present in seven of the eight borings in surface or subsurface (4-5 feet bgs) soil at concentrations above what could be considered background for the site (5-13 mg/kg). In addition the PAHs, benzo(a)pyrene and dibenzo(a,h)anthracene were present in boring SJS-01-13 at concentrations above their respective commercial/industrial CHHSLs. Concentrations of arsenic detected in three samples from borings SJS-01-12, -13 and -16 have the potential to be considered California and RCRA hazardous waste if the soil is removed from the site.

8.1.2 AOC 2 - Sheep Dip

A one-acre area surrounding the sheep dip is not included in the property to be leased for the project. However, dieldrin and toxaphene are present in one or more samples at concentrations above their respective commercial/industrial CHHSLs. Toxaphene is present in three samples at concentrations above its TTLC regulatory limit, and some soil in this area could be considered a California Hazardous waste. The toxaphene concentrations also have the potential to exceed the TCLP regulatory limit that would characterize some of the soil samples as RCRA hazardous. None of the peripheral samples collected approximately 200 feet from the sheep dip contained any OCP at concentrations above health risk screening levels or would be considered hazardous waste if removed from the site. Arsenic concentrations detected in the sheep dip area appear to be representative of background.

8.1.3 AOC 3 – Area of Historical Agricultural Use

Toxaphene was identified in three surface samples from this area (SJS-08, -09 and -10) at concentrations above its commercial industrial CHHSL. Each of these locations are adjacent to one another. Based on the concentrations detected, the soil in AOC 3 would not be considered California or RCRA hazardous. The extent of soil affected by toxaphene is limited to surface soil, based on the analytical results for samples collected from 1.5 to 2 feet bgs. Arsenic appears to be present throughout the AOC at concentrations that could be considered background.

8.1.4 AOC 4 - Diesel-fuel and Mixing ASTs

OCPs were not detected in this AOC, and arsenic is present at concentrations that appear to represent background. The composite sample analyzed for TPH that was collected from areas with visual indication of the presence of hydrocarbons contained 23,000 mg/kg TPH.

8.1.5 AOC 5 – Other Site Areas

The extent of toxaphene present in soil above the commercial/industrial CHHSL is limited to three locations in AOC 3, and does not appear to extend beyond the area historically used for agriculture. The samples analyzed to evaluate background indicate that ambient arsenic concentrations range from approximately 8 to 12 mg/kg. The results for samples analyzed at the site represent background arsenic concentrations, with the exception of some analyzed in AOC 1.

8.2 RECOMMENDATIONS

URS recommends the following with respect to those areas where soil contains one or more COPC at a concentration that is above the commercial/industrial CHHSL:

8.2.1 AOC 1 – Former Oil Wells

- Conduct step-out sampling at each of the boring locations with the exception of boring SJS-01-24.
- Analyze samples for arsenic and analyze those containing arsenic above 10 times the STLC and 20 times the TCLP for the WET and TCLP to evaluate whether the soil is a hazardous waste. The samples already analyzed for arsenic could be analyzed by these methods to evaluate waste criteria.
- Estimate the volume of soil that contains arsenic above background concentrations and evaluate its waste classification
- Develop a remedial action plan
- Implement the selected remedial alternative prior to construction

8.2.2 AOC 2 – Sheep Dip

Because MRST is not leasing this portion of the property, it is recommended that no further action be taken by MRST in this area. As previously indicated in our report dated June 19, 2008, a literature review has indicated that the extent of the effected area around sheep dips may extend several feet outward from the structure and to a depth of approximately 6 feet. Based on an assumption that the extent of affected soil extends about 3 to 5 feet on either side of the structure to a depth of up to approximately 6 feet bgs, a preliminary estimate of the affected volume may be on the order of 50 cubic yards. This is the approximate equivalent of approximately 3 end-dump trucks that would require disposal at an appropriate, permitted facility. This appears to be an overestimate, since analytical results indicate that the toxaphene is present at levels above the commercial/industrial CHHSL in surface soil only.

8.2.3 AOC 3- Area of Historical Agricultural Use

- Conduct further step-out sampling at the three locations where toxaphene is present above the commercial/industrial CHHSL: borings SJS-8, -9 and -10.
- Estimate the volume of soil affected by toxaphene

- Develop a remedial action plan for the affected area
- Implement the selected remedial alternative prior to construction

8.2.4 AOC 4 - Diesel –fuel and Mixing ASTs

- Remove *de minimis* petroleum hydrocarbon-containing soil in areas that show indications of staining
- Properly handle and dispose of the affected soil at a permitted landfill prior to construction

8.2.5 AOC 5 – Other Site Areas

The analytical results for soil samples from the borings located adjacent to the perimeter of AOC 3 indicate that OCPs do not extend beyond this area. Therefore, no further action is required in other site areas.

SECTION 9 LIMITATIONS

The results described herein are intended to provide a limited, but reasonable evaluation of risk. The intent is that we take such steps as we determine are reasonable, under the circumstances to identify potential environmental concerns. Such steps do not eliminate the possibility of a property having some degree of environmental problems. It should be noted that any level of assessment cannot ascertain that a property is completely free of chemical or toxic substances. Therefore, URS cannot certify that a site is "clean."

The results and conclusions are based on the information acquired during the assessment. It is possible that variations at the property could exist between and/or beyond points explored during the course of the assessment. Also, changes in conditions found could occur at some time in the future due to variations and factors not apparent at the time of the fieldwork.

All work performed was consistent with the level of care and skill ordinarily exercised by members of our profession, currently practicing under similar conditions in Southern California. *No other warranty is expressed or implied.*

SECTION 10 REFERENCES

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Table 1

Sampling and Analysis Plan

San Joaquin Solar 1&2

Area of Concern (AOC)	Description	History	No. of Locations	Sample Depths (in feet)	Analyses					Comments
					OCPs	TPH	PAHs	Metals	Arsenic	
1	Former Oil Wells	There were six wells in NE quarter that were abandoned in accordance with DOG requirements. There were two oil ASTs present based on air photos.	1/well and tank (8 total)	0-10	---	24	8	16	---	Three soil samples per boring. 2/boring for metals and PAHs on the highest TPH/boring. Total boring depth to 2 feet below approximate cut.
2	Sheep Dip	Identified during Phase I ESA as Recognized Environmental Condition. Limted sampling conducted identified toxaphene in soil. One acre including sheep dip was removed from lease agreement with property owner.	4 surface in acre, 200 ft from structure, 3 borings around sheep dip and trough.	0-0.5 (surface), 0-0.5, 1.5-2 (borings), 4.5-5 borings adjacent to trough)	13				13	1-acre area is not part of lease for project.
3	80-acre Area of Historical Agricultural Use	Used for cultivation of cotton, began pre-1957. Tumbleweeds were typically burned, pre-air regulations (1965 photograph). Toxaphene detected in 3 of 10 samples above commercial/industrial CHHSL. No sewage sludge was ever applied to land.	15	0-1, 1.5 -2	20	---	---	---	30	OCPs will be sampled from 1.5 to 2 feet only at same location as previous 10 surface samples. Arsenic sampled at same locations at both depths. Five 2-foot borings will be located on north and west perimeter for delineation (Described in text under AOC 5).
4	Diesel-fuel and Mixing ASTs	These tanks have been in this area since 2004. Staining was noted as de minimis in Phase I ESA. Composite sample analyzed contained 23 mg/kg TPH-diesel, no OCPs were detected.	2	0-1	2	---	---	---	2	As requested by DTSC, 2 discrete samples will be collected and analyzed in this area.
5	Other Site Areas	Review of air photos indicates that the other areas of site had no previous uses.	5	0-1	---	---	---		5	Background arsenic only.
		Total No. of Sampling Locations	35	Total No. of Samples Analyzed	35	24	8	16	50	

Note: Boring depths indicated are approximate. Depth will be to the proposed grade based on Preliminary Cut and Fill Plan, Figure DR-54 or approximate depth of proposed excavation, whichever is greater.

Table 2
Soil Sample Analytical Results - TPH and Title 22 Metals
San Joaquin Solar 1&2
AOC 1 - Former Oil Wells

Location ID	Sample Depth (feet)	Date Sampled	Metals (mg/kg)																	TPH (mg/kg)
			Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Hg	Mo	Ni	Se	Ag	Tl	V	Zn	
SJS-01-12	0-1	09-02-09	<0.750	72.9	175	0.282	<0.500	33.0	8.30	14.6	6.18	0.366	<0.250	42.9	<0.750	<0.250	<0.750	36.9	41.9	<5.0
	4-5	09-02-09	<0.750	104	101	0.268	<0.500	31.4	9.79	19.0	3.34	0.102	0.583	38.8	<0.750	<0.250	<0.750	71.9	38.3	<5.0
	9-10	09-02-09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52
SJS-01-13	0-1	09-02-09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.0
	4-5	09-02-09	<0.750	177	188	0.261	<0.500	47.0	10.8	14.0	4.57	0.149	<0.250	84.4	<0.750	<0.250	<0.750	42.6	45.2	280
	9-10	09-02-09	<0.750	10.0	54.8	<0.250	<0.500	25.6	6.57	11.1	1.46	0.123	3.04	33.6	<0.750	0.594	<0.750	25.2	22.1	32
SJS-01-13A	0-1	09-02-09	<0.750	9.43	166	0.254	<0.500	25.3	7.30	10.8	2.92	0.095	<0.250	35.1	<0.750	0.472	<0.750	38.6	25.7	130
	4-5	09-02-09	<0.750	41.1	78.8	0.265	<0.500	31.7	9.22	13.4	3.02	0.109	<0.250	31.4	<0.750	<0.250	<0.750	113	30.2	18
	9-10	09-02-09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.0
SJS-01-14	0-1	09-02-09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.0
	4-5	09-02-09	<0.750	23.0	146	<0.250	<0.500	53.7	6.24	10.8	2.59	0.106	<0.250	37.3	<0.750	0.472	<0.750	64.4	28.1	<5.0
	9-10	09-02-09	<0.750	5.37	105	0.256	<0.500	53.8	8.39	12.5	1.46	0.086	0.302	39.8	<0.750	<0.250	<0.750	32.6	30.8	<5.0
SJS-01-15	0-1	09-02-09	<0.750	11.4	280	<0.250	<0.500	26.8	7.66	10.6	2.67	0.111	<0.250	32.4	<0.750	<0.250	<0.750	46.0	26.8	<5.0
	4-5	09-02-09	<0.750	8.86	269	0.262	<0.500	21.4	8.49	9.83	2.87	0.088	<0.250	36.5	<0.750	<0.250	<0.750	37.9	27.9	<5.0
	9-10	09-02-09	<0.750	31.2	108	0.444	<0.500	36.9	11.1	21.6	4.59	0.106	0.448	43.5	<0.750	<0.250	<0.750	79.9	47.7	7.0
SJS-01-16	0-1	09-02-09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.0
	4-5	09-02-09	<0.750	167	735	0.280	<0.500	27.6	8.27	16.7	13.7	0.126	0.303	42.2	<0.750	<0.250	<0.750	37.0	59.4	37
	9-10	09-02-09	<0.750	8.46	281	0.261	<0.500	29.5	9.03	12.4	2.59	0.096	0.757	26.3	<0.750	0.261	<0.750	36.8	33.6	<5.0
SJS-01-17	0-1	09-02-09	<0.750	11.2	48.6	<0.250	<0.500	37.1	3.39	6.00	0.781	<0.0835	<0.250	23.7	<0.750	0.672	<0.750	41.6	15.1	<5.0
	4-5	09-02-09	<0.750	7.21	224	0.351	<0.500	50.1	14.2	19.0	6.04	<0.0835	1.11	71.3	<0.750	<0.250	<0.750	36.0	51.7	<5.0
	9-10	09-02-09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.0
SJS-01-18	0-1	09-02-09	<0.750	9.09	197	0.138	<0.500	37.2	9.19	16.5	4.12	0.087	<0.250	47.7	<0.750	<0.250	<0.750	43.3	41.4	63
	4-5	09-02-09	<0.750	24.7	135	0.261	<0.500	27.0	7.19	13.5	3.19	<0.0835	0.275	38.7	<0.750	<0.250	<0.750	74.5	41.5	34
	9-10	09-02-09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.0
SJS-01-24	0-1	09-02-09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.0
	4-5	09-02-09	<0.750	5.39	68.4	<0.250	<0.500	19.3	5.94	6.71	2.06	<0.0835	0.390	23.1	<0.750	<0.250	<0.750	24.7	20.2	29
	9-10	09-02-09	<0.750	5.86	26.6	<0.250	<0.500	23.0	6.21	8.26	2.10	<0.0835	<0.250	22.9	<0.750	<0.250	<0.750	33.4	28.0	<5.0
Commerical/Industrial CHHSL (mg/kg)			3,800	0.24	63,000	1,700	7.5	37*	3,200	38,000	150	1,800	4,800	16,000	4,800	4,800	63	6,700	100,000	---
TTLC (mg/kg)			500	500	10,000	75	100	2500	8000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5000	---
STLC (mg/l)			15	5.0	100	0.75	1.0	5.0	80	25	5.0	0.2	350	20	1.0	5.0	7.0	24	250	---
TCLP (mg/l)			NE	5.0	100	NE	1.0	5.0	NE	NE	5.0	0.2	NE	NE	1.0	5.0	NE	NE	NE	---

Notes:

Metals: Title 22 Metals EPA Method 6010B / 7471A

Sb: Antimony
As: Arsenic
Ba: Barium
Be: Beryllium
Cd: Cadmium
Cr: Chromium
Co: Cobalt
Cu: Copper
Pb: Lead
Hg: Mercury
Mo: Molybdenum
Ni: Nickel
Se: Selenium
Ag: Silver
Tl: Thallium
V: Vanadium
Zn: Zinc

TPH: Total petroleum hydrocarbons by modified EPA Method 8015B
NA: Not Analyzed
The symbol "<" (less than) indicates that the constituent was not detected above the reporting limit indicated.
*: Chromium VI. Data reported as total chromium.

Table 3
Soil Sample Analytical Results - PAHs
San Joaquin Solar 1&2
AOC 1 - Formor Oil Wells
(concentrations reported in ug/kg)

Location ID	Sample Depth (feet)	Sample Date	Naphthalene	Acenaphthylene	Acenphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a) anthracene	Chrysene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(a) pyrene	Dibenz(a,h) anthracene	Benzo(g,h,i) perylene	Indeno (1,2,3-c,d) pyrene
SJS-01-12	9-10	09-02-09	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
SJS-01-13	0-1	09-02-09	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	4-5	09-02-09	4,800	<300	1,000	750	5,700	950	6,600	3,700	2,100	3,200	1,800	1,200	2,000	250	1,300	1,600
SJS-01-14	0-1	09-02-09	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
SJS-01-15	9-10	09-02-09	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
SJS-01-16	4-5	09-02-09	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
SJS-01-17	0-1	09-02-09	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
SJS-01-18	0-1	09-02-09	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
SJS-01-24	4-5	09-02-09	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Industrial RSLs/CHHSLs (ug/kg)		09-02-09	20,000	NE	33,000,000	22,000,000	NE	170,000,000	22,000,000	17,000,000	2,100	210,000	2,100	21,000	130	210	NE	2,100

Notes:
RSLs: U.S. EPA Region IX Regional Screening Levels. No CHHSLs are developed for these compounds, with the exception of benzo(a)pyrene
PAHs: Polynuclear aromatic hydrocarbons by EPA Method 8310 or 8270C SIM
NE: None Established
The symbol "<" (less than) indicates that the constituent was not detected above the reporting limit indicated.

Table 4
Soil Sample Analytical Results
San Joaquin Solar 1&2
AOC 2 - Sheep Dip

Location ID	Sample Depth (ft)	Sample Date	OCPs (ug/kg)					OPPs (ug/kg)	Arsenic (mg/kg)	Copper (mg/kg)	VOCs (ug/kg)
			Dieldrin	4,4'-DDE	4,4'-DDD	4,4'-DDT	Toxaphene				
S-1	0.5-1	05-27-08	<50	<50	<50	<50	11,000	ND	8.53	15.0	NA
SJS-02-01	0-0.5	09-03-09	72	84	<25	<25	3,900	NA	7.85	NA	NA
	1.5-2		<5.0	<5.0	<5.0	<5.0	<100	NA	7.34	NA	NA
	3-3.5		NA	NA	NA	NA	NA	NA	NA	NA	NA
	4.5-5		<5.0	<5.0	<5.0	<5.0	<100	NA	7.82	NA	NA
S-2	0.5-1	05-27-08	<5.0	53	<5.0	<5.0	1,100	ND	7.56	17.7	ND
S-3	0.5-1	05-27-08	<5.0	<5.0	<5.0	<5.0	<100	ND	8.50	17.4	NA
S-4	0.5-1	05-27-08	<5.0	<5.0	<5.0	<5.0	2,000	ND	7.47	18.9	NA
SJS-02-05	0-0.5	09-03-09	480	360	<100	<100	27,000	NA	8.96	NA	NA
	1.5-2		<5.0	<5.0	<5.0	<5.0	<100	NA	6.13	NA	NA
	3-3.5		NA	NA	NA	NA	NA	NA	NA	NA	NA
	4.5-5		<5.0	<5.0	<5.0	<5.0	<100	NA	7.97	NA	NA
SJS-02-06	0-0.5	09-03-09	140	110	<50	<50	12,000	NA	6.36	NA	NA
	1.5-2		6.4	<5.0	<5.0	<5.0	700	NA	6.92	NA	NA
	3-3.5		NA	NA	NA	NA	NA	NA	NA	NA	NA
	4.5-5		<5.0	<5.0	<5.0	<5.0	<100	NA	8.80	NA	NA
SJS-02-07	0-0.5	09-03-09	<5.0	49	<5.0	<5.0	340	NA	8.70	NA	NA
SJS-02-08	0-0.5	09-03-09	<5.0	28	<5.0	<5.0	<100	NA	10.1	NA	NA
SJS-02-09	0-0.5	09-03-09	<5.0	37	<5.0	<5.0	<100	NA	6.57	NA	NA
SJS-02-10	0-0.5	09-03-09	<5.0	17	<5.0	<5.0	<100	NA	11.8	NA	NA
Commerical/Industrial CHHSL (ug/kg)			130	6,300	9,000	6,300	1,800	---	0.24	38,000	---
TTLC (ug/kg)			8,000	1,000	1,000	1,000	5,000	---	500	2,500	---
STLC (ug/l)			800	100	100	100	500	---	5.0	25	---
TCLP (ug/l)			NE	NE	NE	NE	500	---	5.0	NE	---

Notes:

OCPs: Organochlorine pesticides by EPA Method 8081A

OPPs: Organophosphate pesticides EPA Method 8141A

NA: Not Analyzed

ND: None Detected. See laboratory report in Appendix B for reporting limits for specific compounds.

---: Not Applicable

CHHSL: California Human Health Screening Level

TTLC: Total Threshold Limit Concentration

STLC: Soluble Threshold Limit Concentration

TCLP: Toxicty Charateristic Leaching Procedure

The symbol "<" (less than) indicates that the constituent was not detected above the reporting limit indicated.

BOLD indicates concentration detected is above commercial/industrial CHHSL

Table 5
Soil Sample Analytical Results
San Joaquin Solar 1&2
AOC 3 - 80 acre Area of Historical Agricultural Use

Location ID	Sample Depth (ft)	Sample Date	OCPs (ug/kg)					As
			Dieldrin	4,4'-DDE	4,4'-DDD	4,4'-DDT	Toxaphene	
SJS-01	0-1	05-14-09	9.6	61	<5.0	15	770	NA
	0-1	09-03-09	NA	NA	NA	NA	NA	12.6
	1.5-2	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	11.5
SJS-02	0-1	05-14-09	6.9	100	<5.0	20	840	NA
	0-1	09-03-09	NA	NA	NA	NA	NA	12.3
	1.5-2	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	12.1
SJS-03	0-1	05-14-09	5.6	18	<5.0	<5.0	600	NA
	0-1	09-03-09	NA	NA	NA	NA	NA	10.7
	1.5-2	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	11.4
SJS-04	0-1	05-14-09	6.6	55	<5.0	<5.0	960	NA
	0-1	09-03-09	NA	NA	NA	NA	NA	11.2
	1.5-2	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	11.4
SJS-05	0-1	05-14-09	9.6	170	<5.0	28	1,000	NA
	0-1	09-03-09	NA	NA	NA	NA	NA	12.5
	1.5-2	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	11.4
SJS-06	0-1	05-14-09	13	270	12	63	1,300	NA
	0-1	09-03-09	NA	NA	NA	NA	NA	13.2
	1.5-2	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	11.2
SJS-07	0-1	05-14-09	6.9	90	5.6	14	950	NA
	0-1	09-03-09	NA	NA	NA	NA	NA	11.6
	1.5-2	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	11.7
SJS-08	0-1	05-14-09	<5.0	230	11	63	2,400	NA
	0-1	09-03-09	NA	NA	NA	NA	NA	10.1
	1.5-2	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	10.7
SJS-09	0-1	05-14-09	<5.0	260	<5.0	90	3,100	NA
	0-1	09-03-09	NA	NA	NA	NA	NA	11.8
	1.5-2	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	12.4
SJS-10	0-1	05-14-09	<5.0	230	11	68	2,400	NA
	0-1	09-03-09	NA	NA	NA	NA	NA	11.6
	1.5-2	09-03-09	<25	80	<25	<25	220	12.1
Commerical/Industrial CHHSL			130	6,300	9,000	6,300	1,800	0.24
TTLC (ug/kg)			8,000	1,000	1,000	1,000	5,000	500
STLC (ug/l)			800	100	100	100	500	5.0
TCLP (ug/l)			NE	NE	NE	NE	500	5.0

Notes:

OCPs: Organochlorine pesticides by EPA Method 8081A
As: Arsenic by EPA Method 7471A
NA: Not Analyzed
CHHSL: California Human Health Screening Level
TTLC: Total Threshold Limit Concentration
STLC: Soluble Threshold Limit Concentration
TCLP: Toxicity Characteristic Leaching Procedure
The symbol "<" (less than) indicates that the constituent was not detected above the reporting limit indicated.
BOLD indicates concentration detected is above commercial/industrial CHHSL.

Table 6
Soil Sample Analytical Results
San Joaquin Solar 1&2
AOC 4 - Diesel-fuel and Mixing ASTs

Location ID	Sample Depth (ft)	Sample Date	OCPs (ug/kg)	As
SJS-04-01	0-0.5	09-02-09	ND	7.02
SJS-04-02	0-0.5	09-02-09	ND	5.53
Commerical/Industrial CHHSL			ND	0.24
TTLC (ug/kg)			---	500
STLC (ug/l)			---	5.0
TCLP (ug/l)			---	5.0

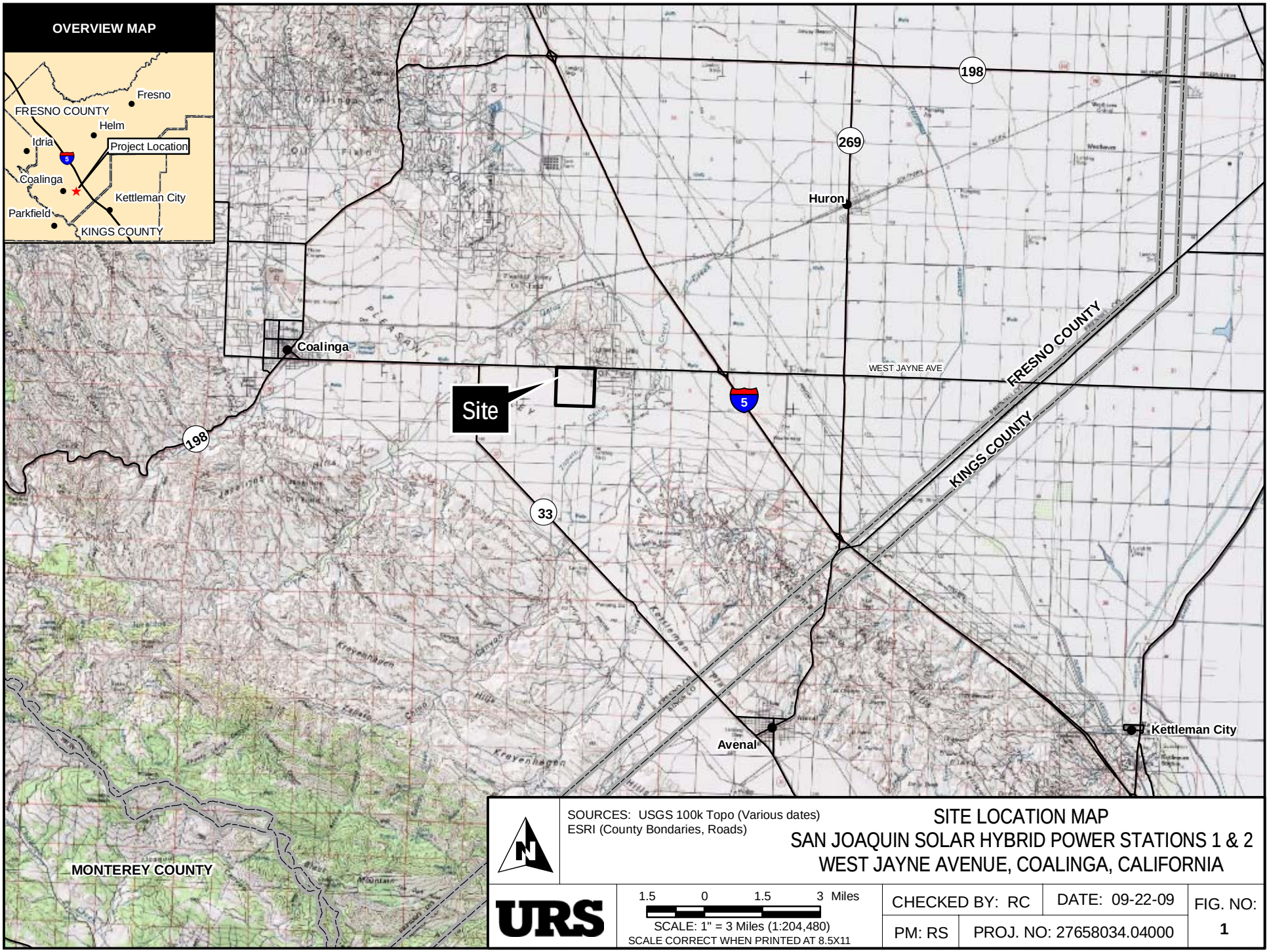
Notes:
OCPs: Organochlorine pesticides by EPA Method 8081A
As: Arsenic by EPA Method 7471A
ND: None Detected
---: Not Applicable
CHHSL: California Human Health Screening Level
TTLC: Total Threshold Limit Concentration
STLC: Soluble Threshold Limit Concentration
TCLP: Toxicity Characteristic Leaching Procedure

Table 7
Soil Sample Analytical Results
San Joaquin Solar 1&2
AOC 5 - Other Site Areas

Location ID	Sample Depth (ft)	Sample Date	OCPs (ug/kg)					As (mg/kg)
			Dieldrin	4,4'-DDE	4,4'-DDD	4,4'-DDT	Toxaphene	
Perimeter of AOC 3:								
SJS-05-01	0-1	09-03-09	<5.0	47	<5.0	<5.0	180	12.2
	1.5-2	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	12.0
SJS-05-02	0-1	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	13.8
	1.5-2	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	11.3
SJS-05-03	0-1	09-03-09	<5.0	26	<5.0	<5.0	<100	12.4
	1.5-2	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	10.6
SJS-05-04	0-1	09-03-09	11	29	<5.0	<5.0	120	11.7
	1.5-2	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	10.2
SJS-05-05	0-1	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	13.7
	1.5-2	09-03-09	<5.0	<5.0	<5.0	<5.0	<100	11.2
Background Arsenic Evaluation:								
SJS-05-06	0-1	09-03-09	NA	NA	NA	NA	NA	10.2
SJS-05-07	0-1	09-03-09	NA	NA	NA	NA	NA	10.6
SJS-05-08	0-1	09-03-09	NA	NA	NA	NA	NA	10.2
SJS-05-09	0-1	09-03-09	NA	NA	NA	NA	NA	8.04
SJS-05-10	0-1	09-03-09	NA	NA	NA	NA	NA	11.7
Commerical/Industrial CHHSL			130	6,300	9,000	6,300	1,800	0.24
TTLC (ug/kg)			8,000	1,000	1,000	1,000	5,000	500
STLC (ug/l)			800	100	100	100	500	5.0
TCLP (ug/l)			NE	NE	NE	NE	500	5.0

Notes:

OCPs: Organochlorine pesticides by EPA Method 8081
As: Arsenic by EPA Method 7471A
NA: Not Analyzed
The symbol "<" (less than) indicates that the constituent was not detected above the reporting limit indicated.



SOURCES: USGS 100k Topo (Various dates)
ESRI (County Bondaries, Roads)

SITE LOCATION MAP
SAN JOAQUIN SOLAR HYBRID POWER STATIONS 1 & 2
WEST JAYNE AVENUE, COALINGA, CALIFORNIA

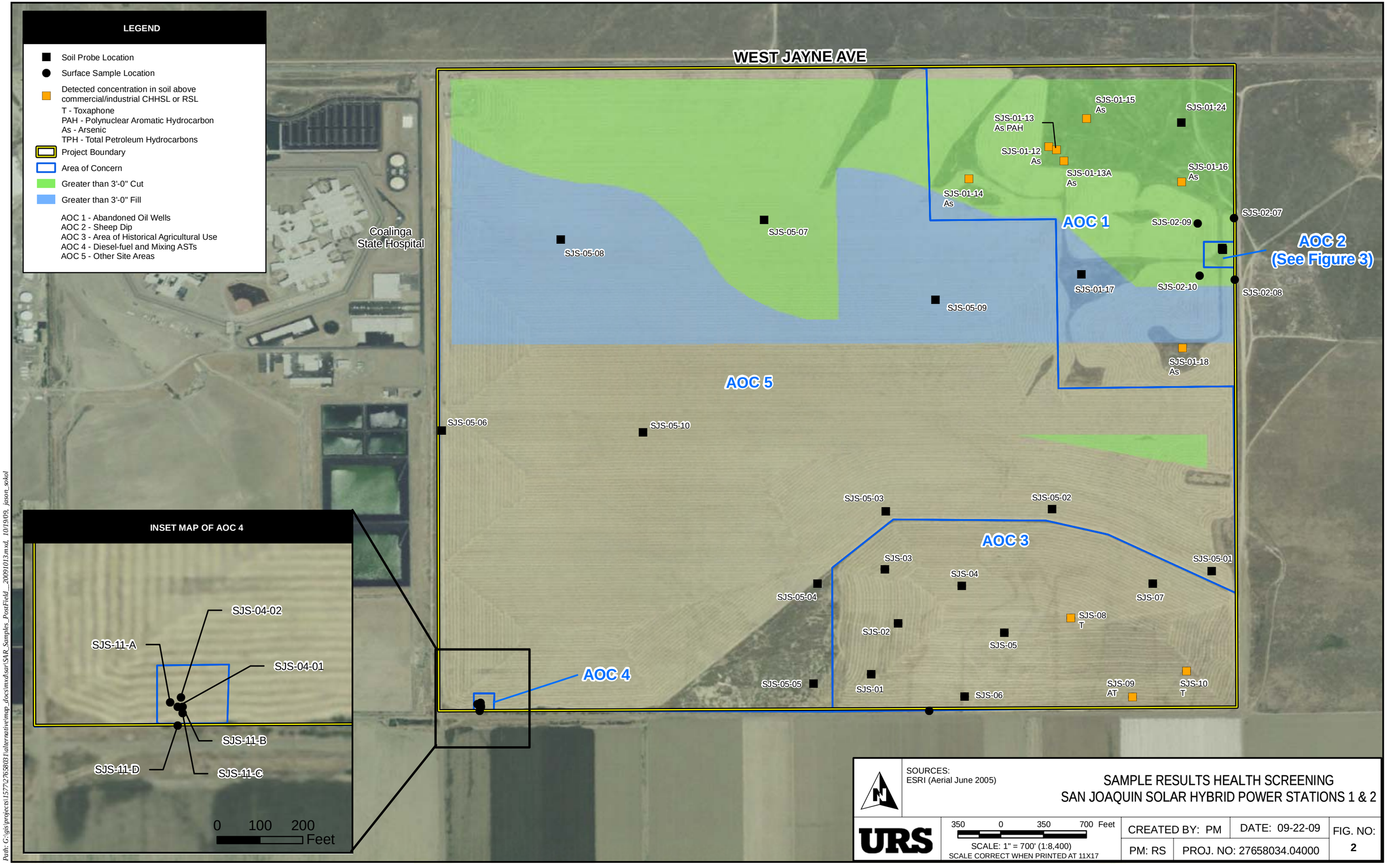
URS

1.5 0 1.5 3 Miles

SCALE: 1" = 3 Miles (1:204,480)
SCALE CORRECT WHEN PRINTED AT 8.5X11

CHECKED BY: RC	DATE: 09-22-09	FIG. NO: 1
PM: RS	PROJ. NO: 27658034.04000	

Path: G:\gis\projects\1577\27658031\alternativelmap_docs\mxd\sar\Site_Location.mxd, 10/19/09, jason_sokol



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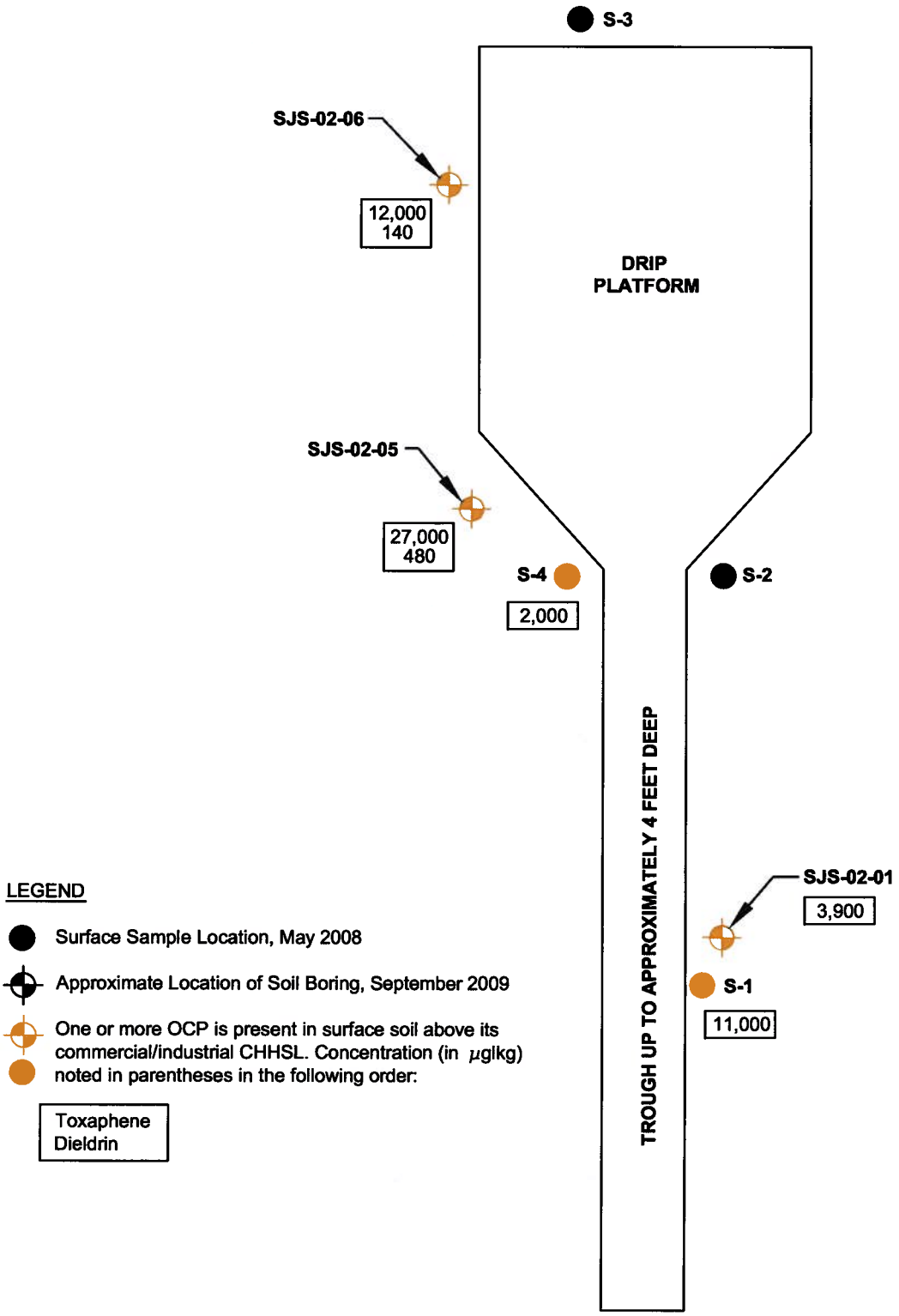

LEGEND

- Surface Sample Location, May 2008
- Approximate Location of Soil Boring, September 2009
- One or more OCP is present in surface soil above its commercial/industrial CHHSL. Concentration (in µg/kg) noted in parentheses in the following order:

  Toxaphene
  Dieldrin

SAMPLE RESULTS HEALTH SCREENING
AOC 2 - SHEEP DIP
SAN JOAQUIN, SOLAR HYBRID 1 & 2

URS

3 0 3 6 Feet
SCALE: 1"= 6'

CHECKED BY: RKS | DATE: 06-09-08 | FIG. NO: 3
PM: LW | PROJ. NO: 27658031.01400

S:\GEOENG\Anthony\Bethel Soil Sample Loc Map.dwg Oct 13, 2009 - 5:33pm

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Key to Log of Boring

Elevation, feet	Depth, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Blows / foot	Graphic Log	MATERIAL DESCRIPTION	Headspace PID, ppm		Drilling Progress, 24-hour clock	REMARKS
1	2	3	4	5	6	7	8	9	10	11

COLUMN DESCRIPTIONS

1 **Elevation:** Elevation in feet referenced to mean sea level (MSL) or site datum.

2 **Depth:** Depth in feet below the ground surface.

3 **Sample Type:** Type of soil sample collected at depth interval shown; sampler symbols are explained below.

4 **Sample Number:** Sample identification number.

5 **Blows / foot:** Number of blows to advance driven sampler 12 inches beyond first 6-inch interval, or distance noted, using a 140-lb hammer with a 30-inch drop (unless otherwise noted).

6 **Graphic Log:** Graphic depiction of subsurface material encountered; typical symbols are explained below.

7 **Material Description:** Description of material encountered; may include color, moisture, grain size, and density/consistency.

8 **Headspace PID:** Photo-ionization device field sample headspace reading in parts per million (ppm).

9

10 **Drilling Progress:** Time, in 24-hour clock, of sampling and drilling activities during downhole progress.

11 **Remarks:** Comments and observations regarding drilling or sampling made by driller or field personnel.

TYPICAL MATERIAL GRAPHIC SYMBOLS


Silty SAND (SM)


Poorly graded SAND (SP)


Well graded SAND with silt (SW-SM)


Lean CLAY


Fat CLAY (CH)


SILT (ML)

TYPICAL SAMPLER GRAPHIC SYMBOLS


Geoprobe direct push sampler

OTHER GRAPHIC SYMBOLS


First water encountered at time of drilling and sampling (ATD)


Change in material properties within a lithologic stratum

Inferred contact between strata or gradational change in lithology

GENERAL NOTES

1. Soil classifications are based on the Unified Soil Classification System. Descriptions and stratum lines are interpretive; actual lithologic changes may be gradual. Field descriptions may have been modified to reflect results of lab tests.
2. Descriptions on these logs apply only at the specific boring locations and at the time the borings were advanced. They are not warranted to be representative of subsurface conditions at other locations or times.

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-01-12

Sheet 1 of 1

Date(s) Drilled	**09/02/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**12.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**635 Feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 1- Former Oil Wells**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
634	0–1		1	60	0	1225		Loose, dry, pale brown, silty fine SAND (SM), non plastic fines, trace fine gravel, subangular	
632	2–3								
630	4–5		2	90	0	1228			
628	6–7							Loose, dry, pale yellow, fat CLAY (CH), high plasticity, low to moderate cementation	
626	8–9		3	100	0	1235			
624	10–11								
622	12–13							Bottom of boring at 12 feet	
620	14–15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-01-12

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-01-13

Sheet 1 of 1

Date(s) Drilled	**09/02/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**12.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**635 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 1- Former Oil Wells**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
	0								
634	1		1	60	0	110		Loose, dry, pale brown, fat CLAY (CH), high plasticity, fine grained sand	
	2								
632	3								
	4		2	70	0	1200		Loose, dry, brown, fine to medium grained SAND (SP-SM), fine gravel, subangular to subrounded, low plasticity	
630	5								
	6								
628	7								
	8							No gravel, moderately cemented fragments	
626	9		3	100	0	1212			
	10								
624	11								
	12							Bottom of boring at 12 feet	
622	13								
	14								
620	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-01-13

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-01-13-A

Sheet 1 of 1

Date(s) Drilled	**09/02/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**12.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**630 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 1- Former Oil Wells**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
630	0								
			1	60		1126		Loose, dry, pale brown, silty fine grained SAND (SM) with fine gravel, subangular to subrounded, non plastic, weakly cemented fragments	
	1								
628	2								
	3								
626	4								
			2	90		1131			
	5							Weak to moderately cemented, trace clay	
624	6								
	7								
622	8								
	9							Trace clay, trace fine gravel	
			3	95		1140			
620	10								
	11								
618	12							Bottom of boring at 12 feet	
	13								
616	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-01-13-A

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-01-14

Sheet 1 of 1

Date(s) Drilled	**09/02/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**12.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**620 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 1- Former Oil Wells**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
620	0								
			1	60	0	1356		Loose, dry, pale brown, fine CLAY with sand (CL-CH), medium to high plasticity, highly cemented fragments, white mottling, rootlets	
	1								
618	2								
	3								
616	4								
			2	95	0	1400			
	5								
614	6								
	7								
612	8							Loose, dry, pale yellow, fine CLAY (CL) with sand	
	9								
			3	100	0	1415			
610	10							Loose, dry, gray brown, silty fine to medium grained SAND (SM), with some subangular fine gravel	
	11								
608	12							Bottom of boring at 12 feet	
	13								
606	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-01-14

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-01-15

Sheet 1 of 1

Date(s) Drilled	**09/02/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**12.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**635 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 1- Former Oil Wells**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
635	0								
			1	60	0	1248		Loose, dry, pale brown, silty fine SAND (SM), non plastic	
634	1								
	2								
632	3								
	4		2	80	0	1251			
630	5							Moderately cemented fragments, fine son gravel, subangular to angular	
	6								
628	7								
	8								
626	9		3	100	0	1257		Loose, dry, light yellow brown, fat CLAY (CH) high plasticity, fine grained sand	
	10								
624	11								
	12							Bottom of boring at 12 feet	
622	13								
	14								
620	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-01-15

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-01-16

Sheet 1 of 1

Date(s) Drilled	**09/02/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**12.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**640 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 1- Former Oil Wells**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
640	0								
			1	60	0	1322		Loose, dry, light yellow brown, silty fine to medium grained SAND (SM) with fine gravel, subrounded to subangular	
	1								
638	2								
	3								
636	4								
			2	60	0	1330		Loose, dry to moist, pale brown, well graded SAND with silt (SW-SM) with fine gravel, subrounded to subangular, non plastic	
	5								
634	6								
	7								
632	8								
	9							Loose, dry, pale brown, lean CLAY (CL) with fine grained sand, non plastic	
			3	100	0	1335			
630	10								
	11								
628	12							Loose, dry, light gray, fine grained SAND (SP), non plastic	
								Bottom of boring at 12 feet	
	13								
626	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-01-16

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-01-17

Sheet 1 of 1

Date(s) Drilled	**09/02/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**12.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**610 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 1- Former Oil Wells**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
610	0								
			1	60	0	1428		Loose, dry, very pale brown, fat CLAY (CH) with fine grained sand	
	1								
608	2							Loose, dry, very pale brown, fine to medium grained SAND (SP-SM) very cemented fragments	
	3								
606	4								
			2	70	0	1438			
	5							Loose, dry, pale brown, silty fine SAND (SM), well cemented, fine gravel size fragments, non plastic	
604	6								
								Loose, moist, very pale brown, fat CLAY (CH), high plasticity, fine grained sand	
	7								
602	8								
	9							Becomes dark yellow brown	
			3	100	0	1442			
600	10								
	11								
598	12							Bottom of boring at 12 feet	
	13								
596	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-01-17

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-01-18

Sheet 1 of 1

Date(s) Drilled	**09/02/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**12.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**610 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 1- Former Oil Wells**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
610	0							Loose, dry, very pale brown, fat CLAY (CH) with fine grained sand	
	1		1	50	0	1458			
608	2								
	3								
606	4								
	5		2	50	0	1503			
604	6								
	7							Streaks of white	
602	8								
	9								
	10		3	100	0	1508			
600	11							Mottled white and yellow brown	
598	12							Bottom of boring at 12 feet	
	13								
596	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-01-18

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-01-24

Sheet 1 of 1

Date(s) Drilled	**09/02/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**12.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**635 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 1- Former Oil Wells**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
	0								
634	1		1	80	0	1100		Loose, dry, pale brown, silty fine to medium grained SAND (SM) with fine subangular gravel, non plastic	
	2								
632	3								
	4		2	80	0	1103			
630	5								
	6							Loose, moist, light brown to gray, fine to coarse grained SAND (SP)	
628	7								
	8								
626	9		3	95	0	1108			
	10							Loose, dry to moist, very pale brown, poorly graded SAND with silt (SP-SM), with dark brown, fine to coarse gravel, fine to coarse grained sand, non platic, subangular to subrounded gravel	
624	11								
	12							Bottom of boring a 12 feet	
622	13								
	14								
620	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-01-24

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-02-01

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**5.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**620 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 2- Sheep Dip**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
620	0		1	100		1142		Loose, dry, pale brown, silty fine grained SAND (SM), non plastic	
	1								
618	2		2			1143			
	3		3			1144		Loose, moist, brown, silty fine to medium grained SAND (SM), with fine gravel	
616	4								
	5		4	50		1145		Bottom of boring at 5 feet	
614	6								
	7								
612	8								
	9								
610	10								
	11								
608	12								
	13								
606	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-02-01

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-02-05

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**5.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**620 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 2- Sheep Dip**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
620	0		1	100		1115		Loose, dry, pale brown, fine grained SILT (ML), non to low plasticity	
	1								
618	2		2			1116		Loose, dry,brown, silty fine grained SAND (SM), trace subangular fine gravel, non plastic	
	3		3			1117			
616	4								
	5		4	50		1119		Bottom of boring at 5 feet	
614	6								
	7								
612	8								
	9								
610	10								
	11								
608	12								
	13								
606	14								
	15								

URS

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-02-05

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-02-06

Sheet 1 of 1

Date(s) Drilled	09/03/09	Logged By	D. Kass	Checked By	R.K. Scott
Drilling Method	Direct Push	Drill Bit Size/Type	1.5 inches	Total Depth of Borehole	5.0 feet
Drill Rig Type	M5T Marl Tracked Rig	Drilling Contractor	Gregg Drilling	Surface Elevation	620 feet MSL
Groundwater Level(s)	Not encountered	Sampler Type(s)	4' acetate sleeves	Borehole Backfill	Granular bentonite, hydrated
Coordinate Location		Location	See Site Plan, AOC 2- Sheep Dip		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
620	0		1	95		1148		Loose, dry, very pale brown, silty fine grained SAND (SM), non plastic	
	1								
618	2		2			1150			
	3		3			1149		Becomes moist with fine gravel	
616	4								
	5		4	50		1151		Bottom of boring at 5 feet	
614	6								
	7								
612	8								
	9								
610	10								
	11								
608	12								
	13								
606	14								
	15								

URS

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-02-06

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-01

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**4.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 3- 80-acre Area of Historical Agricultural Use**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0		1	100		0845		Loose, dry, yellow brown, fat CLAY (CH) with fine grained sand, high plasticity, pinholes	
	1								
			2			0846			
568	2							Becomes moist	
			3			0847			
	3								
566	4							Bottom of boring at 4 feet	
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-01

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-02

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**4.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 3- 80-acre Area of Historical Agricultural Use**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0		1	100		0859		Loose, dry, brown, fat CLAY (CH), with fine grained sand, high plasticity	
	1								
568	2		2			0900			
	3		3			0901			
566	4							Bottom of boring at 4 feet	
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-02

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-03

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**4.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 3- 80-acre Area of Historical Agricultural Use**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0		1	100		0917		Loose, moist, brown, fat CLAY (CH), with fine grained sand, high plasticity	
	1								
			2			0918			
568	2								
			3			0919			
	3								
566	4							Bottom of boring at 4 feet	
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-03

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-04

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**4.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 3- 80-acre Area of Historical Agricultural Use**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0		1	100		0923		Loose, moist, brown, fat CLAY (CH), with fine grained sand, high plasticity, white mottling	
	1								
			2			0924			
568	2								
			3			0925			
	3								
566	4							Bottom of boring at 4 feet	
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-04

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-05

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**4.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 3- 80-acre Area of Historical Agricultural Use**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0		1	100		0816		Loose, dry, brown, fat CLAY (CH), with fine grained sand, high plasticity, white mottling, pinholes	
	1								
568	2		2			0817			
	3		3			0818			
566	4							Bottom of boring at 4 feet	
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-05

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-05-01

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**4.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 5- Other Site Areas**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0		1	95		0729		Loose, dry, yellowish brown, fat CLAY (CH), with fine grained sand, high plasticity, pinholes	
	1								
			2			0731			
568	2								
	3								
566	4							Bottom of boring at 4 feet	
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-05-01

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-05-02

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**4.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 5- Other Site Areas**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0		1	100		0942		Loose, moist, brown, fat CLAY (CH), with fine grained sand, high plasticity, dry 0-6"	
	1								
			2			0943			
568	2								
	3								
566	4							Bottom of boring at 4 feet	
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-05-02

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-05-03

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**4.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 5- Other Site Areas**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0								
			1	100		0931		Loose, moist, brown, fat CLAY (CH), with fine grained sand, high plasticity, dry 0-6", white mottling	
	1								
			2			0932			
568	2								
	3								
566	4							Bottom of boring at 4 feet	
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-05-03

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-05-04

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**4.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 5- Other Site Areas**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0		1	100		0907		Loose, moist, brown, fat CLAY (CH), with fine grained sand, high plasticity	
	1								
			2			0908			
568	2								
	3								
566	4							Bottom of boring at 4 feet	
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-05-04

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-05-05

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**4.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 5- Other Site Areas**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0								
			1	100		0851		Loose, moist, dark brown, fat CLAY (CH), with fine grained sand, high plasticity	
	1								
			2			0852			
568	2								
			3			0853			
	3								
566	4							Bottom of boring at 4 feet	
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-05-05

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-05-06

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**2.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 5- Other Site Areas**		

Elevation, feet	Depth, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Recovery, %	SAMPLES: Headspace PID, ppm	SAMPLES: Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0		1	--		1044		Loose, dry, gray brown, fat CLAY (CH), with fine grained sand, high plasticity	
	1								
568	2							Bottom of boring at 2 feet	
	3								
566	4								
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-05-06

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-05-07

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**2.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**580 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 5- Other Site Areas**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
580	0		1	50		1133		Loose, dry, gray brown, fat CLAY (CH), with fine grained sand, high plasticity	
	1								
578	2							Bottom of boring at 2 feet	
	3								
576	4								
	5								
574	6								
	7								
572	8								
	9								
570	10								
	11								
568	12								
	13								
566	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-05-07

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-05-08

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**2.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**575 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 5- Other Site Areas**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
574	0–1		1	50		1131		Loose, dry, brown, fat CLAY (CH), with fine grained sand, high plasticity	
	2							Bottom of boring at 2 feet	
572	3								
	4								
570	5								
	6								
568	7								
	8								
566	9								
	10								
564	11								
	12								
562	13								
	14								
560	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-05-08

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-05-09

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**2.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**590 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 5- Other Site Areas**		

Elevation, feet	Depth, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Recovery, %	SAMPLES: Headspace PID, ppm	SAMPLES: Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
590	0		1	50		0959		Loose, dry, brown yellow, fat CLAY (CH), with fine grained sand, high plasticity	
	1								
588	2							Bottom of boring at 2 feet	
	3								
586	4								
	5								
584	6								
	7								
582	8								
	9								
580	10								
	11								
578	12								
	13								
576	14								
	15								

URS

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-05-09

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-05-10

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**2.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**575 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 5- Other Site Areas**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
574	0–1		1	50		1103		Loose, dry, brown, fat CLAY (CH), with fine grained sand, high plasticity, moderately cemented fragments	
	2							Bottom of boring at 2 feet	
572	3								
	4								
570	5								
	6								
568	7								
	8								
566	9								
	10								
564	11								
	12								
562	13								
	14								
560	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-05-10

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-06

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**4.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 3- 80-acre Area of Historical Agricultural Use**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0		1	90		0828		Loose, dry, brown, fat CLAY (CH), with fine grained sand, high plasticity	
	1								
			2			0821			
568	2							Becomes moist	
			3			0830			
	3								
566	4							Bottom of boring at 4 feet	
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-06

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-07

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**4.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 3- 80-acre Area of Historical Agricultural Use**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0		1	100		0741		Loose, dry, yellow brown, fat CLAY (CH), with fine grained sand, high plasticity	
	1								
			2			0472			
568	2								
			3			0743		Becomes moist	
	3								
566	4							Bottom of boring at 4 feet	
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-07

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-08

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**4.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 3- 80-acre Area of Historical Agricultural Use**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0		1	100		0803		Loose, dry to moist, dark brown, fat CLAY (CH), with fine grained sand, high plasticity, white mottling, pinholes	
	1								
			2			0804			
568	2								
			3			0805			
	3								
566	4							Bottom of boring at 4 feet	
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-08

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-09

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**4.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 3- 80-acre Area of Historical Agricultural Use**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0		1	100		075		Loose, dry, yellowish brown, fat CLAY (CH), with fine grained sand, high plasticity	
	1								
			2			0754			
568	2							Becomes moist	
			3			0755			
	3								
566	4							Bottom of boring at 4 feet	
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-09

URS

Project: San Joaquin Solar Hybrid Power Stations 1 & 2
Project Location: Jayne Avenue, Coalinga, CA
Project Number: 27658034.04000

Log of SJS-10

Sheet 1 of 1

Date(s) Drilled	**09/03/09**	Logged By	**D. Kass**	Checked By	**R.K. Scott**
Drilling Method	**Direct Push**	Drill Bit Size/Type	**1.5 inches**	Total Depth of Borehole	**4.0 feet**
Drill Rig Type	**M5T Marl Tracked Rig**	Drilling Contractor	**Gregg Drilling**	Surface Elevation	**570 feet MSL**
Groundwater Level(s)	**Not encountered**	Sampler Type(s)	**4' acetate sleeves**	Borehole Backfill	**Granular bentonite, hydrated**
Coordinate Location		Location	**See Site Plan, AOC 3- 80-acre Area of Historical Agricultural Use**		

Elevation, feet	Depth, feet	SAMPLES Type	Number	Recovery, %	Headspace PID, ppm	Sample Time	Graphic Log	MATERIAL DESCRIPTION	REMARKS
570	0		1	60		0715		Loose, dry, grayish brown, fat CLAY (CH), with fine grained sand, high plasticity, whit mottling, rootlets, pinholes	
	1								
568	2		2			0719			
	3		3			0720			
566	4							Bottom of boring at 4 feet	
	5								
564	6								
	7								
562	8								
	9								
560	10								
	11								
558	12								
	13								
556	14								
	15								

Report: ENV_SIMPLE_REC_PID_DRILLTIME; File: 27708034.GPJ; 10/16/2009 SJS-10

URS

Calscience
Environmental
Laboratories, Inc.

September 23, 2009

Robert Scott
URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Subject: **Calscience Work Order No.: 09-09-0351**
Client Reference: SJS 1 & 2 / 27708034.02000

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/4/2009 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Vikas Patel

Calscience Environmental
Laboratories, Inc.
Vikas Patel
Project Manager

Calscience Environmental Laboratories, Inc.

CASE NARRATIVE

Calscience Work Order No.: 09-09-0351

Data Summary

Original analysis for sample (SJS-01-13@4-5') by EPA 8310 had positive detections. EPA 8270 SIM was used to confirm the results for this sample. The SIM data did not confirm the 8310 hit for Acenaphthylene, thus the result is reported as ND.

Although the result for Acenaphthylene was ND, the recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) for the compound is out due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation	Date Received: 09/04/09
1615 Murray Canyon Road, Suite 1000	Work Order No: 09-09-0351
San Diego, CA 92108-4319	Preparation: EPA 3050B
	Method: EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01@0-1'	**09-09-0351-1-A**	**09/03/09 08:45**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:44**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	12.6	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02@0-1'	**09-09-0351-2-A**	**09/03/09 08:59**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:45**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	12.3	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-03@0-1'	**09-09-0351-3-A**	**09/03/09 09:17**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:48**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	10.7	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-04@0-1'	**09-09-0351-4-A**	**09/03/09 09:23**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:49**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	11.2	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05@0-1'	**09-09-0351-5-A**	**09/03/09 08:16**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:50**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	12.5	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-06@0-1'	**09-09-0351-6-A**	**09/03/09 08:28**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:51**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	13.2	0.750	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-07@0-1'	**09-09-0351-7-A**	**09/03/09 07:41**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:52**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	11.6	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-08@0-1'	**09-09-0351-8-A**	**09/03/09 08:03**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:53**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	10.1	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-09@0-1'	**09-09-0351-9-A**	**09/03/09 07:53**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:54**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	11.8	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-10@0-1'	**09-09-0351-10-A**	**09/03/09 07:15**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:55**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	11.6	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01@1.5-2'	**09-09-0351-11-A**	**09/03/09 08:46**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:56**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	11.5	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02@1.5-2'	**09-09-0351-12-A**	**09/03/09 09:00**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:57**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	12.1	0.750	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-03@1.5-2'	**09-09-0351-13-A**	**09/03/09 09:18**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:00**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	11.4	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-04@1.5-2'	**09-09-0351-14-A**	**09/03/09 09:24**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:01**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	11.4	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05@1.5-2'	**09-09-0351-15-A**	**09/03/09 08:17**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:02**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	11.4	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-06@1.5-2'	**09-09-0351-16-A**	**09/03/09 08:29**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:03**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	11.2	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-07@1.5-2'	**09-09-0351-17-A**	**09/03/09 07:42**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:04**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	11.7	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-08@1.5-2'	**09-09-0351-18-A**	**09/03/09 08:04**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:05**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	10.7	0.750	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-09@1.5-2'	**09-09-0351-19-A**	**09/03/09 07:54**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:06**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	12.4	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-10@1.5-2'	**09-09-0351-20-A**	**09/03/09 07:19**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:07**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	12.1	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-01@0-1'	**09-09-0351-31-A**	**09/03/09 07:29**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:08**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	12.2	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-02@0-1'	**09-09-0351-32-A**	**09/03/09 09:42**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:09**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	13.8	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-03@0-1'	**09-09-0351-33-A**	**09/03/09 09:31**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:12**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	12.4	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-04@0-1'	**09-09-0351-34-A**	**09/03/09 09:07**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:13**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	11.7	0.750	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-05@0-1'	**09-09-0351-35-A**	**09/03/09 08:51**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:14**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	13.7	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-06@0-1'	**09-09-0351-36-A**	**09/03/09 10:44**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:15**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	10.2	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-07@0-1'	**09-09-0351-37-A**	**09/03/09 11:33**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:16**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	10.6	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-08@0-1'	**09-09-0351-38-A**	**09/03/09 11:31**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:17**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	10.2	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-09@0-1'	**09-09-0351-39-A**	**09/03/09 09:59**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:18**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	8.04	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-10@0-1'	**09-09-0351-40-A**	**09/03/09 11:03**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:19**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	11.7	0.750	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-01@1.5-2'	**09-09-0351-41-A**	**09/03/09 07:31**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:20**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	12.0	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-02@1.5-2'	**09-09-0351-42-A**	**09/03/09 09:43**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:21**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	11.3	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-03@1.5-2'	**09-09-0351-43-A**	**09/03/09 09:32**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:24**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	10.6	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-04@1.5-2'	**09-09-0351-44-A**	**09/03/09 09:08**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:25**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	10.2	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-05@1.5-2'	**09-09-0351-45-A**	**09/03/09 08:52**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:26**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	11.2	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-01@0-0.5'	**09-09-0351-46-A**	**09/03/09 11:42**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:27**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	7.85	0.750	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-01@1.5-2'	**09-09-0351-47-A**	**09/03/09 11:43**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:28**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	7.34	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-01@4.5-5'	**09-09-0351-48-A**	**09/03/09 11:45**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:29**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	7.82	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-05@0-0.5'	**09-09-0351-49-A**	**09/03/09 11:15**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:30**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	8.96	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-05@1.5-2'	**09-09-0351-50-A**	**09/03/09 11:16**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:31**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	6.13	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-05@4.5-5'	**09-09-0351-51-A**	**09/03/09 11:19**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:38**	**090908L06**

Parameter	Result	RL	DF	Qual	Units
Arsenic	7.97	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-06@0-0.5'	**09-09-0351-52-A**	**09/03/09 11:48**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:39**	**090908L06**

Parameter	Result	RL	DF	Qual	Units
Arsenic	6.36	0.750	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-06@1.5-2'	**09-09-0351-53-A**	**09/03/09 11:50**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:40**	**090908L06**

Parameter	Result	RL	DF	Qual	Units
Arsenic	6.92	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-06@4.5-5'	**09-09-0351-54-A**	**09/03/09 11:51**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:41**	**090908L06**

Parameter	Result	RL	DF	Qual	Units
Arsenic	8.80	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-07@0	**09-09-0351-55-A**	**09/02/09 09:30**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:42**	**090908L06**

Parameter	Result	RL	DF	Qual	Units
Arsenic	8.70	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-08@0	**09-09-0351-56-A**	**09/02/09 09:35**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:43**	**090908L06**

Parameter	Result	RL	DF	Qual	Units
Arsenic	10.1	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-09@0	**09-09-0351-57-A**	**09/02/09 09:40**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:44**	**090908L06**

Parameter	Result	RL	DF	Qual	Units
Arsenic	6.57	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-10@0	**09-09-0351-58-A**	**09/02/09 09:50**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:45**	**090908L06**

Parameter	Result	RL	DF	Qual	Units
Arsenic	11.8	0.750	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation	Date Received: 09/04/09
1615 Murray Canyon Road, Suite 1000	Work Order No: 09-09-0351
San Diego, CA 92108-4319	Preparation: EPA 3050B
	Method: EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-04-01@0	**09-09-0351-59-A**	**09/02/09 09:00**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:48**	**090908L06**

Parameter	Result	RL	DF	Qual	Units
Arsenic	7.02	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-04-02@0	**09-09-0351-60-A**	**09/02/09 09:05**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:49**	**090908L06**

Parameter	Result	RL	DF	Qual	Units
Arsenic	5.53	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-12,717**	**N/A**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:37**	**090908L04**

Parameter	Result	RL	DF	Qual	Units
Arsenic	ND	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-12,718**	**N/A**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:36**	**090908L05**

Parameter	Result	RL	DF	Qual	Units
Arsenic	ND	0.750	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-12,719**	**N/A**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 21:32**	**090908L06**

Parameter	Result	RL	DF	Qual	Units
Arsenic	ND	0.750	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-12@0-1'	**09-09-0351-64-A**	**09/02/09 12:23**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:00**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 10:25:40 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.366	0.0835	1	
Arsenic	72.9	0.750	1		Molybdenum	ND	0.250	1	
Barium	175	0.500	1		Nickel	42.9	0.250	1	
Beryllium	0.282	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	33.0	0.250	1		Thallium	ND	0.750	1	
Cobalt	8.30	0.250	1		Vanadium	36.9	0.250	1	
Copper	14.6	0.500	1		Zinc	41.9	1.00	1	
Lead	6.18	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-13A@0-1'	**09-09-0351-66-A**	**09/02/09 11:26**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:01**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 10:27:57 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.0947	0.0835	1	
Arsenic	9.43	0.750	1		Molybdenum	ND	0.250	1	
Barium	166	0.500	1		Nickel	35.1	0.250	1	
Beryllium	0.254	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	0.472	0.250	1	
Chromium	25.3	0.250	1		Thallium	ND	0.750	1	
Cobalt	7.30	0.250	1		Vanadium	38.6	0.250	1	
Copper	10.8	0.500	1		Zinc	25.7	1.00	1	
Lead	2.92	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-15@0-1'	**09-09-0351-68-A**	**09/02/09 12:48**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:02**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 10:30:11 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.111	0.0835	1	
Arsenic	11.4	0.750	1		Molybdenum	ND	0.250	1	
Barium	280	0.500	1		Nickel	32.4	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	26.8	0.250	1		Thallium	ND	0.750	1	
Cobalt	7.66	0.250	1		Vanadium	46.0	0.250	1	
Copper	10.6	0.500	1		Zinc	26.8	1.00	1	
Lead	2.67	0.500	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3050B / EPA 7471A Total
		Method:	EPA 6010B / EPA 7471A
		Units:	mg/kg
Project: SJS 1 & 2 / 27708034.02000			Page 2 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-17@0-1'	**09-09-0351-70-A**	**09/02/09 14:28**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:03**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 10:32:22 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	11.2	0.750	1		Molybdenum	ND	0.250	1	
Barium	48.6	0.500	1		Nickel	23.7	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	0.672	0.250	1	
Chromium	37.1	0.250	1		Thallium	ND	0.750	1	
Cobalt	3.39	0.250	1		Vanadium	41.6	0.250	1	
Copper	6.00	0.500	1		Zinc	15.1	1.00	1	
Lead	0.781	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-18@0-1'	**09-09-0351-71-A**	**09/02/09 14:58**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:04**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 10:34:33 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.0868	0.0835	1	
Arsenic	9.09	0.750	1		Molybdenum	ND	0.250	1	
Barium	197	0.500	1		Nickel	47.7	0.250	1	
Beryllium	0.318	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	37.2	0.250	1		Thallium	ND	0.750	1	
Cobalt	9.19	0.250	1		Vanadium	43.3	0.250	1	
Copper	16.5	0.500	1		Zinc	41.4	1.00	1	
Lead	4.12	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-12@4-5'	**09-09-0351-73-A**	**09/02/09 12:28**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:06**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 10:41:32 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.102	0.0835	1	
Arsenic	104	0.750	1		Molybdenum	0.583	0.250	1	
Barium	101	0.500	1		Nickel	38.8	0.250	1	
Beryllium	0.268	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	31.4	0.250	1		Thallium	ND	0.750	1	
Cobalt	9.79	0.250	1		Vanadium	71.9	0.250	1	
Copper	19.0	0.500	1		Zinc	38.3	1.00	1	
Lead	3.34	0.500	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3050B / EPA 7471A Total
		Method:	EPA 6010B / EPA 7471A
		Units:	mg/kg
Project: SJS 1 & 2 / 27708034.02000			Page 3 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-13A@4-5'	**09-09-0351-75-A**	**09/02/09 11:31**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:07**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 10:43:44 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.109	0.0835	1	
Arsenic	41.1	0.750	1		Molybdenum	ND	0.250	1	
Barium	78.7	0.500	1		Nickel	31.4	0.250	1	
Beryllium	0.265	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	31.7	0.250	1		Thallium	ND	0.750	1	
Cobalt	9.22	0.250	1		Vanadium	113	0.250	1	
Copper	13.4	0.500	1		Zinc	30.2	1.00	1	
Lead	3.02	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-14@4-5'	**09-09-0351-76-A**	**09/02/09 14:00**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:10**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 10:45:56 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.106	0.0835	1	
Arsenic	23.0	0.750	1		Molybdenum	ND	0.250	1	
Barium	146	0.500	1		Nickel	37.3	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	0.472	0.250	1	
Chromium	53.7	0.250	1		Thallium	ND	0.750	1	
Cobalt	6.24	0.250	1		Vanadium	64.4	0.250	1	
Copper	10.8	0.500	1		Zinc	28.1	1.00	1	
Lead	2.59	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-15@4-5'	**09-09-0351-77-A**	**09/02/09 12:51**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:11**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 10:48:10 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.0880	0.0835	1	
Arsenic	8.86	0.750	1		Molybdenum	ND	0.250	1	
Barium	269	0.500	1		Nickel	36.5	0.250	1	
Beryllium	0.262	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	21.4	0.250	1		Thallium	ND	0.750	1	
Cobalt	8.49	0.250	1		Vanadium	37.9	0.250	1	
Copper	9.83	0.500	1		Zinc	27.9	1.00	1	
Lead	2.87	0.500	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3050B / EPA 7471A Total
		Method:	EPA 6010B / EPA 7471A
		Units:	mg/kg
Project: SJS 1 & 2 / 27708034.02000			Page 4 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-16@4-5'	**09-09-0351-78-A**	**09/02/09 13:30**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:12**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 10:50:24 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.126	0.0835	1	
Arsenic	167	0.750	1		Molybdenum	0.303	0.250	1	
Barium	735	0.500	1		Nickel	42.2	0.250	1	
Beryllium	0.280	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	27.6	0.250	1		Thallium	ND	0.750	1	
Cobalt	8.27	0.250	1		Vanadium	37.0	0.250	1	
Copper	16.7	0.500	1		Zinc	59.4	1.00	1	
Lead	13.7	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-24@4-5'	**09-09-0351-81-A**	**09/02/09 11:03**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:14**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 10:52:38 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	5.39	0.750	1		Molybdenum	0.390	0.250	1	
Barium	68.4	0.500	1		Nickel	23.1	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	19.3	0.250	1		Thallium	ND	0.750	1	
Cobalt	5.94	0.250	1		Vanadium	24.7	0.250	1	
Copper	6.71	0.500	1		Zinc	20.2	1.00	1	
Lead	2.06	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-13@9-10'	**09-09-0351-83-A**	**09/02/09 12:00**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:15**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 10:54:53 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.123	0.0835	1	
Arsenic	10.0	0.750	1		Molybdenum	3.04	0.250	1	
Barium	54.8	0.500	1		Nickel	33.6	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	0.594	0.250	1	
Chromium	25.6	0.250	1		Thallium	ND	0.750	1	
Cobalt	6.57	0.250	1		Vanadium	25.2	0.250	1	
Copper	11.1	0.500	1		Zinc	22.1	1.00	1	
Lead	1.46	0.500	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-14@9-10'	**09-09-0351-85-A**	**09/02/09 14:15**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:16**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 10:57:09 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.0858	0.0835	1	
Arsenic	5.37	0.750	1		Molybdenum	0.302	0.250	1	
Barium	105	0.500	1		Nickel	39.8	0.250	1	
Beryllium	0.256	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	53.8	0.250	1		Thallium	ND	0.750	1	
Cobalt	8.39	0.250	1		Vanadium	32.6	0.250	1	
Copper	12.5	0.500	1		Zinc	30.8	1.00	1	
Lead	1.46	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-15@9-10'	**09-09-0351-86-A**	**09/02/09 12:57**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:17**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 10:59:24 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.106	0.0835	1	
Arsenic	31.2	0.750	1		Molybdenum	0.448	0.250	1	
Barium	108	0.500	1		Nickel	43.5	0.250	1	
Beryllium	0.444	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	36.9	0.250	1		Thallium	ND	0.750	1	
Cobalt	11.1	0.250	1		Vanadium	79.9	0.250	1	
Copper	21.6	0.500	1		Zinc	47.7	1.00	1	
Lead	4.59	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-16@9-10'	**09-09-0351-87-A**	**09/02/09 13:35**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:18**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 11:01:41 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.0959	0.0835	1	
Arsenic	8.46	0.750	1		Molybdenum	0.757	0.250	1	
Barium	281	0.500	1		Nickel	26.3	0.250	1	
Beryllium	0.261	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	0.261	0.250	1	
Chromium	29.5	0.250	1		Thallium	ND	0.750	1	
Cobalt	9.03	0.250	1		Vanadium	36.8	0.250	1	
Copper	12.4	0.500	1		Zinc	33.6	1.00	1	
Lead	2.59	0.500	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-24@9-10'	**09-09-0351-90-A**	**09/02/09 11:08**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 20:19**	**090908L07**

Comment(s): -Mercury was analyzed on 9/9/2009 11:08:27 AM with batch 090908L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	5.86	0.750	1		Molybdenum	ND	0.250	1	
Barium	26.6	0.500	1		Nickel	22.9	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	23.0	0.250	1		Thallium	ND	0.750	1	
Cobalt	6.21	0.250	1		Vanadium	33.4	0.250	1	
Copper	8.26	0.500	1		Zinc	28.0	1.00	1	
Lead	2.10	0.500	1						

Method Blank	**099-04-007-6,531**	**N/A**	**Solid**	**Mercury**	**09/08/09**	**09/09/09 10:14**	**090908L07**

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0835	1	

Method Blank	**097-01-002-12,720**	**N/A**	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09 19:28**	**090908L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Lead	ND	0.500	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	ND	0.500	1		Nickel	ND	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	ND	0.250	1		Thallium	ND	0.750	1	
Cobalt	ND	0.250	1		Vanadium	ND	0.250	1	
Copper	ND	0.500	1		Zinc	ND	1.00	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-12@0-1'	**09-09-0351-64-A**	**09/02/09 12:23**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 00:40**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	ND		1	
C7	ND		1		C23-C24	ND		1	
C8	ND		1		C25-C28	ND		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	ND		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	0.38		1		C41-C44	ND		1	
C17-C18	0.059		1		C6-C44 Total	ND	5.0	1	
C19-C20	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	99	61-145	

SJS-01-13@0-1'	09-09-0351-65-A	09/02/09 11:50	Solid	GC 49	09/08/09	09/09/09 00:56	090908B04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	0.25		1	
C7	ND		1		C23-C24	0.024		1	
C8	ND		1		C25-C28	ND		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	ND		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	0.32		1		C41-C44	ND		1	
C17-C18	0.059		1		C6-C44 Total	ND	5.0	1	
C19-C20	0.15		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	117	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-13A@0-1'	**09-09-0351-66-A**	**09/02/09 11:26**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 01:13**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	7.2		1	
C7	ND		1		C23-C24	8.5		1	
C8	0.029		1		C25-C28	18		1	
C9-C10	0.92		1		C29-C32	25		1	
C11-C12	0.39		1		C33-C36	22		1	
C13-C14	0.34		1		C37-C40	20		1	
C15-C16	2.1		1		C41-C44	19		1	
C17-C18	3.1		1		C6-C44 Total	130	5.0	1	
C19-C20	4.7		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	110	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-14@0-1'	**09-09-0351-67-A**	**09/02/09 13:56**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 01:29**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	0.18		1	
C7	ND		1		C23-C24	0.016		1	
C8	ND		1		C25-C28	ND		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	ND		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	0.057		1		C41-C44	ND		1	
C17-C18	ND		1		C6-C44 Total	ND	5.0	1	
C19-C20	0.16		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	104	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-15@0-1'	**09-09-0351-68-A**	**09/02/09 12:48**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 01:47**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	ND		1	
C7	ND		1		C23-C24	ND		1	
C8	ND		1		C25-C28	ND		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	ND		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	ND		1		C41-C44	ND		1	
C17-C18	ND		1		C6-C44 Total	ND	5.0	1	
C19-C20	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-16@0-1'	**09-09-0351-69-A**	**09/02/09 13:22**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 02:03**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	ND		1	
C7	ND		1		C23-C24	ND		1	
C8	ND		1		C25-C28	ND		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	ND		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	0.094		1		C41-C44	ND		1	
C17-C18	ND		1		C6-C44 Total	ND	5.0	1	
C19-C20	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	101	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-17@0-1'	**09-09-0351-70-A**	**09/02/09 14:28**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 02:21**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	ND		1	
C7	ND		1		C23-C24	ND		1	
C8	ND		1		C25-C28	ND		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	ND		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	0.16		1		C41-C44	ND		1	
C17-C18	ND		1		C6-C44 Total	ND	5.0	1	
C19-C20	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	109	61-145	

SJS-01-18@0-1'	09-09-0351-71-A	09/02/09 14:58	Solid	GC 49	09/08/09	09/09/09 02:38	090908B04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	5.3		1	
C7	ND		1		C23-C24	6.1		1	
C8	ND		1		C25-C28	11		1	
C9-C10	0.064		1		C29-C32	13		1	
C11-C12	0.17		1		C33-C36	8.3		1	
C13-C14	0.11		1		C37-C40	5.9		1	
C15-C16	1.5		1		C41-C44	4.2		1	
C17-C18	2.7		1		C6-C44 Total	63	5.0	1	
C19-C20	4.9		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	66	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-24@0-1'	**09-09-0351-72-A**	**09/02/09 11:00**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 02:55**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	1.6		1	
C7	ND		1		C23-C24	0.19		1	
C8	ND		1		C25-C28	0.17		1	
C9-C10	ND		1		C29-C32	0.052		1	
C11-C12	ND		1		C33-C36	0.26		1	
C13-C14	0.049		1		C37-C40	0.052		1	
C15-C16	0.72		1		C41-C44	ND		1	
C17-C18	0.66		1		C6-C44 Total	ND	5.0	1	
C19-C20	0.57		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	120	61-145	

SJS-01-12@4-5'	09-09-0351-73-A	09/02/09 12:28	Solid	GC 49	09/08/09	09/09/09 03:13	090908B04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	0.40		1	
C7	ND		1		C23-C24	0.18		1	
C8	ND		1		C25-C28	0.27		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	ND		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	0.078		1		C41-C44	ND		1	
C17-C18	0.22		1		C6-C44 Total	ND	5.0	1	
C19-C20	0.15		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	111	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-13@4-5'	**09-09-0351-74-A**	**09/02/09 12:00**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 03:48**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		2		C21-C22	42		2	
C7	1.1		2		C23-C24	19		2	
C8	0.13		2		C25-C28	46		2	
C9-C10	4.0		2		C29-C32	46		2	
C11-C12	1.6		2		C33-C36	39		2	
C13-C14	1.1		2		C37-C40	19		2	
C15-C16	7.7		2		C41-C44	19		2	
C17-C18	25		2		C6-C44 Total	280	10	2	
C19-C20	14		2						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	110	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-13A@4-5'	**09-09-0351-75-A**	**09/02/09 11:31**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 04:05**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	1.2		1	
C7	ND		1		C23-C24	1.0		1	
C8	0.13		1		C25-C28	2.6		1	
C9-C10	0.17		1		C29-C32	3.2		1	
C11-C12	0.15		1		C33-C36	2.6		1	
C13-C14	0.14		1		C37-C40	1.7		1	
C15-C16	0.57		1		C41-C44	2.7		1	
C17-C18	0.86		1		C6-C44 Total	18	5.0	1	
C19-C20	0.94		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	99	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-14@4-5'	**09-09-0351-76-A**	**09/02/09 14:00**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 04:22**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	ND		1	
C7	ND		1		C23-C24	ND		1	
C8	ND		1		C25-C28	ND		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	0.063		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	0.39		1		C41-C44	ND		1	
C17-C18	0.035		1		C6-C44 Total	ND	5.0	1	
C19-C20	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	93	61-145	

SJS-01-15@4-5'	09-09-0351-77-A	09/02/09 12:51	Solid	GC 49	09/08/09	09/09/09 04:39	090908B04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	0.40		1	
C7	ND		1		C23-C24	0.12		1	
C8	ND		1		C25-C28	0.16		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	ND		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	0.76		1		C41-C44	ND		1	
C17-C18	0.43		1		C6-C44 Total	ND	5.0	1	
C19-C20	0.35		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	71	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-16@4-5'	**09-09-0351-78-A**	**09/02/09 13:30**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 04:56**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	3.3		1	
C7	ND		1		C23-C24	2.4		1	
C8	ND		1		C25-C28	5.4		1	
C9-C10	0.20		1		C29-C32	7.0		1	
C11-C12	0.11		1		C33-C36	6.9		1	
C13-C14	0.095		1		C37-C40	4.6		1	
C15-C16	0.37		1		C41-C44	4.0		1	
C17-C18	1.5		1		C6-C44 Total	37	5.0	1	
C19-C20	1.6		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	63	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-17@4-5'	**09-09-0351-79-A**	**09/02/09 14:38**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 05:14**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	0.51		1	
C7	ND		1		C23-C24	0.21		1	
C8	ND		1		C25-C28	0.12		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	ND		1		C33-C36	ND		1	
C13-C14	0.049		1		C37-C40	ND		1	
C15-C16	0.59		1		C41-C44	ND		1	
C17-C18	0.53		1		C6-C44 Total	ND	5.0	1	
C19-C20	0.49		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-18@4-5'	**09-09-0351-80-A**	**09/02/09 15:03**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 05:31**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	6.5		1	
C7	ND		1		C23-C24	4.3		1	
C8	ND		1		C25-C28	4.1		1	
C9-C10	0.052		1		C29-C32	2.6		1	
C11-C12	0.17		1		C33-C36	0.69		1	
C13-C14	0.28		1		C37-C40	0.048		1	
C15-C16	2.4		1		C41-C44	0.58		1	
C17-C18	5.6		1		C6-C44 Total	34	5.0	1	
C19-C20	7.1		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	88	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-24@4-5'	**09-09-0351-81-A**	**09/02/09 11:03**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 05:48**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	3.2		1	
C7	ND		1		C23-C24	1.6		1	
C8	ND		1		C25-C28	3.6		1	
C9-C10	0.27		1		C29-C32	3.8		1	
C11-C12	1.7		1		C33-C36	3.4		1	
C13-C14	0.42		1		C37-C40	2.3		1	
C15-C16	1.2		1		C41-C44	2.9		1	
C17-C18	1.7		1		C6-C44 Total	29	5.0	1	
C19-C20	2.4		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	111	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-12@9-10'	**09-09-0351-82-A**	**09/02/09 12:28**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 06:04**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	2.7		1	
C7	ND		1		C23-C24	3.5		1	
C8	ND		1		C25-C28	6.6		1	
C9-C10	0.51		1		C29-C32	6.6		1	
C11-C12	1.0		1		C33-C36	7.7		1	
C13-C14	0.42		1		C37-C40	7.5		1	
C15-C16	3.1		1		C41-C44	6.7		1	
C17-C18	1.3		1		C6-C44 Total	52	5.0	1	
C19-C20	3.8		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	103	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-13@9-10'	**09-09-0351-83-A**	**09/02/09 12:00**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 06:21**	**090908B04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	1.7		1	
C7	ND		1		C23-C24	2.3		1	
C8	ND		1		C25-C28	3.2		1	
C9-C10	0.023		1		C29-C32	4.8		1	
C11-C12	0.22		1		C33-C36	4.0		1	
C13-C14	0.28		1		C37-C40	4.4		1	
C15-C16	1.8		1		C41-C44	6.4		1	
C17-C18	0.83		1		C6-C44 Total	32	5.0	1	
C19-C20	2.2		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	121	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-13A@9-10'	**09-09-0351-84-A**	**09/02/09 11:40**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 08:20**	**090908B05**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	ND		1	
C7	ND		1		C23-C24	ND		1	
C8	ND		1		C25-C28	ND		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	ND		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	0.18		1		C41-C44	ND		1	
C17-C18	ND		1		C6-C44 Total	ND	5.0	1	
C19-C20	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	88	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-14@9-10'	**09-09-0351-85-A**	**09/02/09 14:15**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 08:37**	**090908B05**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	0.18		1	
C7	ND		1		C23-C24	0.039		1	
C8	ND		1		C25-C28	ND		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	0.13		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	0.47		1		C41-C44	ND		1	
C17-C18	ND		1		C6-C44 Total	ND	5.0	1	
C19-C20	0.067		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	118	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-15@9-10'	**09-09-0351-86-A**	**09/02/09 12:57**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 08:54**	**090908B05**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	1.0		1	
C7	ND		1		C23-C24	0.67		1	
C8	ND		1		C25-C28	0.97		1	
C9-C10	ND		1		C29-C32	0.70		1	
C11-C12	0.32		1		C33-C36	0.14		1	
C13-C14	0.23		1		C37-C40	0.068		1	
C15-C16	0.91		1		C41-C44	ND		1	
C17-C18	1.1		1		C6-C44 Total	7.0	5.0	1	
C19-C20	0.92		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	113	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-16@9-10'	**09-09-0351-87-A**	**09/02/09 13:35**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 09:11**	**090908B05**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	0.37		1	
C7	ND		1		C23-C24	0.22		1	
C8	ND		1		C25-C28	0.16		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	ND		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	0.66		1		C41-C44	ND		1	
C17-C18	0.49		1		C6-C44 Total	ND	5.0	1	
C19-C20	0.51		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	95	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-17@9-10'	**09-09-0351-88-A**	**09/02/09 14:42**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 09:29**	**090908B05**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	0.27		1	
C7	ND		1		C23-C24	0.12		1	
C8	ND		1		C25-C28	0.26		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	0.14		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	1.1		1		C41-C44	ND		1	
C17-C18	0.33		1		C6-C44 Total	ND	5.0	1	
C19-C20	0.14		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	114	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-18@9-10'	**09-09-0351-89-A**	**09/02/09 15:08**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 09:46**	**090908B05**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	ND		1	
C7	ND		1		C23-C24	ND		1	
C8	ND		1		C25-C28	ND		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	0.051		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	0.34		1		C41-C44	ND		1	
C17-C18	ND		1		C6-C44 Total	ND	5.0	1	
C19-C20	ND		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	117	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation	Date Received: 09/04/09
1615 Murray Canyon Road, Suite 1000	Work Order No: 09-09-0351
San Diego, CA 92108-4319	Preparation: EPA 3550B
	Method: EPA 8015B (M)
	Units: mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-24@9-10'	**09-09-0351-90-A**	**09/02/09 11:08**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 10:03**	**090908B05**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	2.2		1	
C7	ND		1		C23-C24	0.17		1	
C8	ND		1		C25-C28	0.29		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	ND		1		C33-C36	ND		1	
C13-C14	0.12		1		C37-C40	ND		1	
C15-C16	0.29		1		C41-C44	ND		1	
C17-C18	0.50		1		C6-C44 Total	ND	5.0	1	
C19-C20	0.51		1						

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	117	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-275-2,927**	**N/A**	**Solid**	**GC 49**	**09/08/09**	**09/08/09 23:16**	**090908B04**

Parameter	Result	RL	DF	Qual
TPH as Diesel	ND	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	132	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-275-2,928**	**N/A**	**Solid**	**GC 49**	**09/08/09**	**09/09/09 06:54**	**090908B05**

Parameter	Result	RL	DF	Qual
TPH as Diesel	ND	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	132	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8310
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000 — Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-13@4-5'	**09-09-0351-74-A**	**09/02/09 12:00**	**Solid**	**HPLC 5**	**09/16/09**	**09/18/09 11:57**	**090916L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	4800	150	10		Benzo (a) Anthracene	2100	100	10	
Acenaphthylene	ND	300	10		Chrysene	3200	100	10	
Acenaphthene	1000	150	10		Benzo (b) Fluoranthene	1800	100	10	
Fluorene	750	100	10		Benzo (k) Fluoranthene	1200	100	10	
Phenanthrene	5700	100	10		Benzo (a) Pyrene	2000	100	10	
Anthracene	950	100	10		Dibenz (a,h) Anthracene	250	100	10	
Fluoranthene	6600	100	10		Benzo (g,h,i) Perylene	1300	100	10	
Pyrene	3700	100	10		Indeno (1,2,3-c,d) Pyrene	1600	100	10	

Surrogates:	REC (%)	Control Limits	Qual
Decafluorobiphenyl	39	16-106	

Method Blank	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-07-002-1,271**	**N/A**	**Solid**	**HPLC 5**	**09/16/09**	**09/17/09 18:02**	**090916L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	15	1		Benzo (a) Anthracene	ND	10	1	
Acenaphthylene	ND	30	1		Chrysene	ND	10	1	
Acenaphthene	ND	15	1		Benzo (b) Fluoranthene	ND	10	1	
Fluorene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
Phenanthrene	ND	10	1		Benzo (a) Pyrene	ND	10	1	
Anthracene	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Fluoranthene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
Pyrene	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	

Surrogates:	REC (%)	Control Limits	Qual
Decafluorobiphenyl	69	16-106	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01@1.5-2'	**09-09-0351-11-A**	**09/03/09 08:46**	**Solid**	**GC 41**	**09/08/09**	**09/11/09 19:13**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	89	50-135			2,4,5,6-Tetrachloro-m-Xylene	95	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02@1.5-2'	**09-09-0351-12-A**	**09/03/09 09:00**	**Solid**	**GC 41**	**09/08/09**	**09/11/09 19:41**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	80	50-135			2,4,5,6-Tetrachloro-m-Xylene	86	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-03@1.5-2'	**09-09-0351-13-A**	**09/03/09 09:18**	**Solid**	**GC 41**	**09/08/09**	**09/11/09 20:09**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	84	50-135			2,4,5,6-Tetrachloro-m-Xylene	82	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-04@1.5-2'	**09-09-0351-14-A**	**09/03/09 09:24**	**Solid**	**GC 41**	**09/08/09**	**09/11/09 20:37**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	69	50-135			2,4,5,6-Tetrachloro-m-Xylene	59	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05@1.5-2'	**09-09-0351-15-A**	**09/03/09 08:17**	**Solid**	**GC 41**	**09/08/09**	**09/11/09 21:06**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	64	50-135			2,4,5,6-Tetrachloro-m-Xylene	57	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-06@1.5-2'	**09-09-0351-16-A**	**09/03/09 08:29**	**Solid**	**GC 41**	**09/08/09**	**09/11/09 21:34**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	95	50-135			2,4,5,6-Tetrachloro-m-Xylene	96	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-07@1.5-2'	**09-09-0351-17-A**	**09/03/09 07:42**	**Solid**	**GC 41**	**09/08/09**	**09/11/09 22:02**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	91	50-135			2,4,5,6-Tetrachloro-m-Xylene	97	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-08@1.5-2'	**09-09-0351-18-A**	**09/03/09 08:04**	**Solid**	**GC 41**	**09/08/09**	**09/11/09 22:30**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	89	50-135			2,4,5,6-Tetrachloro-m-Xylene	92	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-09@1.5-2'	**09-09-0351-19-A**	**09/03/09 07:54**	**Solid**	**GC 41**	**09/08/09**	**09/11/09 22:58**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	101	50-135			2,4,5,6-Tetrachloro-m-Xylene	108	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-10@1.5-2'	**09-09-0351-20-A**	**09/03/09 07:19**	**Solid**	**GC 41**	**09/08/09**	**09/14/09 16:29**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	25	5		Endrin	ND	25	5	
Gamma-BHC	ND	25	5		Endrin Aldehyde	ND	25	5	
Beta-BHC	ND	25	5		4,4'-DDD	ND	25	5	
Heptachlor	ND	25	5		Endosulfan II	ND	25	5	
Delta-BHC	ND	25	5		4,4'-DDT	ND	25	5	
Aldrin	ND	25	5		Endosulfan Sulfate	ND	25	5	
Heptachlor Epoxide	ND	25	5		Methoxychlor	ND	25	5	
Endosulfan I	ND	25	5		Chlordane	ND	250	5	
Dieldrin	ND	25	5		Toxaphene	220	100	1	
4,4'-DDE	80	25	5		Endrin Ketone	ND	25	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	98	50-135			2,4,5,6-Tetrachloro-m-Xylene	92	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-01@0-1'	**09-09-0351-31-A**	**09/03/09 07:29**	**Solid**	**GC 41**	**09/08/09**	**09/11/09 23:55**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	180	100	1	
4,4'-DDE	47	10	2		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	94	50-135			2,4,5,6-Tetrachloro-m-Xylene	94	50-135		

SJS-05-02@0-1'	**09-09-0351-32-A**	**09/03/09 09:42**	**Solid**	**GC 41**	**09/08/09**	**09/12/09 00:23**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	92	50-135			2,4,5,6-Tetrachloro-m-Xylene	91	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-03@0-1'	**09-09-0351-33-A**	**09/03/09 09:31**	**Solid**	**GC 41**	**09/08/09**	**09/12/09 00:51**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	26	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	87	50-135			2,4,5,6-Tetrachloro-m-Xylene	89	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-04@0-1'	**09-09-0351-34-A**	**09/03/09 09:07**	**Solid**	**GC 41**	**09/08/09**	**09/12/09 01:19**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	11	5.0	1		Toxaphene	120	100	1	
4,4'-DDE	29	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	68	50-135			2,4,5,6-Tetrachloro-m-Xylene	70	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-05@0-1'	**09-09-0351-35-A**	**09/03/09 08:51**	**Solid**	**GC 41**	**09/08/09**	**09/12/09 01:47**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	86	50-135			2,4,5,6-Tetrachloro-m-Xylene	74	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-01@1.5-2'	**09-09-0351-41-A**	**09/03/09 07:31**	**Solid**	**GC 41**	**09/08/09**	**09/12/09 02:15**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	86	50-135			2,4,5,6-Tetrachloro-m-Xylene	86	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-02@1.5-2'	**09-09-0351-42-A**	**09/03/09 09:43**	**Solid**	**GC 41**	**09/08/09**	**09/12/09 02:44**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	93	50-135			2,4,5,6-Tetrachloro-m-Xylene	94	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-03@1.5-2'	**09-09-0351-43-A**	**09/03/09 09:32**	**Solid**	**GC 41**	**09/08/09**	**09/12/09 03:12**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	81	50-135			2,4,5,6-Tetrachloro-m-Xylene	70	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-04@1.5-2'	**09-09-0351-44-A**	**09/03/09 09:08**	**Solid**	**GC 41**	**09/08/09**	**09/12/09 03:40**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	92	50-135			2,4,5,6-Tetrachloro-m-Xylene	70	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-05-05@1.5-2'	**09-09-0351-45-A**	**09/03/09 08:52**	**Solid**	**GC 41**	**09/08/09**	**09/12/09 04:08**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	92	50-135			2,4,5,6-Tetrachloro-m-Xylene	79	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-01@0-0.5'	**09-09-0351-46-A**	**09/03/09 11:42**	**Solid**	**GC 51**	**09/09/09**	**09/14/09 17:53**	**090909L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	25	5		Endrin	ND	25	5	
Gamma-BHC	ND	25	5		Endrin Aldehyde	ND	25	5	
Beta-BHC	ND	25	5		4,4'-DDD	ND	25	5	
Heptachlor	ND	25	5		Endosulfan II	ND	25	5	
Delta-BHC	ND	25	5		4,4'-DDT	ND	25	5	
Aldrin	ND	25	5		Endosulfan Sulfate	ND	25	5	
Heptachlor Epoxide	ND	25	5		Methoxychlor	ND	25	5	
Endosulfan I	ND	25	5		Chlordane	ND	250	5	
Dieldrin	72	25	5		Toxaphene	3900	200	2	
4,4'-DDE	84	25	5		Endrin Ketone	ND	25	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	133	50-135			2,4,5,6-Tetrachloro-m-Xylene	113	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-01@1.5-2'	**09-09-0351-47-A**	**09/03/09 11:43**	**Solid**	**GC 51**	**09/09/09**	**09/11/09 19:40**	**090909L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	94	50-135			2,4,5,6-Tetrachloro-m-Xylene	115	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-01@4.5-5'	**09-09-0351-48-A**	**09/03/09 11:45**	**Solid**	**GC 51**	**09/09/09**	**09/11/09 20:07**	**090909L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	95	50-135			2,4,5,6-Tetrachloro-m-Xylene	115	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-05@0-0.5'	**09-09-0351-49-A**	**09/03/09 11:15**	**Solid**	**GC 51**	**09/09/09**	**09/14/09 18:21**	**090909L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	100	20		Endrin	ND	100	20	
Gamma-BHC	ND	100	20		Endrin Aldehyde	ND	100	20	
Beta-BHC	ND	100	20		4,4'-DDD	ND	100	20	
Heptachlor	ND	100	20		Endosulfan II	ND	100	20	
Delta-BHC	ND	100	20		4,4'-DDT	ND	100	20	
Aldrin	ND	100	20		Endosulfan Sulfate	ND	100	20	
Heptachlor Epoxide	ND	100	20		Methoxychlor	ND	100	20	
Endosulfan I	ND	100	20		Chlordane	ND	1000	20	
Dieldrin	480	100	20		Toxaphene	27000	2000	20	
4,4'-DDE	360	100	20		Endrin Ketone	ND	100	20	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	121	50-135			2,4,5,6-Tetrachloro-m-Xylene	96	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-05@1.5-2'	**09-09-0351-50-A**	**09/03/09 11:16**	**Solid**	**GC 51**	**09/09/09**	**09/11/09 21:01**	**090909L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	90	50-135			2,4,5,6-Tetrachloro-m-Xylene	113	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-05@4.5-5'	**09-09-0351-51-A**	**09/03/09 11:19**	**Solid**	**GC 51**	**09/09/09**	**09/11/09 21:28**	**090909L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	82	50-135			2,4,5,6-Tetrachloro-m-Xylene	104	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-06@0-0.5'	**09-09-0351-52-A**	**09/03/09 11:48**	**Solid**	**GC 51**	**09/09/09**	**09/14/09 18:50**	**090909L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	50	10		Endrin	ND	50	10	
Gamma-BHC	ND	50	10		Endrin Aldehyde	ND	50	10	
Beta-BHC	ND	50	10		4,4'-DDD	ND	50	10	
Heptachlor	ND	50	10		Endosulfan II	ND	50	10	
Delta-BHC	ND	50	10		4,4'-DDT	ND	50	10	
Aldrin	ND	50	10		Endosulfan Sulfate	ND	50	10	
Heptachlor Epoxide	ND	50	10		Methoxychlor	ND	50	10	
Endosulfan I	ND	50	10		Chlordane	ND	500	10	
Dieldrin	140	50	10		Toxaphene	12000	1000	10	
4,4'-DDE	110	50	10		Endrin Ketone	ND	50	10	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	123	50-135			2,4,5,6-Tetrachloro-m-Xylene	85	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-06@1.5-2'	**09-09-0351-53-A**	**09/03/09 11:50**	**Solid**	**GC 51**	**09/09/09**	**09/11/09 22:23**	**090909L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	6.4	5.0	1		Toxaphene	700	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	75	50-135			2,4,5,6-Tetrachloro-m-Xylene	98	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-06@4.5-5'	**09-09-0351-54-A**	**09/03/09 11:51**	**Solid**	**GC 51**	**09/09/09**	**09/11/09 22:50**	**090909L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	91	50-135			2,4,5,6-Tetrachloro-m-Xylene	110	50-135		

SJS-02-07@0	**09-09-0351-55-A**	**09/02/09 09:30**	**Solid**	**GC 51**	**09/09/09**	**09/11/09 23:17**	**090909L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	340	100	1	
4,4'-DDE	49	10	2		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	92	50-135			2,4,5,6-Tetrachloro-m-Xylene	116	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-08@0	**09-09-0351-56-A**	**09/02/09 09:35**	**Solid**	**GC 51**	**09/09/09**	**09/11/09 23:45**	**090909L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	28	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	100	50-135			2,4,5,6-Tetrachloro-m-Xylene	118	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-09@0	**09-09-0351-57-A**	**09/02/09 09:40**	**Solid**	**GC 51**	**09/09/09**	**09/12/09 00:12**	**090909L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	37	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	82	50-135			2,4,5,6-Tetrachloro-m-Xylene	123	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-02-10@0	**09-09-0351-58-A**	**09/02/09 09:50**	**Solid**	**GC 51**	**09/09/09**	**09/12/09 00:39**	**090909L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	17	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	98	50-135			2,4,5,6-Tetrachloro-m-Xylene	122	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-04-01@0	**09-09-0351-59-A**	**09/02/09 09:00**	**Solid**	**GC 51**	**09/09/09**	**09/12/09 01:06**	**090909L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	87	50-135			2,4,5,6-Tetrachloro-m-Xylene	95	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-04-02@0	**09-09-0351-60-A**	**09/02/09 09:05**	**Solid**	**GC 51**	**09/09/09**	**09/12/09 01:33**	**090909L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	80	50-135			2,4,5,6-Tetrachloro-m-Xylene	70	50-135		

Method Blank	099-12-537-740	N/A	Solid	GC 51	09/09/09	09/11/09 18:45	090909L07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	110	50-135			2,4,5,6-Tetrachloro-m-Xylene	134	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8081A
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-537-741**	**N/A**	**Solid**	**GC 41**	**09/08/09**	**09/11/09 18:17**	**090908L12**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Gamma-BHC	ND	5.0	1		Endrin Aldehyde	ND	5.0	1	
Beta-BHC	ND	5.0	1		4,4'-DDD	ND	5.0	1	
Heptachlor	ND	5.0	1		Endosulfan II	ND	5.0	1	
Delta-BHC	ND	5.0	1		4,4'-DDT	ND	5.0	1	
Aldrin	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Heptachlor Epoxide	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Chlordane	ND	50	1	
Dieldrin	ND	5.0	1		Toxaphene	ND	100	1	
4,4'-DDE	ND	5.0	1		Endrin Ketone	ND	5.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	98	50-135			2,4,5,6-Tetrachloro-m-Xylene	108	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SJS-02@0-1'	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09**	**090908S04**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	104	103	75-125	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SJS-05-01@0-1'	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09**	**090908S05**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	103	96	75-125	6	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SJS-02-06@0-0.5'	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09**	**090908S06**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	112	109	75-125	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SJS-01-12@0-1'	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09**	**090908S07**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	19	17	50-115	6	0-20	3
Arsenic	135	114	75-125	8	0-20	3
Barium	4X	4X	75-125	4X	0-20	3,Q
Beryllium	106	100	75-125	6	0-20	
Cadmium	99	95	75-125	4	0-20	
Chromium	121	117	75-125	2	0-20	
Cobalt	114	103	75-125	9	0-20	
Copper	119	112	75-125	5	0-20	
Lead	97	92	75-125	4	0-20	
Molybdenum	88	85	75-125	4	0-20	
Nickel	118	113	75-125	3	0-20	
Selenium	99	94	75-125	5	0-20	
Silver	0	0	75-125	200	0-20	3,4
Thallium	100	95	75-125	5	0-20	
Vanadium	132	123	75-125	4	0-20	3
Zinc	107	101	75-125	3	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - PDS / PDSD

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
SJS-01-12@0-1'	**Solid**	**ICP 5300**	**09/08/09**	**09/10/09**	**090908S07**

Parameter	PDS %REC	PDSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	106	103	75-125	3	0-20	
Arsenic	157	137	75-125	5	0-20	5
Barium	4X	4X	75-125	4X	0-20	Q
Beryllium	107	102	75-125	5	0-20	
Cadmium	97	94	75-125	3	0-20	
Chromium	114	107	75-125	3	0-20	
Cobalt	106	101	75-125	4	0-20	
Copper	116	111	75-125	3	0-20	
Lead	103	98	75-125	4	0-20	
Molybdenum	105	102	75-125	4	0-20	
Nickel	123	109	75-125	5	0-20	
Selenium	100	98	75-125	2	0-20	
Silver	123	118	75-125	5	0-20	
Thallium	100	95	75-125	6	0-20	
Vanadium	124	115	75-125	3	0-20	
Zinc	116	110	75-125	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SJS-01-12@0-1'	**Solid**	**GC 49**	**09/08/09**	**09/09/09**	**090908S04**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	97	107	64-130	10	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SJS-01-13A@9-10'	**Solid**	**GC 49**	**09/08/09**	**09/09/09**	**090908S05**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	92	113	64-130	20	0-15	4

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 7471A Total
Method: EPA 7471A

Project SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SJS-01-12@0-1'	**Solid**	**Mercury**	**09/08/09**	**09/09/09**	**090908S07**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	87	88	71-137	0	0-14	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3545
Method: EPA 8310

Project SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SJS-01-13@4-5'	**Solid**	**HPLC 5**	**09/16/09**	**09/17/09**	**090916S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Naphthalene	1101	1835	4-178	30	0-41	3
Acenaphthylene	287	378	11-131	28	0-55	3
Acenaphthene	209	221	16-130	3	0-47	3
Fluorene	182	253	28-124	20	0-40	3
Phenanthrene	1238	1831	36-114	22	0-37	3
Anthracene	160	242	29-119	21	0-37	3
Fluoranthene	1580	2486	24-132	27	0-45	3
Pyrene	826	1299	29-125	26	0-36	3
Benzo (a) Anthracene	510	810	36-126	28	0-38	3
Chrysene	748	1191	34-136	27	0-32	3
Benzo (b) Fluoranthene	412	641	23-143	26	0-40	3
Benzo (k) Fluoranthene	235	375	36-132	26	0-39	3
Benzo (a) Pyrene	477	714	20-140	24	0-39	3
Dibenz (a,h) Anthracene	178	282	35-125	37	0-41	3
Benzo (g,h,i) Perylene	258	409	36-132	26	0-41	3
Indeno (1,2,3-c,d) Pyrene	352	559	31-127	27	0-37	3

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3545
Method: EPA 8081A

Project SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SJS-01@1.5-2'	**Solid**	**GC 41**	**09/08/09**	**09/14/09**	**090908S12**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Alpha-BHC	103	86	50-135	19	0-25	
Gamma-BHC	102	84	50-135	19	0-25	
Beta-BHC	111	92	50-135	18	0-25	
Heptachlor	101	84	50-135	19	0-25	
Delta-BHC	102	83	50-135	20	0-25	
Aldrin	105	87	50-135	18	0-25	
Heptachlor Epoxide	96	80	50-135	19	0-25	
Endosulfan I	102	84	50-135	20	0-25	
Dieldrin	97	81	50-135	18	0-25	
4,4'-DDE	112	92	50-135	19	0-25	
Endrin	92	72	50-135	25	0-25	
Endrin Aldehyde	103	88	50-135	15	0-25	
4,4'-DDD	115	96	50-135	18	0-25	
Endosulfan II	101	84	50-135	18	0-25	
4,4'-DDT	93	76	50-135	20	0-25	
Endosulfan Sulfate	102	85	50-135	18	0-25	
Methoxychlor	87	72	50-135	19	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3545
Method: EPA 8081A

Project SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SJS-02-01@1.5-2'	**Solid**	**GC 51**	**09/09/09**	**09/14/09**	**090909S07**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Alpha-BHC	97	99	50-135	1	0-25	
Gamma-BHC	97	99	50-135	1	0-25	
Beta-BHC	104	105	50-135	1	0-25	
Heptachlor	97	98	50-135	1	0-25	
Delta-BHC	96	98	50-135	2	0-25	
Aldrin	101	103	50-135	2	0-25	
Heptachlor Epoxide	87	89	50-135	2	0-25	
Endosulfan I	95	96	50-135	2	0-25	
Dieldrin	90	91	50-135	2	0-25	
4,4'-DDE	110	112	50-135	2	0-25	
Endrin	91	87	50-135	5	0-25	
Endrin Aldehyde	89	93	50-135	4	0-25	
4,4'-DDD	106	110	50-135	3	0-25	
Endosulfan II	91	93	50-135	1	0-25	
4,4'-DDT	94	92	50-135	3	0-25	
Endosulfan Sulfate	94	95	50-135	2	0-25	
Methoxychlor	84	81	50-135	3	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH nelac

URS Corporation		Date Received:	N/A
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-12,717	**Solid**	**ICP 5300**	**09/09/09**	**090908-I-06**	**090908L04**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Arsenic	25.0	24.4	98	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH nelac

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: N/A
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-12,718	**Solid**	**ICP 5300**	**09/09/09**	**090908-I-05**	**090908L05**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Arsenic	25.0	24.8	99	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH nelac

URS Corporation		Date Received:	N/A
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-12,719	**Solid**	**ICP 5300**	**09/09/09**	**090908-L-06**	**090908L06**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Arsenic	25.0	24.4	98	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: N/A
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-12,720	**Solid**	**ICP 5300**	**09/08/09**	**09/09/09**	**090908L07**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Antimony	98	100	80-120	73-127	2	0-20	
Arsenic	97	101	80-120	73-127	4	0-20	
Barium	105	104	80-120	73-127	1	0-20	
Beryllium	95	99	80-120	73-127	4	0-20	
Cadmium	102	104	80-120	73-127	2	0-20	
Chromium	101	102	80-120	73-127	2	0-20	
Cobalt	109	110	80-120	73-127	0	0-20	
Copper	103	106	80-120	73-127	3	0-20	
Lead	103	106	80-120	73-127	3	0-20	
Molybdenum	105	104	80-120	73-127	0	0-20	
Nickel	105	108	80-120	73-127	3	0-20	
Selenium	94	96	80-120	73-127	2	0-20	
Silver	108	106	80-120	73-127	2	0-20	
Thallium	104	107	80-120	73-127	2	0-20	
Vanadium	99	102	80-120	73-127	3	0-20	
Zinc	104	105	80-120	73-127	2	0-20	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: N/A
Work Order No: 09-09-0351
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-275-2,927	**Solid**	**GC 49**	**09/08/09**	**09/08/09**	**090908B04**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	108	105	75-123	2	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

URS Corporation		Date Received:	N/A
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)

Project: SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-275-2,928	**Solid**	**GC 49**	**09/08/09**	**09/09/09**	**090908B05**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	102	99	75-123	3	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: N/A
Work Order No: 09-09-0351
Preparation: EPA 7471A Total
Method: EPA 7471A

Project: SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-6,531	**Solid**	**Mercury**	**09/08/09**	**09/09/09**	**090908L07**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	106	108	85-121	2	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: N/A
Work Order No: 09-09-0351
Preparation: EPA 3545
Method: EPA 8310

Project: SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-07-002-1,271	**Solid**	**HPLC 5**	**09/16/09**	**09/18/09**	**090916L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Naphthalene	102	105	36-174	13-197	3	0-28	
Acenaphthylene	87	87	44-134	29-149	1	0-28	
Acenaphthene	87	87	44-134	29-149	0	0-29	
Fluorene	92	92	52-130	39-143	0	0-23	
Phenanthrene	91	91	52-130	39-143	0	0-21	
Anthracene	87	87	51-135	37-149	0	0-20	
Fluoranthene	89	89	55-127	43-139	0	0-20	
Pyrene	101	100	51-129	38-142	1	0-22	
Benzo (a) Anthracene	92	92	60-132	48-144	0	0-19	
Chrysene	95	95	63-135	51-147	0	0-20	
Benzo (b) Fluoranthene	93	92	61-133	49-145	0	0-19	
Benzo (k) Fluoranthene	94	94	63-135	51-147	0	0-18	
Benzo (a) Pyrene	75	75	56-128	44-140	0	0-19	
Dibenz (a,h) Anthracene	97	90	58-136	45-149	7	0-19	
Benzo (g,h,i) Perylene	90	93	58-136	45-149	3	0-24	
Indeno (1,2,3-c,d) Pyrene	87	89	60-126	49-137	2	0-20	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: N/A
Work Order No: 09-09-0351
Preparation: EPA 3545
Method: EPA 8081A

Project: SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-537-741	**Solid**	**GC 41**	**09/08/09**	**09/11/09**	**090908L12**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Alpha-BHC	101	117	50-135	36-149	15	0-25	
Gamma-BHC	100	116	50-135	36-149	15	0-25	
Beta-BHC	100	118	50-135	36-149	16	0-25	
Heptachlor	97	113	50-135	36-149	15	0-25	
Delta-BHC	94	112	50-135	36-149	18	0-25	
Aldrin	98	116	50-135	36-149	17	0-25	
Heptachlor Epoxide	87	103	50-135	36-149	16	0-25	
Endosulfan I	93	113	50-135	36-149	19	0-25	
Dieldrin	93	115	50-135	36-149	20	0-25	
4,4'-DDE	96	119	50-135	36-149	22	0-25	
Endrin	97	116	50-135	36-149	18	0-25	
Endrin Aldehyde	92	114	50-135	36-149	21	0-25	
4,4'-DDD	97	119	50-135	36-149	20	0-25	
Endosulfan II	88	109	50-135	36-149	21	0-25	
4,4'-DDT	94	115	50-135	36-149	20	0-25	
Endosulfan Sulfate	90	113	50-135	36-149	22	0-25	
Methoxychlor	83	107	50-135	36-149	25	0-25	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: N/A
Work Order No: 09-09-0351
Preparation: EPA 3545
Method: EPA 8081A

Project: SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-537-740	**Solid**	**GC 51**	**09/09/09**	**09/14/09**	**090909L07**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Alpha-BHC	112	117	50-135	36-149	4	0-25	
Gamma-BHC	111	116	50-135	36-149	4	0-25	
Beta-BHC	113	117	50-135	36-149	3	0-25	
Heptachlor	106	111	50-135	36-149	4	0-25	
Delta-BHC	107	111	50-135	36-149	4	0-25	
Aldrin	110	116	50-135	36-149	5	0-25	
Heptachlor Epoxide	99	103	50-135	36-149	4	0-25	
Endosulfan I	108	112	50-135	36-149	4	0-25	
Dieldrin	109	112	50-135	36-149	3	0-25	
4,4'-DDE	113	118	50-135	36-149	4	0-25	
Endrin	102	97	50-135	36-149	4	0-25	
Endrin Aldehyde	110	115	50-135	36-149	4	0-25	
4,4'-DDD	114	118	50-135	36-149	3	0-25	
Endosulfan II	101	103	50-135	36-149	2	0-25	
4,4'-DDT	99	99	50-135	36-149	0	0-25	
Endosulfan Sulfate	106	108	50-135	36-149	1	0-25	
Methoxychlor	94	95	50-135	36-149	1	0-25	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-09-0351

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Calscience Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 1 of 11

☐ SoCal Laboratory
7440 Lincoln Way
Garden Grove, CA 92841-1427
(714) 895-5494

☐ NorCal Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

PROJECT CONTACT: Robert Scott

P.O. NO.: 27708034.02000

LAB USE ONLY: 09-0351

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE: ☐☐☐☐

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+			
1	SJS-01@0-1'		9-3-09	0845	S	1																X Arsenic	OCPs	
2	SJS-02@0-1'			0859																		X		
3	SJS-03@0-1'			0917																		X		
4	SJS-04@0-1'			0923																		X		
5	SJS-05@0-1'			0816																		X		
6	SJS-06@0-1'			0828																		X		
7	SJS-07@0-1'			0741																		X		
8	SJS-08@0-1'			0803																		X		
9	SJS-09@0-1'			0753																		X		
10	SJS-10@0-1'		↓	0715	↓	↓																X		

Relinquished by: (Signature) Dillon Kass 1700 9-3-09	Received by: (Signature/Affiliation) Weba CE	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

05/01/07 Revision

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Calscience Environmental Laboratories, Inc.

☐ SoCal Laboratory
7440 Lincoln Way
Garden Grove, CA 92841-1427
(714) 895-5494

☐ NorCal Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 2 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0351

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE: ☐☐☐☐

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+ ( )	+ Arsenic	OCPs
11	SJS-01@1.5-2'		9-3-09	0846	S	1																+	X
12	SJS-02@1.5-2'			0900																		X	X
13	SJS-03@1.5-2'			0918																		X	X
14	SJS-04@1.5-2'			0924																		X	X
15	SJS-05@1.5-2'			0817																		X	X
16	SJS-06@1.5-2'			0829																		X	X
17	SJS-07@1.5-2'			0742																		X	X
18	SJS-08@1.5-2'			0804																		X	X
19	SJS-09@1.5-2'			0754																		X	X
20	SJS-10@1.5-2'		↓	0719	↓	↓																X	X

Relinquished by: (Signature) Dillon Kass 1700 9-3-09	Received by: (Signature/Affiliation) Wchatm CEL	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 3 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0351

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE: ☐☐☐☐

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS: Archive

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH (_____)	BTEX / MTBE (8260B) or (_____)	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+_____	Arsenic	OCPs
21	SJS-01@2.5-3'		9-3-09	0847	S	1																X	X
22	SJS-02@2.5-3'			0901																		X	X
23	SJS-03@2.5-3'			0919																		X	X
24	SJS-04@2.5-3'			0925																		X	X
25	SJS-05@2.5-3'			0818																		X	X
26	SJS-06@2.5-3'			0830																		X	X
27	SJS-07@2.5-3'			0743																		X	X
28	SJS-08@2.5-3'			0805																		X	X
29	SJS-09@2.5-3'			0755																		X	X
30	SJS-10@2.5-3'		↓	0720	↓	↓																X	X

Relinquished by: (Signature) Dillon Kass 1700 9-3-09	Received by: (Signature/Affiliation) Wcbatn CEL	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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Concord, CA 94520-8577
(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 4 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0838L

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+ ( )	Arsenic	OCPs
31	SJS-05-01@0-1'		9-3-09	0729	S	1															X	X
32	SJS-05-02@0-1'			0942																	X	X
33	SJS-05-03@0-1'			0935																	X	X
34	SJS-05-04@0-1'			0907																	X	X
35	SJS-05-05@0-1'			0851																	X	X
36	SJS-05-06@0-1'			1044																	X	
37	SJS-05-07@0-1'			1133																	X	
38	SJS-05-08@0-1'			1131																	X	
39	SJS-05-09@0-1'			0959																	X	
40	SJS-05-10@0-1'		↓	1103	↓	↓															X	

Relinquished by: (Signature) Dillon Kass 9-3-09 1700	Received by: (Signature/Affiliation) WCDatum CEL	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 5 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0351

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+	Arsenic	OCPs
41	SJS-05-01@1.5-2'		9-3-09	0731	S	1																X	X
42	SJS-05-02@1.5-2'		9-3-09	0943	S	1																X	X
43	SJS-05-03@1.5-2'		9-3-09	0932	S	1																X	X
44	SJS-05-04@1.5-2'		9-3-09	0908	S	1																X	X
45	SJS-05-05@1.5-2'		9-3-09	0852	S	1																X	X

Relinquished by: (Signature) Dillon Kass 9-3-09 1700	Received by: (Signature/Affiliation) Wchain CEL	Date: 9/4/09	Time: 0830
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Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 6 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0351

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+	Arsenic	OCPs
46	SJS-02-01@0-0.5'		9-3-09	1142	S	1																X	X
47	SJS-02-01@1.5-2'			1143																		X	X
48	SJS-02-01@4.5-5'			1145																		X	X
49	SJS-02-05@0-0.5'			1115																		X	X
50	SJS-02-05@1.5-2'			1116																		X	X
51	SJS-02-05@4.5-5'			1119																		X	X
52	SJS-02-06@0-0.5'			1148																		X	X
53	SJS-02-06@1.5-2'			1150																		X	X
54	SJS-02-06@4.5-5'			1151																		X	X

Relinquished by: (Signature) Dillon Kass 9-3-09 1700	Received by: (Signature/Affiliation)	Date 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
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CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 7 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0851

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE: ☐☐☐☐

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+ _____	Arsenic	OCPs
55	SJS-02-07C Ø		9-2-09	0930	S	1																X	X
56	SJS-02-08C Ø			0935	S	1																X	X
57	SJS-02-09C Ø			0940	S	1																X	X
58	SJS-02-10C Ø			0950	S	1																X	X
59	SJS-04-01C Ø			0900	S	1																X	X
60	SJS-04-02C Ø			0905	S	1																X	X

Relinquished by: (Signature) Dillon Kass 9-3-09 1700	Received by: (Signature/Affiliation) Wcbatn CEL	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 8 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0351

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE: ☐☐☐☐

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:
Archive

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+	Arsenic	CAM 17
61	SJS-02-01@3-3.5'		9-3-09	1144	S	1																X	X
62	SJS-02-05@3-3.5'		9-3-09	1117	S	1																X	X
63	SJS-02-06@3-3.5'		9-3-09	1149	S	1																X	X

Relinquished by: (Signature) Dillon Kass 9-3-09 1700	Received by: (Signature/Affiliation) WCoats CEL	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 9 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:
Analyze highest concentration TPH for PAH's

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-03571

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE: ☐☐☐☐

COOLER RECEIPT TEMP= °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH (___)	BTEX / MTBE (8260B) or (___)	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+___
64	SJS-01-12C0-1'		9-2-09	1223	S	1			X									X			
65	SJS-01-13C0-1'			1150					X												
66	SJS-01-13AC0-1'			1126					X									X			
67	SJS-01-14C0-1'			1356					X												
68	SJS-01-15C0-1'			1248					X									X			
69	SJS-01-16C0-1'			1322					X												
70	SJS-01-17C0-1'			1428					X									X			
71	SJS-01-18C0-1'			1458					X									X			
72	SJS-01-24C0-1'			1100					X												

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Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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☐ NorCal Service Center
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Concord, CA 94520-8577
(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 10 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0357

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:
Analyze highest concentration TPH for PAH's

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+			
73	SJS-01-12@4-5'		9-2-09	1228	S	1		X	X									X						
74	SJS-01-13@4-5'			1200					X									X						
75	SJS-01-13A@4-5'			1131					X									X						
76	SJS-01-14@4-5'			1400					X									X						
77	SJS-01-15@4-5'			1251					X									X						
78	SJS-01-16@4-5'			1330					X									X						
79	SJS-01-17@4-5'			1438					X															
80	SJS-01-18@4-5'			1503					X															
81	SJS-01-24@4-5'			1103					X									X						

Relinquished by: (Signature) Dillon Kass 9-3-09 1700	Received by: (Signature/Affiliation) Weiss CE	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

05/01/07 Revision

Q&Q Graphic 714-898-9702

Calscience Environmental Laboratories, Inc.

☐ SoCal Laboratory
7440 Lincoln Way
Garden Grove, CA 92841-1427
(714) 895-5494

☐ NorCal Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0855

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐

SPECIAL INSTRUCTIONS:
Analyze highest concentration TPH for PAH's

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+			
87	SJS-01-12 @ 9-10'		9-2-09	1228	S	1			X									X						
83	SJS-01-13 @ 9-10'			1200					X									X						
84	SJS-01-13A @ 9-10'			1140					X									X						
85	SJS-01-14 @ 9-10'			1415					X									X						
86	SJS-01-15 @ 9-10'			1257					X									X						
87	SJS-01-16 @ 9-10'			1335					X									X						
88	SJS-01-17 @ 9-10'			1442					X															
89	SJS-01-18 @ 9-10'			1508					X															
90	SJS-01-24 @ 9-10'		↓	1108	↓	↓			X									X						

Relinquished by: (Signature) Dillon Kass 9-3-09 1700	Received by: (Signature/Affiliation) WCbatch CEL	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

05/01/07 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-09-0351

SAMPLE RECEIPT FORM

Cooler 1 of 3

CLIENT: URS CORP. DATE: 9/4/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.6 °C - 0.2 °C (CF) = 3.4 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** WB

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** WB

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** PS

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑ WSC 9-4-09	☑	☐
☑ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ COC not relinquished. ☐ No date relinquished. ☐ No time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑ WSC 9-4-09	☑	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☑4ozCGJ (55-60) ☐8ozCGJ ☐16ozCGJ ☑Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____ **Other:** ☐_____ **Checked/Labeled by:** PS

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelop **Reviewed by:** WSC

Preservative: **h:** HCL **n:** HNO3 **na$_2$:** $Na_2S_2O_3$ **Na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **znna:** $ZnAc_2$+NaOH **f:** Field-filtered **Scanned by:** PS

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-09-0351

SAMPLE RECEIPT FORM

Cooler 2 of 3

CLIENT: URS Corp. DATE: 9/4/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.1 °C - 0.2 °C (CF) = 2.9 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** WB

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** WB

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** PS

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ COC not relinquished. ☐ No date relinquished. ☐ No time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☑4ozCGJ (55-60) ☐8ozCGJ ☐16ozCGJ ☑Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____ **Other:** ☐_____ **Checked/Labeled by:** PS

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelop **Reviewed by:** WSL

Preservative: **h:** HCL **n:** HNO3 **na$_2$:** $Na_2S_2O_3$ **Na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **znna:** $ZnAc_2$+NaOH **f:** Field-filtered **Scanned by:** PS

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-09-0 3 5 1

SAMPLE RECEIPT FORM

Cooler 3 of 3

CLIENT: URS Corp. DATE: 9/4/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.4 °C - 0.2 °C (CF) = 3.2 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** WB

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** WB

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** N

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ COC not relinquished. ☐ No date relinquished. ☐ No time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☑4ozCGJ (55-60) ☐8ozCGJ ☐16ozCGJ ☑Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na**

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____ **Other:** ☐_____ **Checked/Labeled by:** RS

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelop **Reviewed by:** W-SC

Preservative: **h:** HCL **n:** HNO3 **na$_2$:** $Na_2S_2O_3$ **Na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **znna:** $ZnAc_2$+NaOH **f:** Field-filtered **Scanned by:** RS

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-09-0351/

SAMPLE ANOMALY FORM

SAMPLES - CONTAINERS & LABELS:

- ☐ **Samples NOT RECEIVED but listed on COC**
- ☑ **Samples received but NOT LISTED on COC**
- ☐ **Holding time expired** – list sample ID(s) and test
- ☐ **Insufficient quantities for analysis** – list test
- ☐ **Improper container(s)/preservative used** – list test
- ☐ **No preservative noted on COC or label** – list test & notify lab
- ☐ **Sample labels illegible** – note test/container type
- ☐ **Sample labels do not match COC** – Note in comments
  - ☐ **Sample ID**
  - ☐ **Date and/or Time Collected**
  - ☐ **Project Information**
  - ☐ **# of Containers**
  - ☐ **Analysis**
- ☐ **Sample containers compromised** – Note in comments
  - ☐ **Leaking**
  - ☐ **Broken**
  - ☐ **Without Labels**
- ☐ **Air sample containers compromised** – Note in comments
  - ☐ **Flat**
  - ☐ **Very low in volume**
  - ☐ **Leaking (transferred into Calscience Tedlar® Bag*)**
  - ☐ **Leaking (transferred into Client's Tedlar® Bag*)**
- ☐ **Other:** _____

Comments:

(-91)SJS-05-05@2S-3' COLLECTION DATE AND TIME 09/03/09 @ 0853, NOT ON COC. (Archive)

HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of RSK or CO_2 or DO Received

Comments: _____

*Transferred at Client's request.

Initial / Date PS 9/4/09

Calscience Environmental Laboratories, Inc.

Supplemental Report 1

September 28, 2009

Additional requested analyses are reported as a stand-alone report.

Robert Scott
URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Subject: **Calscience Work Order No.:** **09-09-0351**
Client Reference: **SJS 1 & 2 / 27708034.02000**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/4/2009 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Vikas Patel

Calscience Environmental
Laboratories, Inc.
Vikas Patel
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-13@4-5'	**09-09-0351-74-A**	**09/02/09 12:00**	**Solid**	**ICP 5300**	**09/24/09**	**09/24/09 19:03**	**090924L03**

Comment(s): -Mercury was analyzed on 9/24/2009 3:49:57 PM with batch 090924L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.149	0.0835	1	
Arsenic	177	0.750	1		Molybdenum	ND	0.250	1	
Barium	188	0.500	1		Nickel	84.4	0.250	1	
Beryllium	0.261	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	47.0	0.250	1		Thallium	ND	0.750	1	
Cobalt	10.8	0.250	1		Vanadium	42.6	0.250	1	
Copper	14.0	0.500	1		Zinc	45.2	1.00	1	
Lead	4.57	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-17@4-5'	**09-09-0351-79-A**	**09/02/09 14:38**	**Solid**	**ICP 5300**	**09/24/09**	**09/24/09 19:04**	**090924L03**

Comment(s): -Mercury was analyzed on 9/24/2009 3:52:12 PM with batch 090924L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	7.21	0.750	1		Molybdenum	1.11	0.250	1	
Barium	224	0.500	1		Nickel	71.3	0.250	1	
Beryllium	0.351	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	50.1	0.250	1		Thallium	ND	0.750	1	
Cobalt	14.2	0.250	1		Vanadium	36.0	0.250	1	
Copper	19.0	0.500	1		Zinc	51.7	1.00	1	
Lead	6.04	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-18@4-5'	**09-09-0351-80-A**	**09/02/09 15:03**	**Solid**	**ICP 5300**	**09/24/09**	**09/24/09 18:57**	**090924L03**

Comment(s): -Mercury was analyzed on 9/24/2009 3:54:26 PM with batch 090924L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	24.7	0.750	1		Molybdenum	0.275	0.250	1	
Barium	135	0.500	1		Nickel	38.7	0.250	1	
Beryllium	0.261	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	27.0	0.250	1		Thallium	ND	0.750	1	
Cobalt	7.19	0.250	1		Vanadium	74.5	0.250	1	
Copper	13.5	0.500	1		Zinc	41.5	1.00	1	
Lead	3.19	0.500	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-04-007-6,558**	**N/A**	**Solid**	**Mercury**	**09/24/09**	**09/24/09 13:18**	**090924L02**

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0835	1	

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-12,767**	**N/A**	**Solid**	**ICP 5300**	**09/24/09**	**09/24/09 18:54**	**090924L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Lead	ND	0.500	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	ND	0.500	1		Nickel	ND	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	ND	0.250	1		Thallium	ND	0.750	1	
Cobalt	ND	0.250	1		Vanadium	ND	0.250	1	
Copper	ND	0.500	1		Zinc	ND	1.00	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8270C SIM PAHs
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-13A@0-1'	**09-09-0351-66-A**	**09/02/09 11:26**	**Solid**	**GC/MS AAA**	**09/24/09**	**09/24/09 20:56**	**090924L13**

Comment(s): -Sample analysis requested after recommended holding time.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	20	1		Benzo (a) Anthracene	ND	20	1	
Acenaphthylene	ND	20	1		Chrysene	ND	20	1	
Acenaphthene	ND	20	1		Benzo (k) Fluoranthene	ND	20	1	
Fluorene	ND	20	1		Benzo (b) Fluoranthene	ND	20	1	
Phenanthrene	ND	20	1		Benzo (a) Pyrene	ND	20	1	
Anthracene	ND	20	1		Benzo (g,h,i) Perylene	ND	20	1	
Fluoranthene	ND	20	1		Indeno (1,2,3-c,d) Pyrene	ND	20	1	
Pyrene	ND	20	1		Dibenz (a,h) Anthracene	ND	20	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Nitrobenzene-d5	75	18-162			2-Fluorobiphenyl	62	14-146		
p-Terphenyl-d14	49	34-148							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-14@0-1'	**09-09-0351-67-A**	**09/02/09 13:56**	**Solid**	**GC/MS AAA**	**09/24/09**	**09/24/09 20:34**	**090924L13**

Comment(s): -Sample analysis requested after recommended holding time.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	20	1		Benzo (a) Anthracene	ND	20	1	
Acenaphthylene	ND	20	1		Chrysene	ND	20	1	
Acenaphthene	ND	20	1		Benzo (k) Fluoranthene	ND	20	1	
Fluorene	ND	20	1		Benzo (b) Fluoranthene	ND	20	1	
Phenanthrene	ND	20	1		Benzo (a) Pyrene	ND	20	1	
Anthracene	ND	20	1		Benzo (g,h,i) Perylene	ND	20	1	
Fluoranthene	ND	20	1		Indeno (1,2,3-c,d) Pyrene	ND	20	1	
Pyrene	ND	20	1		Dibenz (a,h) Anthracene	ND	20	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Nitrobenzene-d5	83	18-162			2-Fluorobiphenyl	67	14-146		
p-Terphenyl-d14	59	34-148							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8270C SIM PAHs
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-17@0-1'	**09-09-0351-70-A**	**09/02/09 14:28**	**Solid**	**GC/MS AAA**	**09/24/09**	**09/24/09 18:20**	**090924L13**

Comment(s): -Sample analysis requested after recommended holding time.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	20	1		Benzo (a) Anthracene	ND	20	1	
Acenaphthylene	ND	20	1		Chrysene	ND	20	1	
Acenaphthene	ND	20	1		Benzo (k) Fluoranthene	ND	20	1	
Fluorene	ND	20	1		Benzo (b) Fluoranthene	ND	20	1	
Phenanthrene	ND	20	1		Benzo (a) Pyrene	ND	20	1	
Anthracene	ND	20	1		Benzo (g,h,i) Perylene	ND	20	1	
Fluoranthene	ND	20	1		Indeno (1,2,3-c,d) Pyrene	ND	20	1	
Pyrene	ND	20	1		Dibenz (a,h) Anthracene	ND	20	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Nitrobenzene-d5	81	18-162			2-Fluorobiphenyl	57	14-146		
p-Terphenyl-d14	45	34-148							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-18@0-1'	**09-09-0351-71-A**	**09/02/09 14:58**	**Solid**	**GC/MS AAA**	**09/24/09**	**09/24/09 18:43**	**090924L13**

Comment(s): -Sample analysis requested after recommended holding time.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	20	1		Benzo (a) Anthracene	ND	20	1	
Acenaphthylene	ND	20	1		Chrysene	ND	20	1	
Acenaphthene	ND	20	1		Benzo (k) Fluoranthene	ND	20	1	
Fluorene	ND	20	1		Benzo (b) Fluoranthene	ND	20	1	
Phenanthrene	ND	20	1		Benzo (a) Pyrene	ND	20	1	
Anthracene	ND	20	1		Benzo (g,h,i) Perylene	ND	20	1	
Fluoranthene	ND	20	1		Indeno (1,2,3-c,d) Pyrene	ND	20	1	
Pyrene	ND	20	1		Dibenz (a,h) Anthracene	ND	20	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Nitrobenzene-d5	76	18-162			2-Fluorobiphenyl	58	14-146		
p-Terphenyl-d14	47	34-148							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8270C SIM PAHs
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-16@4-5'	**09-09-0351-78-A**	**09/02/09 13:30**	**Solid**	**GC/MS AAA**	**09/24/09**	**09/24/09 20:12**	**090924L13**

Comment(s): -Sample analysis requested after recommended holding time.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	20	1		Benzo (a) Anthracene	ND	20	1	
Acenaphthylene	ND	20	1		Chrysene	ND	20	1	
Acenaphthene	ND	20	1		Benzo (k) Fluoranthene	ND	20	1	
Fluorene	ND	20	1		Benzo (b) Fluoranthene	ND	20	1	
Phenanthrene	ND	20	1		Benzo (a) Pyrene	ND	20	1	
Anthracene	ND	20	1		Benzo (g,h,i) Perylene	ND	20	1	
Fluoranthene	ND	20	1		Indeno (1,2,3-c,d) Pyrene	ND	20	1	
Pyrene	ND	20	1		Dibenz (a,h) Anthracene	ND	20	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Nitrobenzene-d5	67	18-162			2-Fluorobiphenyl	54	14-146		
p-Terphenyl-d14	40	34-148							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-24@4-5'	**09-09-0351-81-A**	**09/02/09 11:03**	**Solid**	**GC/MS AAA**	**09/24/09**	**09/24/09 19:05**	**090924L13**

Comment(s): -Sample analysis requested after recommended holding time.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	20	1		Benzo (a) Anthracene	ND	20	1	
Acenaphthylene	ND	20	1		Chrysene	ND	20	1	
Acenaphthene	ND	20	1		Benzo (k) Fluoranthene	ND	20	1	
Fluorene	ND	20	1		Benzo (b) Fluoranthene	ND	20	1	
Phenanthrene	ND	20	1		Benzo (a) Pyrene	ND	20	1	
Anthracene	ND	20	1		Benzo (g,h,i) Perylene	ND	20	1	
Fluoranthene	ND	20	1		Indeno (1,2,3-c,d) Pyrene	ND	20	1	
Pyrene	ND	20	1		Dibenz (a,h) Anthracene	ND	20	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Nitrobenzene-d5	45	18-162			2-Fluorobiphenyl	35	14-146		
p-Terphenyl-d14	37	34-148							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3545
		Method:	EPA 8270C SIM PAHs
		Units:	ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-12@9-10'	**09-09-0351-82-A**	**09/02/09 12:28**	**Solid**	**GC/MS AAA**	**09/24/09**	**09/24/09 19:27**	**090924L13**

Comment(s): -Sample analysis requested after recommended holding time.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	20	1		Benzo (a) Anthracene	ND	20	1	
Acenaphthylene	ND	20	1		Chrysene	ND	20	1	
Acenaphthene	ND	20	1		Benzo (k) Fluoranthene	ND	20	1	
Fluorene	ND	20	1		Benzo (b) Fluoranthene	ND	20	1	
Phenanthrene	ND	20	1		Benzo (a) Pyrene	ND	20	1	
Anthracene	ND	20	1		Benzo (g,h,i) Perylene	ND	20	1	
Fluoranthene	ND	20	1		Indeno (1,2,3-c,d) Pyrene	ND	20	1	
Pyrene	ND	20	1		Dibenz (a,h) Anthracene	ND	20	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Nitrobenzene-d5	71	18-162			2-Fluorobiphenyl	55	14-146		
p-Terphenyl-d14	44	34-148							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SJS-01-15@9-10'	**09-09-0351-86-A**	**09/02/09 12:57**	**Solid**	**GC/MS AAA**	**09/24/09**	**09/24/09 19:49**	**090924L13**

Comment(s): -Sample analysis requested after recommended holding time.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	20	1		Benzo (a) Anthracene	ND	20	1	
Acenaphthylene	ND	20	1		Chrysene	ND	20	1	
Acenaphthene	ND	20	1		Benzo (k) Fluoranthene	ND	20	1	
Fluorene	ND	20	1		Benzo (b) Fluoranthene	ND	20	1	
Phenanthrene	ND	20	1		Benzo (a) Pyrene	ND	20	1	
Anthracene	ND	20	1		Benzo (g,h,i) Perylene	ND	20	1	
Fluoranthene	ND	20	1		Indeno (1,2,3-c,d) Pyrene	ND	20	1	
Pyrene	ND	20	1		Dibenz (a,h) Anthracene	ND	20	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Nitrobenzene-d5	54	18-162			2-Fluorobiphenyl	42	14-146		
p-Terphenyl-d14	42	34-148							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3545
Method: EPA 8270C SIM PAHs
Units: ug/kg

Project: SJS 1 & 2 / 27708034.02000

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-06-010-369**	**N/A**	**Solid**	**GC/MS AAA**	**09/24/09**	**09/24/09 17:13**	**090924L13**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	20	1		Benzo (a) Anthracene	ND	20	1	
Acenaphthylene	ND	20	1		Chrysene	ND	20	1	
Acenaphthene	ND	20	1		Benzo (k) Fluoranthene	ND	20	1	
Fluorene	ND	20	1		Benzo (b) Fluoranthene	ND	20	1	
Phenanthrene	ND	20	1		Benzo (a) Pyrene	ND	20	1	
Anthracene	ND	20	1		Benzo (g,h,i) Perylene	ND	20	1	
Fluoranthene	ND	20	1		Indeno (1,2,3-c,d) Pyrene	ND	20	1	
Pyrene	ND	20	1		Dibenz (a,h) Anthracene	ND	20	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Nitrobenzene-d5	90	18-162			2-Fluorobiphenyl	69	14-146		
p-Terphenyl-d14	63	34-148							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SJS-01-18@4-5'	**Solid**	**ICP 5300**	**09/24/09**	**09/24/09**	**090924S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	17	16	50-115	6	0-20	3
Arsenic	125	118	75-125	3	0-20	
Barium	4X	4X	75-125	4X	0-20	Q
Beryllium	107	108	75-125	1	0-20	
Cadmium	97	97	75-125	0	0-20	
Chromium	120	117	75-125	1	0-20	
Cobalt	107	105	75-125	2	0-20	
Copper	142	113	75-125	16	0-20	3
Lead	101	99	75-125	2	0-20	
Molybdenum	84	83	75-125	1	0-20	
Nickel	118	106	75-125	5	0-20	
Selenium	93	93	75-125	0	0-20	
Silver	126	127	75-125	1	0-20	3
Thallium	96	96	75-125	0	0-20	
Vanadium	141	119	75-125	5	0-20	3
Zinc	65	61	75-125	2	0-20	3

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - PDS / PDSD

URS Corporation		Date Received	09/04/09
1615 Murray Canyon Road, Suite 1000		Work Order No:	09-09-0351
San Diego, CA 92108-4319		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
SJS-01-18@4-5'	**Solid**	**ICP 5300**	**09/24/09**	**09/24/09**	**090924S03**

Parameter	PDS %REC	PDSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	100	99	75-125	2	0-20	
Arsenic	111	106	75-125	3	0-20	
Barium	4X	4X	75-125	4X	0-20	Q
Beryllium	104	104	75-125	0	0-20	
Cadmium	92	92	75-125	1	0-20	
Chromium	95	95	75-125	0	0-20	
Cobalt	97	97	75-125	1	0-20	
Copper	105	106	75-125	0	0-20	
Lead	96	94	75-125	2	0-20	
Molybdenum	101	99	75-125	2	0-20	
Nickel	91	89	75-125	1	0-20	
Selenium	97	94	75-125	3	0-20	
Silver	121	122	75-125	0	0-20	
Thallium	94	92	75-125	2	0-20	
Vanadium	97	98	75-125	0	0-20	
Zinc	53	52	75-125	1	0-20	5

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 7471A Total
Method: EPA 7471A

Project SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-09-1795-2	**Solid**	**Mercury**	**09/24/09**	**09/24/09**	**090924S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	93	86	71-137	7	0-14	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: 09/04/09
Work Order No: 09-09-0351
Preparation: EPA 3545
Method: EPA 8270C SIM PAHs

Project SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SJS-01-14@0-1'	**Solid**	**GC/MS AAA**	**09/24/09**	**09/24/09**	**090924S13**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Naphthalene	63	63	21-133	1	0-25	
2-Methylnaphthalene	58	59	21-140	3	0-25	
Acenaphthylene	57	59	33-145	3	0-25	
Acenaphthene	61	65	40-106	6	0-25	
Fluorene	52	54	59-121	5	0-25	3
Phenanthrene	55	58	54-120	4	0-25	
Anthracene	52	53	27-133	3	0-25	
Fluoranthene	49	50	26-137	3	0-25	
Pyrene	47	48	6-156	2	0-25	
Benzo (a) Anthracene	55	57	33-143	4	0-25	
Chrysene	56	58	17-168	3	0-25	
Benzo (k) Fluoranthene	60	62	24-159	3	0-25	
Benzo (b) Fluoranthene	53	57	24-159	7	0-25	
Benzo (a) Pyrene	55	57	17-163	5	0-25	
Benzo (g,h,i) Perylene	46	47	0-219	2	0-25	
Indeno (1,2,3-c,d) Pyrene	52	51	0-171	2	0-25	
Dibenz (a,h) Anthracene	47	46	0-227	2	0-25	
1-Methylnaphthalene	59	62	40-160	4	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: N/A
Work Order No: 09-09-0351
Preparation: EPA 3050B
Method: EPA 6010B

Project: SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-12,767	**Solid**	**ICP 5300**	**09/24/09**	**09/24/09**	**090924L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Antimony	97	96	80-120	73-127	1	0-20	
Arsenic	100	98	80-120	73-127	2	0-20	
Barium	106	107	80-120	73-127	1	0-20	
Beryllium	99	100	80-120	73-127	1	0-20	
Cadmium	102	103	80-120	73-127	1	0-20	
Chromium	100	101	80-120	73-127	1	0-20	
Cobalt	105	106	80-120	73-127	0	0-20	
Copper	103	105	80-120	73-127	2	0-20	
Lead	102	102	80-120	73-127	0	0-20	
Molybdenum	98	98	80-120	73-127	0	0-20	
Nickel	103	103	80-120	73-127	0	0-20	
Selenium	92	92	80-120	73-127	0	0-20	
Silver	112	114	80-120	73-127	1	0-20	
Thallium	102	102	80-120	73-127	0	0-20	
Vanadium	100	102	80-120	73-127	2	0-20	
Zinc	101	101	80-120	73-127	0	0-20	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: N/A
Work Order No: 09-09-0351
Preparation: EPA 7471A Total
Method: EPA 7471A

Project: SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-6,558	**Solid**	**Mercury**	**09/24/09**	**09/24/09**	**090924L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	104	103	85-121	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108-4319

Date Received: N/A
Work Order No: 09-09-0351
Preparation: EPA 3545
Method: EPA 8270C SIM PAHs

Project: SJS 1 & 2 / 27708034.02000

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-06-010-369	**Solid**	**GC/MS AAA**	**09/24/09**	**09/24/09**	**090924L13**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Naphthalene	91	91	21-133	2-152	0	0-25	
2-Methylnaphthalene	84	80	21-140	1-160	5	0-25	
Acenaphthylene	89	81	33-145	14-164	9	0-25	
Acenaphthene	94	90	48-108	38-118	3	0-11	
Fluorene	91	82	59-121	49-131	11	0-25	
Phenanthrene	86	90	54-120	43-131	4	0-25	
Anthracene	75	80	27-133	9-151	6	0-25	
Fluoranthene	71	81	26-137	8-156	13	0-25	
Pyrene	81	87	28-106	15-119	7	0-16	
Benzo (a) Anthracene	81	82	33-143	15-161	1	0-25	
Chrysene	83	83	17-168	0-193	1	0-25	
Benzo (k) Fluoranthene	94	99	24-159	2-182	5	0-25	
Benzo (b) Fluoranthene	80	86	24-159	2-182	7	0-25	
Benzo (a) Pyrene	82	83	17-163	0-187	1	0-25	
Benzo (g,h,i) Perylene	79	81	0-227	0-265	3	0-25	
Indeno (1,2,3-c,d) Pyrene	81	81	0-171	0-200	0	0-25	
Dibenz (a,h) Anthracene	81	82	0-219	0-256	1	0-25	
1-Methylnaphthalene	86	86	40-160	20-180	0	0-25	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-09-0351

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Calscience Environmental Laboratories, Inc.

☐ SoCal Laboratory
7440 Lincoln Way
Garden Grove, CA 92841-1427
(714) 895-5494

☐ NorCal Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

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LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0351

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE: ☐☐☐☐

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+			
1	SJS-01@0-1'		9-3-09	0845	S	1																X	Arsenic	
2	SJS-02@0-1'			0859																		X	Cr(VI)	
3	SJS-03@0-1'			0917																		X		
4	SJS-04@0-1'			0923																		X		
5	SJS-05@0-1'			0816																		X		
6	SJS-06@0-1'			0828																		X		
7	SJS-07@0-1'			0741																		X		
8	SJS-08@0-1'			0803																		X		
9	SJS-09@0-1'			0753																		X		
10	SJS-10@0-1'			0715																		X		

Relinquished by: (Signature) Dillon Kass 1700 9-3-09	Received by: (Signature/Affiliation) Weba CE	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 2 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0351

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE: ☐☐☐☐

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+ ( )	+ Arsenic	OCPs
11	SJS-01@1.5-2'		9-3-09	0846	S	1																+	X
12	SJS-02@1.5-2'			0900																		X	X
13	SJS-03@1.5-2'			0918																		X	X
14	SJS-04@1.5-2'			0924																		X	X
15	SJS-05@1.5-2'			0817																		X	X
16	SJS-06@1.5-2'			0829																		X	X
17	SJS-07@1.5-2'			0742																		X	X
18	SJS-08@1.5-2'			0804																		X	X
19	SJS-09@1.5-2'			0754																		X	X
20	SJS-10@1.5-2'			0719																		X	X

Relinquished by: (Signature) Dillon Kass 1700 9-3-09	Received by: (Signature/Affiliation) Wchatm CEL	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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(714) 895-5494

☐ NorCal Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 3 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0351

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE: ☐☐☐☐

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS: Archive

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH (_____)	BTEX / MTBE (8260B) or (_____)	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+_____	Arsenic	OCPs
21	SJS-01@2.5-3'		9-3-09	0847	S	1																X	X
22	SJS-02@2.5-3'			0901																		X	X
23	SJS-03@2.5-3'			0919																		X	X
24	SJS-04@2.5-3'			0925																		X	X
25	SJS-05@2.5-3'			0818																		X	X
26	SJS-06@2.5-3'			0830																		X	X
27	SJS-07@2.5-3'			0743																		X	X
28	SJS-08@2.5-3'			0805																		X	X
29	SJS-09@2.5-3'			0755																		X	X
30	SJS-10@2.5-3'		↓	0720	↓	↓																X	X

Relinquished by: (Signature) Dillon Kass 1700 9-3-09	Received by: (Signature/Affiliation) Wcbatn CEL	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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Concord, CA 94520-8577
(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 4 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0838

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE: ☐☐☐☐

COOLER RECEIPT TEMP= °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+ ( )	Arsenic	OCPs
31	SJS-05-01@0-1'		9-3-09	0729	S	1																X	X
32	SJS-05-02@0-1'			0942																		X	X
33	SJS-05-03@0-1'			0935																		X	X
34	SJS-05-04@0-1'			0907																		X	X
35	SJS-05-05@0-1'			0851																		X	X
36	SJS-05-06@0-1'			1044																		X	
37	SJS-05-07@0-1'			1133																		X	
38	SJS-05-08@0-1'			1131																		X	
39	SJS-05-09@0-1'			0959																		X	
40	SJS-05-10@0-1'		↓	1103	↓	↓																X	

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5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 5 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0351

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE: ☐☐☐☐

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+ _____	Arsenic	OCPs
41	SJS-05-01@1.5-2'		9-3-09	0731	S	1																X	X
42	SJS-05-02@1.5-2'		9-3-09	0943	S	1																X	X
43	SJS-05-03@1.5-2'		9-3-09	0932	S	1																X	X
44	SJS-05-04@1.5-2'		9-3-09	0908	S	1																X	X
45	SJS-05-05@1.5-2'		9-3-09	0852	S	1																X	X

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Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 6 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0351

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE

COOLER RECEIPT TEMP= °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+	Arsenic	OCPs
A6	SJS-02-01@0-0.5'		9-3-09	1142	S	1																X	X
A7	SJS-02-01@1.5-2'			1143																		X	X
A8	SJS-02-01@4.5-5'			1145																		X	X
A9	SJS-02-05@0-0.5'			1115																		X	X
B0	SJS-02-05@1.5-2'			1116																		X	X
B1	SJS-02-05@4.5-5'			1119																		X	X
B2	SJS-02-06@0-0.5'			1148																		X	X
B3	SJS-02-06@1.5-2'			1150																		X	X
B4	SJS-02-06@4.5-5'			1151																		X	X

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Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 7 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0851

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+	Arsenic	OCPs
55	SJS-02-07C Ø		9-2-09	0930	S	1																X	X
56	SJS-02-08C Ø			0935	S	1																X	X
57	SJS-02-09C Ø			0940	S	1																X	X
58	SJS-02-10C Ø			0950	S	1																X	X
59	SJS-04-01C Ø			0900	S	1																X	X
60	SJS-04-02C Ø			0905	S	1																X	X

Relinquished by: (Signature) Dillon Kass 9-3-09 1700	Received by: (Signature/Affiliation) Wcbatn CEL	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 8 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0351

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:
Archive

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+	Arsenic	CAM 17
61	SJS-02-01@3-3.5'		9-3-09	1144	S	1																X	X
62	SJS-02-05@3-3.5'		9-3-09	1117	S	1																X	X
63	SJS-02-06@3-3.5'		9-3-09	1149	S	1																X	X

Relinquished by: (Signature) Dillon Kass 9-3-09 1700	Received by: (Signature/Affiliation) WCoats CEL	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

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LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-03571

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:
Analyze highest concentration TPH for PAH's

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH (___)	BTEX / MTBE (8260B) or (___)	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+___
64	SJS-01-12C0-1'		9-2-09	1223	S	1			X									X			
65	SJS-01-13C0-1'			1150					X												
66	SJS-01-13AC0-1'			1126					X									X			
67	SJS-01-14C0-1'			1356					X												
68	SJS-01-15C0-1'			1248					X									X			
69	SJS-01-16C0-1'			1322					X												
70	SJS-01-17C0-1'			1428					X									X			
71	SJS-01-18C0-1'			1458					X									X			
72	SJS-01-24C0-1'			1100					X												

Relinquished by: (Signature) Dillon Kass 9-3-09 1700	Received by: (Signature/Affiliation) Wdeath CEL	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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05/01/07 Revision

Q&Q Graphic 714-898-9702

Calscience Environmental Laboratories, Inc.

☐ SoCal Laboratory
7440 Lincoln Way
Garden Grove, CA 92841-1427
(714) 895-5494

☐ NorCal Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 10 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0351

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE

COOLER RECEIPT TEMP= °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:
Analyze highest concentration TPH for PAH's

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+			
73	SJS-01-12@4-5'		9-2-09	1228	S	1		X	X									X						
74	SJS-01-13@4-5'			1200					X									X						
75	SJS-01-13A@4-5'			1131					X									X						
76	SJS-01-14@4-5'			1400					X									X						
77	SJS-01-15@4-5'			1251					X									X						
78	SJS-01-16@4-5'			1330					X									X						
79	SJS-01-17@4-5'			1438					X															
80	SJS-01-18@4-5'			1503					X															
81	SJS-01-24@4-5'			1103					X									X						

Relinquished by: (Signature) Dillon Kass 9-3-09 1700	Received by: (Signature/Affiliation) Weiss CEL	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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05/01/07 Revision

Q&Q Graphic 714-898-9702

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5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

CHAIN OF CUSTODY RECORD

Date 9-3-09

Page 11 of 11

LABORATORY CLIENT: URS Corp.

ADDRESS: 1615 Murray Canyon Road, #1000

CITY: San Diego STATE: CA ZIP: 92108

TEL: 619-294-9400 E-MAIL: robert_scott@urscorp.com

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS:
Analyze highest concentration TPH for PAH's

CLIENT PROJECT NAME / NUMBER: SJS 1&2

P.O. NO.: 27708034.02000

PROJECT CONTACT: Robert Scott

LAB USE ONLY: 09-0855

SAMPLER(S): (PRINT) Dillon Kass

COELT LOG CODE: ☐☐☐☐

COOLER RECEIPT TEMP= °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g)	TPH (d) or (C6-C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+			
87	SJS-01-12 @ 9-10'		9-2-09	1228	S	1			X									X						
83	SJS-01-13 @ 9-10'			1200					X									X						
84	SJS-01-13A @ 9-10'			1140					X									X						
85	SJS-01-14 @ 9-10'			1415					X									X						
86	SJS-01-15 @ 9-10'			1257					X									X						
87	SJS-01-16 @ 9-10'			1335					X									X						
88	SJS-01-17 @ 9-10'			1442					X															
89	SJS-01-18 @ 9-10'			1508					X															
90	SJS-01-24 @ 9-10'		↓	1108	↓	↓			X									X						

Relinquished by: (Signature) Dillon Kass 9-3-09 1700	Received by: (Signature/Affiliation) WCbatch CEL	Date: 9/4/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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05/01/07 Revision

Q&Q Graphic 714-898-9702

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-09-0351

SAMPLE RECEIPT FORM

Cooler 1 of 3

CLIENT: URS CORP. DATE: 9/4/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.6 °C - 0.2 °C (CF) = 3.4 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** WB

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** WB

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** PS

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑ WSC 9-4-09	☑	☐
☑ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ COC not relinquished. ☐ No date relinquished. ☐ No time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑ WSC 9-4-09	☑	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☑4ozCGJ (55-60) ☐8ozCGJ ☐16ozCGJ ☑Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____ **Other:** ☐_____ **Checked/Labeled by:** PS

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelop **Reviewed by:** WSC

Preservative: **h:** HCL **n:** HNO3 **na$_2$:** $Na_2S_2O_3$ **Na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **znna:** $ZnAc_2$+NaOH **f:** Field-filtered **Scanned by:** PS

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-09-0351

SAMPLE RECEIPT FORM

Cooler 2 of 3

CLIENT: URS Corp. DATE: 9/4/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.1 °C - 0.2 °C (CF) = 2.9 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** WB

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** WB

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** PS

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ COC not relinquished. ☐ No date relinquished. ☐ No time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☑4ozCGJ (55-60) ☐8ozCGJ ☐16ozCGJ ☑Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____ **Other:** ☐_____ **Checked/Labeled by:** PS

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelop **Reviewed by:** WSL

Preservative: **h:** HCL **n:** HNO3 **na$_2$:** $Na_2S_2O_3$ **Na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **znna:** $ZnAc_2$+NaOH **f:** Field-filtered **Scanned by:** PS

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-09-0 3 5 1

SAMPLE RECEIPT FORM

Cooler 3 of 3

CLIENT: URS Corp. DATE: 9/4/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.4 °C - 0.2 °C (CF) = 3.2 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** WB

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** WB

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** JV

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ COC not relinquished. ☐ No date relinquished. ☐ No time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☑4ozCGJ (55-60) ☐8ozCGJ ☐16ozCGJ ☑Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____ **Other:** ☐_____ **Checked/Labeled by:** RS

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelop **Reviewed by:** W-SC

Preservative: **h:** HCL **n:** HNO3 **na$_2$:** $Na_2S_2O_3$ **Na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **znna:** $ZnAc_2$+NaOH **f:** Field-filtered **Scanned by:** RS

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-09-0 3 5 1

SAMPLE ANOMALY FORM

SAMPLES - CONTAINERS & LABELS:

- ☐ **Samples NOT RECEIVED but listed on COC**
- ☑ **Samples received but NOT LISTED on COC**
- ☐ **Holding time expired** – list sample ID(s) and test
- ☐ **Insufficient quantities for analysis** – list test
- ☐ **Improper container(s)/preservative used** – list test
- ☐ **No preservative noted on COC or label** – list test & notify lab
- ☐ **Sample labels illegible** – note test/container type
- ☐ **Sample labels do not match COC** – Note in comments
  - ☐ **Sample ID**
  - ☐ **Date and/or Time Collected**
  - ☐ **Project Information**
  - ☐ **# of Containers**
  - ☐ **Analysis**
- ☐ **Sample containers compromised** – Note in comments
  - ☐ **Leaking**
  - ☐ **Broken**
  - ☐ **Without Labels**
- ☐ **Air sample containers compromised** – Note in comments
  - ☐ **Flat**
  - ☐ **Very low in volume**
  - ☐ **Leaking (transferred into Calscience Tedlar® Bag*)**
  - ☐ **Leaking (transferred into Client's Tedlar® Bag*)**
- ☐ **Other:** _____

Comments:

(-91)SJS-05-05@2S-3' COLLECTION DATE AND TIME 09/03/09 @ 0853, NOT ON COC. (Archive)

HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of RSK or CO_2 or DO Received

Comments: _____

*Transferred at Client's request.

Initial / Date PS 9/4/09

Vikas Patel

From: Robert_Scott@URSCorp.com
Sent: Thursday, September 24, 2009 1:02 PM
To: Vikas Patel
Cc: Lowell_Woodbury@URSCorp.com; Dillon_Kass@URSCorp.com; Anne_Runnalls@URSCorp.com; Jason_Moore@URSCorp.com
Subject: Re: SJS 1 & 2 / 27708034.02000 / CEL 09-09-0351 - Final Report
Attachments: pic17981.gif

Hi Vik,

I just returned from vacation yesterday and it appears that there was a miscommunication (lack of clarity) on the COCs regarding PAH analyses. The soil sample from each boring with the highest TPH detection for the SJS-01 samples should have been analyzed for PAHs, not just the highest of the entire number of samples submitted. Can you please analyze the following additional samples for PAHs (lab IDs in parentheses):

sjs-01-12@9-10' (82)
sjs-01-13A@0-1' (66)
sjs-01-14@0-1' (67)
sjs-01-15@9-10' (86)
sjs-01-16@4-5' (78)
sjs-01-17@0-1' (70)
sjs-01-18@0-1' (71)
sjs-01-24@4-5' (81)

Unfortunately we have a very short fuse to issue this report and I was wondering if you might be able to perform these analyses on rush and waive the fee. I'd need to have the results as soon as possible. Please call me to discuss. Thanks!

Bob Scott, PG, CHg
Vice President
URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108
619.294.9400
fax: 619.293.7920

"Vikas Patel" <ViPatel@calscience.com>

"Vikas Patel"
<ViPatel@calscience.com>

09/23/2009 01:56 PM

To<Robert_Scott@urscorp.com>

cc<Lowell_Woodbury@URSCorp.com>

SubjectSJS 1 & 2 / 27708034.02000 / CEL 09-09-0351 - Final Report

<<09-09-0351.pdf>>

Best regards,

Vikas Patel

From: Robert_Scott@URSCorp.com
Sent: Thursday, September 24, 2009 1:47 PM
To: Vikas Patel
Cc: Lowell_Woodbury@URSCorp.com; Dillon_Kass@URSCorp.com; Jason_Moore@URSCorp.com; Anne_Runnalls@URSCorp.com
Subject: Re: SJS 1 & 2 / 27708034.02000 / CEL 09-09-0351 - Final Report
Attachments: pic09551.gif

Hi Vik,

As we discussed on the phone, I also noticed that we are short on metals for AOC1. There were supposed to be two samples per boring and there are three that only have one sample each. Please analyze the following for CAM 17 metals:

SJS-01-13@4-5' (74)
SJS-01-17@4-5' (79)
SJS-01-18@4-5' (80)

Thanks!

Bob Scott, PG, CHg
Vice President
URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108
619.294.9400
fax: 619.293.7920

"Vikas Patel" <ViPatel@calscience.com>

"Vikas Patel"
<ViPatel@calscience.com>

09/23/2009 01:56 PM

To<Robert_Scott@urscorp.com>

cc<Lowell_Woodbury@URSCorp.com>

SubjectSJS 1 & 2 / 27708034.02000 / CEL 09-09-0351 - Final Report

<<09-09-0351.pdf>>

Best regards,

Vik Patel
Project Manager

Calscience Environmental Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841-1427

BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION OF THE STATE OF CALIFORNIA
1516 NINTH STREET, SACRAMENTO, CA 95814
1-800-822-6228 – WWW.ENERGY.CA.GOV

APPLICATION FOR CERTIFICATION FOR THE *SAN JOAQUIN SOLAR UNITS 1 AND 2 LICENSING PROJECT*

Docket No. 08-AFC-12

PROOF OF SERVICE
(Revised 8/27/2009)

APPLICANT

Elizabeth Ingram
Project Manager
Spinnaker Energy, Inc.
12555 High Bluff Drive, Suite 100
San Diego, CA 92130
Elizabeth.ingram@spinnakerenergy.net

Wayne Goss
Vice President
Martifer Renewables Solar Thermal LLC
12555 High Bluff Drive, Suite 100
San Diego, CA 92130
wayne.goss@spinnakerenergy.net

APPLICANT'S CONSULTANTS

Anne Runnalls
URS
1615 Murray Canyon Road
Suite 1000
San Diego, CA 92108
anne_runnalls@urscorp.com

COUNSEL FOR APPLICANT

Christopher T. Ellison
Ellison, Schneider & Harris L.L.P.
2600 Capitol Avenue, Suite 400
Sacramento, CA 95816-5905
cte@eslawfirm.com

Robert Joyce, Corporate Counsel
Joyce Law Group
7848 Ivanhoe Avenue
La Jolla, CA 92037
E-mail Preferred
Robert_joyce@joycelawgroup.net

INTERESTED AGENCIES

California ISO
E-mail Preferred
e-recipient@caiso.com

INTERVENORS

California Unions for Reliable Energy (CURE)
Elizabeth Klebaner
Tanya A. Gulesserian
Adams Broadwell Joseph & Cardozo
601 Gateway Boulevard, # 1000
South San Francisco, CA 94080
E-mail Preferred
eklebaner@adamsbroadwell.com
tgulesserian@adamsbroadwell.com

Association of Irritated Residents (AIR)
Tom Frantz
30100 Orange Street
Shafter, California 93263
tfrantz@bak.rr.com

ENERGY COMMISSION

JULIA LEVIN
Commissioner and
Presiding Member
jlevin@energy.state.ca.us

JAMES D. BOYD
Vice Chairman and
Associate Member
jboyd@energy.state.ca.us

Raoul Renaud
Hearing Officer
rrenaud@energy.state.ca.us

Joseph Douglas
Project Manager
jdouglas@energy.state.ca.us

Lisa DeCarlo
Staff Counsel
ldecarlo@energy.state.ca.us

Robin Mayer
Staff Counsel
rmayer@energy.state.ca.us

Elena Miller
Public Adviser
publicadviser@energy.state.ca.us

Declaration of Service

I, Anne Runnalls, declare that on October 19, 2009, I served and filed copies of the attached Phase II Environmental Site Assessment Report, dated October 16, 2009. The original document, filed with the Docket Unit, is accompanied by a copy of the most recent Proof of Service list, located on the web page for this project at: [http://www.energy.ca.gov/sitingcases/sjsolar/index.html]. The document has been sent to both the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit, in the following manner:

(*Check all that Apply*)

For service to all other parties:

__x___sent electronically to all email addresses on the Proof of Service list;

__ ___by personal delivery or by depositing in the United States mail at Sacramento, California with first-class postage thereon fully prepaid and addressed as provided on the Proof of Service list above to those addresses NOT marked "email preferred."

AND

For filing with the Energy Commission:

_x___sending an original paper copy and one electronic copy, mailed and emailed respectively, to the address below (preferred method);

OR

_____depositing in the mail an original and 12 paper copies, as follows:

CALIFORNIA ENERGY COMMISSION
Attn: Docket No. 08-AFC-12
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512

docket@energy.state.ca.us

I declare under penalty of perjury that the foregoing is true and correct.

Anne Runnalls