ADDITIONAL PHASE II ENVIRONMENTAL INVESTIGATION REPORT

CITY OF ANAHEIM PROPOSED POWER GENERATION/PEAKER SITE ANAHEIM, CALIFORNIA

Prepared for

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ADDITIONAL PHASE II ENVIRONMENTAL INVESTIGATION

CITY OF ANAHEIM
PROPOSED POWER GENERATION/PEAKER SITE
ANAHEIM, CALIFORNIA

This Additional Phase II Environmental Investigation (Phase II) for the City of Anaheim proposed Power Generation/Peaker Site in the City of Anaheim, California was prepared by URS Corporation on behalf of the City of Anaheim in a manner consistent with the level of care and skill ordinarily exercised by a professional engineer. This report was prepared under the technical direction of the undersigned.

URS CORPORATION

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This document presents the results and findings of an additional Phase II Environmental Investigation (Phase II) conducted on October 4 and 5, 2007, for the City of Anaheim proposed Power Generation/Peaker Site (Site) located at 3051, 3065, and 3071 East Miraloma Avenue in the city of Anaheim, California. The Site is an approximately 9.3-acre, rectangular property, consisting of three parcels in the city of Anaheim, Orange County, California. The Site location is shown on Figure 1. The Site is bounded by commercial properties to the north, east, and the west and Miraloma Avenue on the south. Site Plans are presented as Figures 2 and 3.

Based on the findings of a Phase I Environmental Site Assessment (ESA) of the Site, the City of Anaheim recommended additional Site characterization activities to evaluate the potential for hazardous materials releases. The additional investigation included Phase II assessments conducted by AMEC Earth & Environmental, Inc. (AMEC). Field activities for these Phase II assessments included soil gas, soil, and groundwater sampling at most of the potential areas of concern identified in the Phase I ESA. Based on results of the AMEC Phase II assessments, this additional Phase II was recommended in support of future construction activities.

This Phase II Report was prepared by URS Corporation (URS) for submittal to the City of Anaheim.

Based on soil gas, soil, and groundwater sampling during the Phase II investigations, the following findings regarding the environmental status of the Site were made:

- Volatile organic compounds (VOCs) – Data indicates there are low levels of VOCs present in the soil. The concentrations of VOCs are well below levels of concern for soil at an industrial site.
- Semi-volatile organic compounds (SVOCs) – Data indicates there are low levels of SVOCs present in the soil. The concentrations of SVOCs were below levels of concern for soil at an industrial site, except for one detection of benzo(a)pyrene at location B-32 at 5 feet below ground surface (ft bgs).
- Polychlorinated biphenyls (PCBs) – Data indicates there is no impact to soil from PCBs; results were non-detect.
- Total petroleum hydrocarbons by carbon chain (TPHcc) – Data indicates soil is impacted by TPHcc in the northern area of the Site where there were automotive operations and in the northwest corner of the Site. Sample locations B-5, B-27, B-29, and B-35 had TPHcc concentrations that exceed the generally accepted level of 1,000 milligrams per kilogram (mg/kg) for TPH heavier-range compounds.
- Title 22 Metals – Data indicates the presence of Title 22 metals in the soil. Arsenic was the only metal with concentrations exceeding the Environmental Protection Agency (EPA) Region IX value for soil at an industrial site. However, although concentrations of lead were below the industrial preliminary remedial goals (PRG) value, four samples had concentrations that exceeded 10-times the soluble threshold limit concentration (STLC) value for lead. Therefore, these samples were analyzed with the STLC method and three of the four samples (B-62, B-64, and B-65) had lead concentrations exceeding the STLC limit.

Based on the findings and conclusions of the Phase II assessments, the following recommendations are presented:

- Prior to Site redevelopment, onsite underground structures including septic tanks, underground storage tanks (USTs), clarifiers, and hydraulic hoists, should be properly removed and disposed. Additional confirmation testing may be required.
- VOCs – No excavation or hazardous disposal is required due to VOCs. The Site has been impacted by operations at automotive garages but the VOC concentrations were below EPA Region IX PRGs for soil at an industrial site. The Site appears to be free of impact from the historic operations of the paint storage shed, abandoned-in-place waste oil UST, former USTs, grease trap UST, truck wash bay, and oil/water separator.
- SVOCs – No excavation or hazardous disposal is required due to SVOCs. The Site has been impacted by operations at automotive garages but the SVOC concentrations were below EPA Region IX PRGs for soil at an industrial site, except for one sample (B-32) that had a detection for benzo(a)pyrene above the PRG. However, this was an isolated exceedance and the area is likely to be excavated due to TPHcc as discussed below. The Site appears to be free of impact from the historic operations of the paint storage shed, abandoned-in-place waste oil UST, former USTs, grease trap UST, truck wash bay, and oil/water separator.
- PCBs – No excavation or hazardous disposal is required due to PCBs. The Site appears to be free of impact from the past operations of the onsite transformer.
- TPHcc – There are three areas recommended for excavation to meet the generally accepted level of 1,000 mg/kg for TPH heavier-range compounds. The Site has been impacted by operations at automotive garages but the Site appears to be free of impact from the historic operations of the abandoned-in-place waste oil UST, former USTs, grease trap UST, truck wash bay, and oil/water separator. However, the actual depth of excavation required will be based on the cleanup level agreed to with the lead agency and field conditions encountered during excavation.
- Title 22 Metals
    - Lead – Based on the Phase II assessments, shallow, exposed soil on the residential property area appears to have been impacted by past use of lead-based paint. No remediation is needed for the lead because concentrations are below the EPA Region IX PRG for lead in soil at an industrial site. However, if grading or excavating is conducted in the southwestern portion of the site within the residential property area, soil removed would need to be tested and disposed of at appropriate disposal facilities.
    - Arsenic - It is unlikely remediation will be necessary for arsenic because it naturally occurs at higher concentrations in Southern California soil. The highest detected concentration of arsenic at the Site was 6.55 mg/kg. However, as referenced in the Phase II report (AMEC, 2006b), studies indicate that arsenic concentrations range from 1.8 to 15.2 mg/kg in Southern California. Therefore, it is recommended to have the lead agency agree that no remediation is necessary for

arsenic because the detected concentrations are within the range of naturally occurring arsenic levels for Southern California.

This document presents the results and findings of an additional Phase II Environmental Investigation (Phase II) conducted on October 4 and 5, 2007, for the City of Anaheim proposed Power Generation/Peaker Site (Site) located at 3051, 3065, and 3071 East Miraloma Avenue in the city of Anaheim, California. The Site is an approximately 9.3-acre, rectangular property, consisting of three parcels in the city of Anaheim, Orange County, California. The Site location is shown on Figure 1. The Site is bounded by commercial properties to the north, east, and the west and Miraloma Avenue on the south. Site Plans are presented as Figures 2 and 3.

A Phase I Environmental Site Assessment (ESA) of the Site was conducted by AMEC Earth & Environmental, Inc. (AMEC) on behalf of the City of Anaheim (Phase I ESA Report dated November 20, 2006). Based on the findings of the Phase I ESA (AMEC, 2006a), City of Anaheim recommended additional Site characterization activities to evaluate the potential for hazardous materials releases. The additional investigation was conducted by AMEC.

Field activities for the AMEC Phase II assessment included groundwater, soil gas, and soil sampling. The investigative results are summarized in a report titled *Limited Phase II Subsurface Soil Assessment* dated December 1, 2006, and a report titled *Additional Phase II Subsurface Assessment* dated May 4, 2007.

URS conducted additional soil sampling in October 2007, in support of future construction activities. This Phase II Report was prepared by URS for submittal to the City of Anaheim.

1.1 PHASE II OBJECTIVE

The objective of this Phase II was to fill in potential data gaps from previous Phase II Site investigations in support of Site construction activities.

1.2 SCOPE OF WORK

The scope of work implemented to prepare this Phase II included:

- Collecting field data and evaluating laboratory results to further assess environmental conditions at the Site, and
- Preparing this report.

A sampling and analysis program was conducted on October 4 and 5, 2007, to further evaluate the presence of chemical constituents in soil beneath the Site. The scope of field investigations and laboratory analyses included:

- Collecting 88 primary soil matrix samples for chemical analysis from 24 onsite locations at depths up to 15 feet bgs
- Analyzing selected soil samples for:
  - California Code of Regulations Title 22 total metals (metals)
  - Individual total lead
  - Soluble lead using the waste extraction test for comparison to the Soluble Threshold Limit Concentration (STLC)

- TPH reported by carbon chain (TPHcc)
- Volatile organic compounds (VOCs)
- Polychlorinated biphenyls (PCBs)

1.3 REPORT FORMAT

This Phase II Report contains the following sections:

- Section 1 presents an Introduction and summary of the objectives, scope of work, and report format
- Section 2 presents a Summary of Site Background, including a site description, summaries of the regional geology and hydrogeology, and findings of the Phase II conducted by AMEC
- Section 3 discusses the Sampling Activities, including the soil sampling strategy and approach
- Section 4 presents a discussion of Investigative Results
- Section 5 presents Conclusions and Recommendations of the Phase II, and
- Section 6 lists References cited in the document.

2.1 SITE DESCRIPTION

The Site consists of three parcels and occupies approximately 9 acres. Site Plans are presented as Figures 2 and 3. The Site consists of commercial/industrial parcels used by multiple businesses that provide industrial food catering and vending services and mixed commercial/industrial and residential parcels used for trucking-related businesses. The Site is surrounded by commercial/industrial businesses in all directions.

2.2 SITE GEOLOGY AND HYDROGEOLOGY

Based on information provided in the Phase I ESA (AMEC, 2006a), the Site is located at an elevation of approximately 220 feet above mean sea level (msl). Local topography slopes gently to the west and is essentially flat. Regional soil consists of Quaternary-age alluvial deposits. These deposits consist of loose to moderately dense, unconsolidated sand, sandy silt, and silt from the San Ana River, and are considered floodplain deposits (AMEC, 2006a). During the Phase II field investigations (AMEC, 2006b; 2007), soil borings were completed to a maximum depth of 90 feet bgs. Shallow soil at the Site consisted of fill within the upper 3 to 5 feet and consisted of sandy silt to silty sand. Native soil beneath the fill generally consists of fine to coarse sand with thin layers of sandy silt.

Based on information provided in the Phase I (AMEC, 2006a), groundwater appears to be approximately 98 feet below ground surface (bgs) with an estimated west-southwest flow direction. During the Phase II investigation conducted by AMEC (AMEC, 2007), groundwater was encountered at depths ranging from 83.40 to 87.10 feet bgs.

2.3 AMEC INVESTIGATION SUMMARY AND CONCLUSIONS

Based on the Phase I Assessment (AMEC, 2006a), the following areas of potential environmental concern were identified (Figures 2 and 3):

- Current and former above ground storage tanks (ASTs) located within the eastern portion of the Site
- An UST abandoned-in-place outside the old automotive shop
- Two former USTs removed in 1997, at the northeastern corner of the Site
- Exposed and stained soil within the western portion of the Site indicative of historic spills or releases
- Asbestos containing materials (ACMs) and lead-based paints (LBPs) associated with onsite structures, and
- Hydraulic lifts within the new automotive shop

Based on the findings and conclusions of the Phase I Assessment, AMEC conducted soil, soil gas, and groundwater investigations at the Site. The sampling locations are shown on Figures 4 and 5. Details of the sampling are provided in AMEC reports (AMEC, 2006b; 2007). Soil samples were analyzed for TPHcc, VOCs, SVOCs, PCBs, and Title 22 metals. Soil gas samples were analyzed for VOCs. Groundwater samples were analyzed for VOCs, TPHg, TPHd, and

other physical parameters. Investigative activities conducted by AMEC are briefly summarized below.

- Three soil borings (B-9, B-19, and B-20) and one soil gas boring (SG-3) were completed at the perimeter of the abandoned-in-place waste oil UST located outside of the old automotive shop. Soil impacts from historic operations were not detected. Soil gas boring detected tetrachlorethene (PCE) at a concentration exceeding the residential California Human Health Screening Levels (CHHSLs; Cal/EPA, 2005). However, this concentration was below the commercial CHHSL screening value.
- Four soil borings (B-1 through B-4) and three soil gas borings (SG-13 through SG-15) were completed at the perimeter of the former USTs located at the northeastern corner of the Site. Impacts from historic operations of the former USTs were not found.
- Six soil borings (four inside the limits of the old automotive garage [B-10, B-11, B-17, and B-18] and two outside the limits of the old automotive garage [B-37 and B-38]) and two soil gas borings (SG-1 and SG-2) were completed within the old automotive garage to assess four dual hydraulic hoists, four floor drains, and two hydraulic oil tanks. Impacts from historic operations of these onsite structures were not found.
- Eleven soil borings (B-5 through B-8, B-26, B-27, B-32, B-35, B-36, B-39, and B-40) and 10 soil gas borings (SG-4 through SG-12 and SG-18) were completed within the new automotive garage to assess five dual hydraulic hoists and two hydraulic oil tanks. Petroleum hydrocarbon and benzo(a)pyrene impacts were documented in the soil samples collected from this area. PCE was also detected in soil gas samples collected at concentrations above residential CHHSLs and below commercial CHHSLs.
- Seven soil borings (B-12, B-13, B-15, B-16, B-22, B-23, and B-25) were completed adjacent to four oil/water separators located within the eastern portion of the Site. No impacts from historic operations were found.
- One soil boring (B-21) was completed adjacent to the active grease trap UST located south of the new automotive garage. No impacts from historic operations were found.
- One soil boring (B-14) was placed within the northern most truck wash bay to assess potential impacts from historic operations. No impacts from historic operations were found.
- One soil boring (B-24) was placed in the parking lot on the eastern portion of the Site to assess cracks in the concrete. No impacts from historic operations were found.
- Eight soil borings (B-28 through B-31, B-33, B-34, B-41, and B-42) and three soil gas borings (SG-17, SG-19, and SG-20) were placed to assess exposed and stained soil through out the Site. Petroleum hydrocarbon impacts in soil were identified in exposed soil areas within the scrap food equipment storage and the Giao truck maintenance areas of the Site. The highest PCE impact in soil gas sampling collected onsite was identified in the Giao tuck maintenance area at a concentration of 600 micrograms per cubic meter ($\mu g/m^3$), still below the commercial CHHSL value of 603 $\mu g/m^3$.

- One soil gas boring (SG-16) was placed to assess historic operation impact, if any, of the onsite paint storage shed. There were no detectable concentrations of any VOC compounds above the laboratory reporting limit. Therefore, no impacts from historic operations were found at this location.
- Four deep soil borings and groundwater sampling locations (HS-1 through HS-4) were completed at the Site to assess potential groundwater impact at the Site. TPH reported as diesel in all groundwater samples collected onsite exceeded the California Maximum Contaminant Levels (MCLs) for drinking water.

Based on a review of the Phase II investigative results summarized in AMEC reports (AMEC, 2006b and 2007), URS recommended the following sampling activities in support of Site construction activities:

- URS proposed additional soil sampling within the old automotive garage at the locations of Hoists #1 and #2. During the Phase II investigation, soil samples (B-37 and B-38) were collected outside the building in the vicinity of the hoists as a result of lack of accessibility inside the building. No detectable concentrations of VOCs and TPH were documented. During the Phase II investigation, two soil gas samples (SG-1 and SG-2) were collected next to Hoists #1 and #2. No detectable concentrations of VOCs were reported. Soil sampling is proposed in the hoists area to fill the data gap.
- Based on field observation, the truck wash facility appears to include five bays. However, based on review of the Phase II investigation results, only one soil sample (B-14) was collected at the northern most wash bay. URS recommended that all five bays be sampled. Therefore, soil samples B-51 through B-54 were proposed to be placed to observed cracks on the pavement.
- Based on the Phase II investigation results, AMEC recommended an area measuring approximately 40 feet by 10 feet inside the new automotive garage to be excavated because of elevated TPH detection. The western extent of TPH-impacted soil has not been defined. As a result, URS recommended boring B-58 to provide further delineation.
- URS recommended one soil boring (B-59) within the former paint storage shed area to investigate potential historic impact.
- URS recommended one soil boring (B-55) to be completed at the eastern boundary of the abandoned-in-place waste oil UST. During the Phase II investigation, three soil samples (B-9, B-19, and B-20) and one soil gas sample (SG-3) were completed in the area of the former UST. Soil sample detections were low. Soil gas sample detected tetrachloroethene (PCE) at a concentration of 0.24 µg/L.
- AMEC completed one to two soil borings adjacent to each of the onsite underground clarifiers and grease tanks during the Phase II investigation. URS recommended the completion of five additional borings (B-46 to B-50) in the vicinity of these facilities.

- URS recommended additional soil sampling (B-43 to B-45) within the areas of exposed soil onsite in the Giao Trucking Maintenance area and the Demolition Debris Storage area.
- Based on a review of the Phase I, residential houses located on the southwestern corner of the Site appear to have been constructed prior to the 1970s. The residential houses appear to be located on exposed soil. As a result, URS recommended shallow soil sampling (B-60 to B-65) at the drip lines of the structures to identify areas of potential LBP impact.
- Based on a review of the Phase I, URS recommended soil sampling (B-66) adjacent to the onsite transformer to identify any impact from potentially PCB-containing transformer operation.

The Phase II field investigation, conducted on October 4 and 5, 2007, consisted of soil sampling to further assess potential impacts associated with current and prior Site operations. The rationale for each sampling location, sampling depth, and analytical parameters are summarized by area of potential concern in Table 1. Discussions of the soil sampling results are presented in Section 4.3. The soil sampling locations are shown on Figure 4.

The following sections describe the pre-field activities, investigative methods and procedures, the analytical program, and field documentation for the Phase II. Selected photographs taken during the Phase II fieldwork are included in Appendix A.

3.1 PRE-FIELD ACTIVITIES

Prior to beginning fieldwork, sampling locations were marked in the field and Underground Services Alert (USA) was notified of the intent to conduct subsurface investigations at least two working days prior to initiation of intrusive field tasks. At each planned sampling location using, a geophysical survey, using a magnetometer, was also conducted to help identify subsurface lines and other features/obstructions.

3.2 SOIL SAMPLING AND ANALYSIS

Soil sampling was conducted on October 4 and 5, 2007, under the oversight of a URS engineer and/or geologist. The soil sampling was predominantly conducted using hand-auger/drive-sampler equipment or a direct-push rig. The hand-auger sampling and the direct-push sampling was conducted by Strongarm Environmental Field Services (Strongarm) of Norwalk, California.

3.2.1 Soil Sampling Procedures

The following sections describe the soil sampling methodology that was used at the Site during the Phase II.

3.2.1.1 Hand-Auger/Drive Sampler Soil Sampling

For the first 5 feet in each soil boring, and for borings shallower than 5 feet bgs, hand-auger equipment was utilized for soil sampling. The equipment consisted of a 3.5-inch diameter earth auger attached to a 4-foot long T-bar, which was turned by hand. As the depth of the boring increased, additional drill bars were attached. For collection of soil samples, the auger was removed and replaced with a sampling device, consisting of a steel penetration shoe attached to a sliding hammer. The shoe was equipped with one 6-inch long, 2-inch diameter stainless-steel sample liner. To collect soil samples, the shoe and liner were driven with the sliding hammer into the undisturbed soil. After the sampler was driven approximately 6 inches, the shoe was removed from the boring, and the sample liners were removed from the shoe and sealed on both ends with Teflon™ sheeting and plastic caps.

During drilling and soil sampling activities, a photoionization detector (PID) was used to monitor the concentration of organic vapors in the borings, screen soil samples, and monitor the workers' breathing zone for health and safety purposes. The data were used as an immediate indicator of

volatile organic vapors in subsurface materials. The PID was calibrated in order to display concentration in units equivalent to parts per million (ppm). A span gas containing isobutylene at 100 ppm in air was used to set the sensitivity. The readings were recorded on the boring logs, as discussed below in Section 3.2.1.4.

3.2.1.2 Direct-Push Soil Sampling

Direct-push sampling at the Site was conducted using the Largebore system. The Largebore sampler used outer drive rods attached to the top of the sampler with inner rods to insure a drive point and piston remained in place as the assembly was advanced. The entire assembly was driven into the subsurface using the percussion of the direct-push rig. Once the desired depth was achieved, a final drive rod was added without the inner rod. This allowed the drive point to retract into the sample tube as the sampler was advanced for one final push and the sample collects in the sleeve. The tool chain was then extracted from the boring and the sample sleeve was removed from the sample tube. A new sleeve was placed in the sample tube and the procedure was repeated.

During soil sampling activities, a PID was used for health and safety monitoring and field screening of soil samples.

3.2.1.3 VOC Soil Sampling

VOC soil samples collected were preserved in the field using TerraCore™ in accordance with EPA Method 5035 by using three VOA vials with sodium bisulfate and methanol. Laboratory-certified VOC-free water-filled VOA vials were also available onsite if Site soil effervesced with the sodium bisulfate solution.

3.2.1.4 Soil Description

During hand-auger and direct-push drilling operations, boring logs were completed by an engineer or a geologist under the supervision of a California Professional Engineer. The following sampling information was recorded on each boring log: boring number and location; drilling method; sample identification numbers; date and time; sample depth; lithologic description in general accordance with the Unified Soil Classification System (USCS) including soil type, particle size and distribution, color (using the Munsell soil color chart), and moisture content; description of any visible evidence of soil contamination (i.e., discoloration, unusual odors, etc.); and PID readings. Copies of the boring logs are provided in Appendix B.

3.2.1.5 Sample Handling Procedures

To identify and manage the soil samples obtained in the field, each sample container was labeled with the sample identification number (which consisted of the boring number and sample depth) and date and time of collection. Following collection and labeling, the sample containers were placed in clear, plastic, leak-resistant bags, then were immediately placed in a sample cooler with ice for temporary storage until delivery to the offsite laboratory.

3.2.1.6 Decontamination and Backfill

Prior to each sampling event, the soil sampling equipment was washed in a non-phosphate cleaning solution and rinsed with tap water and final rinsed with distilled water. The decontamination water generated during sampling activities was placed in United Nations (UN)-rated 55-gallon drums and handled as described in Section 3.3 below.

Once sampling was completed, the borings were backfilled with bentonite crumbles to grade and hydrated. The surface was restored to match existing conditions.

3.2.2 Soil Sample Chemical Analysis

Offsite analytical services for the Phase II soil samples were provided by Calscience Environmental Laboratories, Inc. (Calscience) of Garden Grove, California. Calscience is accredited by the Cal/EPA Department of Health Services, Environmental Laboratory Accreditation Program (ELAP). The soil samples were transferred to the offsite laboratories under chain-of-custody procedures and analyses were requested on COC records. Copies of the COCs for the soil samples delivered to the offsite laboratories are included with the laboratory reports in Appendix C.

The Phase II soil matrix analytical program is summarized in Table 1. The following samples were collected and analyzed as part of the Phase II soil matrix investigation:

- Twenty-four soil samples for Title 22 metals by EPA Methods 6010B and 7471A (22 primary samples and two duplicates)
- Seven soil samples for lead only by EPA Method 6010B (six primary samples and one duplicate)
- Four soil samples for STLC lead
- Thirty soil samples for TPHcc (26 primary samples and four duplicates)
- Twenty-four soil samples for VOCs (22 primary samples and two duplicates), and
- Two soil samples for PCBs (one primary sample and one duplicate)

3.3 INVESTIGATION-DERIVED WASTE (IDW) MANAGEMENT

Soil cuttings and decontamination water generated during sampling activities were placed in UN-rated drums, properly labeled, and stored in a secured area onsite pending profiling and lawful disposal. Based on analytical results of the Phase II, the soil cuttings (one drum) and decontamination water (one drum) were profiled as non-Resource Conservation and Recovery Act (non-RCRA) California hazardous waste and transported offsite on October 30, 2007 for disposal at the US Ecology facility in Beatty, Nevada.

Copies of the IDW disposal manifests are included in Appendix D.

3.4 HSP IMPLEMENTATION

URS prepared a site-specific Health and Safety Plan (HSP). The plan was prepared in accordance with the requirements of Title 29 Code of Federal Regulations, Section 5192. URS field personnel reviewed the HSP prior to commencing fieldwork. Daily site safety briefings were conducted to identify potential physical and chemical hazards and outline measures to be taken in the event of an emergency. All onsite personnel were required to sign the daily safety briefing form and had received proper Hazardous Waste Operator and Emergency Response Training.

During soil sampling activities, the workers' breathing zone was monitored for organic vapors using a PID as required by the HSP. Based on the breathing zone PID measurements, all personnel within the exclusion zone wore appropriate Level D personal protective equipment (PPE).

No incidents or emergency actions occurred during the field program.

This section discusses the field data and analytical results of the Phase II sampling and analysis programs implemented by URS and provides an assessment of the nature and extent of contamination associated with current and historic Site operations. For all field duplicate samples, the maximum concentration detected in either the primary or duplicate sample has been used to represent the presence of the analyte in the sample.

4.1 SUBSURFACE CONDITIONS

During the Phase II field investigations, soil borings were completed to a maximum depth of 15 feet bgs. Logs for Phase II soil borings are presented in Appendix B. The soil boring locations are shown on Figure 4. Shallow soils beneath the paved portion of the Site to approximately 3 to 4 feet bgs consist of fill, predominantly sandy silts and silty sands. Native soils at the Site consist predominantly of fine to coarse grained sand with intermittent layers of silty sands and sandy silts.

PID readings generally ranged from 0 to 15 ppm. Unusual odors associated with the soils were noticed at boring location B-52, located adjacent to a large crack in the concrete in the truck wash area.

The nature and extent of the impacted soils are discussed in detail in Section 4.3 below.

4.2 PHASE II ANALYTICAL RESULTS

The soil analytical results for samples collected by URS during the Phase II are summarized in the following subsections.

The soil analytical results are summarized in Table 2. Comprehensive tables listing all analytes and reporting limits for the Phase II are provided in Appendix E. The laboratory reports for the soil samples prepared by Calscience are provided in Appendix C.

The following is a summary of the Phase II analytical results for the soil matrix analytical program. The areas of impacted soil are discussed in Section 4.3.

4.2.1 Title 22 Metals

Thirteen of the 17 Title 22 metals (all except antimony, selenium, silver, and thallium) were detected in one or more of the Phase II soil samples analyzed for various metals. The following is a summary of the metals results for the additional Phase II soil samples:

Detected Metal	Number of Samples	Number of Detections	Maximum Concentration (mg/kg)	Sample with Maximum Concentration	Sample Date	Sample Depth (feet bgs)
Arsenic	22	12	6.55	B-53-1	10/5/2007	1
Barium	22	22	115	B-53-1	10/5/2007	1
Beryllium	22	8	0.477	B-43-0	10/4/2007	0
Cadmium	22	1	0.945	B-43-0	10/4/2007	0
Chromium	22	22	21.3	B-43-0	10/4/2007	0
Cobalt	22	22	8.07	B-54-1	10/5/2007	1

Detected Metal	Number of Samples	Number of Detections	Maximum Concentration (mg/kg)	Sample with Maximum Concentration	Sample Date	Sample Depth (feet bgs)
Copper	22	22	20.3	B-52-1	10/5/2007	1
Lead	28	28	98.2	B-64-0	10/4/2007	0
Mercury	22	2	0.128	B-52-1	10/5/2007	1
Molybdenum	22	10	3.46	B-43-0	10/4/2007	0
Nickel	22	22	14.2	B-43-0	10/4/2007	0
Vanadium	22	22	35.7	B-43-0	10/4/2007	0
Zinc	22	22	84.3	B-54-1	10/5/2007	1

Onsite metals concentrations were compared to published background metals concentrations as reported in AMEC's report dated December 1, 2006. Detected metals concentrations were also compared to published screening levels, including the CHHSLs (Cal/EPA, 2005) and USEPA Region IX Preliminary Remediation Goals (PRGs; USEPA, 2004) for residential and commercial soils. Detected lead concentrations were also compared to the DTSC screening value of 255 mg/kg derived from the DTSC LeadSpread model (Version 7.0). These preliminary soil screening levels for metals used for delineation purposes only are summarized in Table 3.

To evaluate potential waste classifications of the impacted soils upon removal, four samples were analyzed for STLC for lead. The maximum concentration of soluble lead was detected in sample B-65-0 at a concentration of 7.17 milligrams per liter (mg/L).

The significance of the soluble metals results is discussed in Section 4.3.

4.2.2 Total Petroleum Hydrocarbons

During the Phase II, TPHcc was detected in five of the 26 soil samples analyzed. Only one sample had a TPH concentration over 1,000 mg/kg (1,400 mg/kg detected at ground surface in Boring B-45-0 within the Giao trucking maintenance area). Carbon-chain lengths ranging from C_{15} to C_{44} were detected in the soil sample.

The analytical results are presented by carbon-chain length in Table E-3 of Appendix E.

4.2.3 Volatile Organic Compounds

VOCs were detected in seven of the 22 samples analyzed for VOCs during the Phase II.

The VOC detections were as follows:

Detected VOC	Number of Samples	Number of Detections	Maximum Concentration (mg/kg)	Sample with Maximum Concentration	Sample Date	Sample Depth (feet bgs)
Acetone	22	4	0.073	B-43-0	10/4/2007	0
Benzene	22	3	0.0013	B-44-0.5	10/4/2007	0.5
Chloroethane	22	1	0.0027	B-52-5	10/5/2007	5
Toluene	22	1	0.0052	B-52-1	10/5/2007	1

throughout the Site at locations with exposed and stained soil (Figure 4). TPHcc detections ranged from 5.1 mg/kg to 1,700 mg/kg. Low concentrations of VOCs, primarily benzene, toluene, ethylbenzene, and total xylenes (BTEX) were detected in borings B-28 and B-30 at concentrations below the residential PRGs. Phenol was detected in boring B-34 at a depth of 15 and 20 feet bgs at concentrations of 0.92 mg/kg and 0.79 mg/kg, respectively, below the residential PRG level of 18,000 mg/kg. Metals detections were low, below levels of concern. Based on the Phase II investigation, the Site appears to be free of impact from the historic operations of the grease trap UST.

Exposed Soil (Residential Property) – During the Phase II, six soil borings (B-60 through B-65) were advanced at the drip lines of the residential houses to evaluate potential presence of LBP in soil (Figure 4). Lead was detected in at concentrations ranging from 25.2 mg/kg to 98.2 mg/kg. Soluble lead (STLC) analysis performed on soil samples with total lead concentrations exceeding 50 mg/kg ranged from 4.59 mg/L to 7.17 mg/L. Based on the Phase II investigation, onsite soils near the residential homes appear to have been impacted with past use of LBP.

5.1 FINDINGS AND CONCLUSIONS

The City of Anaheim proposed Power Generation/Peaker Site consists of three parcels and occupies approximately 9 acres. The Site is developed with single-family residences along a portion of Miraloma Avenue and commercial and light industrial facilities on the remainder of the Site.

Based on the current and historical land uses, soil gas, soil, and groundwater sampling activities were conducted by URS and EMAC to evaluate the potential of hazardous materials releases and to delineate the areas of identified impact.

Based on the Phase II investigations, the following findings regarding the environmental status of the Site were made:

- Shallow, exposed soil on the Giao trucking maintenance area appears to have been impacted by petroleum hydrocarbon use in past operations.
- Shallow, exposed soil on the residential properties appears to have been impacted by past use of LBP on the residential homes.
- Soil surrounding the hydraulic hoists located in the new automotive garage appears to have been impacted with past use of petroleum related products to depths beyond the Site assessment scope. The area of petroleum hydrocarbon and SVOC impacts appear to be limited to the new automotive garage footprint.
- Groundwater beneath the Site is impacted with TPH at concentrations exceeding level protective of groundwater.

5.2 RECOMMENDATIONS

Based on the findings and conclusions of the Phase II, the following recommendations are presented in support of Site construction activities:

- Prior to Site redevelopment, onsite underground structures including septic tanks, USTs, clarifiers, and hydraulic hoists, should be properly removed and disposed. Additional confirmation testing may be required.
- Develop a soil management plan to address soil impacted with metals, SVOCs, and/or TPHcc at concentrations above the preliminary screen levels to protect human health and the environment. Because of the STLC lead concentration exceeding 5 mg/L, shallow soil within the residential properties may be classified as hazardous waste for disposal purposes if excavated.
- Develop a post-excavation confirmation sampling plan to assure the proper removal of impacted soil.

AMEC Earth & Environmental, Inc. (AMEC), 2006a. *Phase I Environmental Site Assessment, Proposed Power Generation/Peaker Site, 3051, 3065 and 3071 East Miraloma Avenue, APN's 344-221-03, 344-221-04, and 344-221-09, Anaheim, California 92806.* November 20.

AMEC, 2006b. *Limited Phase II Subsurface Soil Assessment, 3051, 3065 and 3071 East Miraloma Avenue, Anaheim, California 92806.* December 1.

AMEC, 2007. *Additional Phase II Subsurface Assessment, 3051, 3065 & 3071 East Miraloma Avenue, Anaheim, California 92806.* May 4.

California Environmental Protection Agency (Cal/EPA), 2005. *Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties.* January.

USEPA, 2004. Region 9 Preliminary Remediation Goals (PRGs). Online database (www.epa.gov/region09/waste/sfund/prg/).

TABLE 1
SUMMARY OF SOIL SAMPLING AND ANALYSIS PROGRAM
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California

Location	Sampling Rationale / Comments	Sampling Location ID	Sample Depth	Sample ID	Analytical Program	Field Duplicates
Demolition Debris Storage	Evaluate potential impacts from historic operations on exposed soil surface.	B-43	0	B-43-0	Title 22 metals, VOCs, TPHcc	B-43-0D (Title 22 metals, VOCs, TPHcc)
			5	B-43-5	Hold	
			10	B-43-10	Hold	
			15	B-43-15	Hold	
Giao Trucking Maintenance Area	Evaluate potential impacts from historic operations on exposed soil surface.	B-44	0.5	B-44-0.5	Title 22 metals, VOCs, TPHcc	
			5	B-44-5	Hold	
			10	B-44-10	Hold	
		B-45	0	B-45-0	Title 22 metals, VOCs, TPHcc	
			5	B-45-5	TPHcc	B-45-5D (TPHcc)
			10	B-45-10	Hold	
			17	B-45-17	Hold	
Guard Shack	Evaluate potential impacts from historic operation of a clarifier. Previous borings B-15 and B-16 were placed to the north and south of the clarifer.	B-46	1	B-46-1	Hold	
			5	B-46-5	Title 22 metals, VOCs, TPHcc	
			10	B-46-10	Hold	
			14.5	B-46-14.5	Hold	
North-South Trending Ice House	Evaluate potential impacts from historic operation of a clarifier. Previous boring B-25 was placed to the north of the clarifer.	B-47	1	B-47-1	Hold	
			5	B-47-5	Title 22 metals, VOCs, TPHcc	
			9.5	B-47-9.5	Hold	
			15	B-47-15	Hold	
East-West Trending Ice House	Evaluate potential impacts from historic operation of a clarifier. Previous borings B-22 and B-23 were placed to the northeast and southwest of the clarifer.	B-48	1	B-48-1	Hold	
			5	B-48-5	Title 22 metals, VOCs, TPHcc	
			10	B-48-10	Hold	
			15	B-48-15	Hold	
Truck Wash with Grease Bins	Evaluate potential impacts from historic operation of a clarifier. Previous borings B-12 and B-13 were placed to the northeast and southwest of the clarifer.	B-49	1	B-49-1	Hold	
			5	B-49-5	Title 22 metals, VOCs, TPHcc	
			10	B-49-10	Hold	
			15	B-49-15	Hold	
	Evaluate potential impacts from historic operation of a grease bin. Previous boring B-21 was placed to the northwest of the grease bin.	B-50	1	B-50-1	Hold	
			5	B-50-5	Title 22 metals, VOCs, TPHcc	
			10	B-50-10	Title 22 metals, VOCs, TPHcc	
			15	B-50-15	Hold	

TABLE 1
SUMMARY OF SOIL SAMPLING AND ANALYSIS PROGRAM
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California

Location	Sampling Rationale / Comments	Sampling Location ID	Sample Depth	Sample ID	Analytical Program	Field Duplicates
Truck Wash with Grease Bins	Evaluate potential impacts from historic operation of the truck wash. Borings are placed adjacent to cracks in the pavement. Previous boring B-14 was placed within the northern most truck wash facility.	B-51	1	B-51-1	Title 22 metals, VOCs, TPHcc	
			5	B-51-5	Title 22 metals, VOCs, TPHcc	B-51-5D (Title 22 metals, VOCs, TPHcc)
			10	B-51-10	Hold	
			15	B-51-15	Hold	
		B-52	1	B-52-1	Title 22 metals, VOCs, TPHcc	
			5	B-52-5	Title 22 metals, VOCs, TPHcc	
			10	B-52-10	Hold	
			15	B-52-15	Hold	
		B-53	1	B-53-1	Title 22 metals, VOCs, TPHcc	
			5	B-53-5	Title 22 metals, VOCs, TPHcc	
			10	B-53-10	Hold	
			15	B-53-15	Hold	
		B-54	1	B-54-1	Title 22 metals, VOCs, TPHcc	
			5	B-54-5	Title 22 metals, VOCs, TPHcc	
			10	B-54-10	Hold	
			15	B-54-15	Hold	
Abandoned Waste Oil UST	Evaluate potential impacts from historic operation of the previously abandoned-in-place UST. Previous borings B-9, B-19, and B-20 were placed on three sides of the UST.	B-55	1	B-55-1	Hold	
			5	B-55-5	Title 22 metals, VOCs, TPHcc	
			10	B-55-10	Title 22 metals, VOCs, TPHcc	
			15	B-55-15	Hold	
Old Automotive Garage with 4 Hoists & Floor Drains	Evaluate potential impacts from historic operation of hoist #2. Soil gas sample at the location was non-detect.	B-56	1	B-56-1	Hold	
			5	B-56-5	Title 22 metals, VOCs, TPHcc	
			9.5	B-56-9.5	Hold	
			15	B-56-15	Hold	
	Evaluate potential impacts from historic operation of hoist #1. Soil gas sample at the location was non-detect.	B-57	1	B-57-1	Hold	
			5	B-57-5	Title 22 metals, VOCs, TPHcc	
			9.5	B-57-9.5	Hold	
			15	B-57-15	Hold	
New Automotive Garage with 5 Hoists	Evaluate western boundary of the proposed Area 1 excavation.	B-58	1	B-58-1	TPHcc	
			5	B-58-5	TPHcc	
			10	B-58-10	TPHcc	B-58-10D (TPHcc)
			15	B-58-15	TPHcc	
Paint Storage Shed	Evaluate potential impacts from historic operation of the paint storage shed.	B-59	1	B-59-1	Title 22 metals, VOCs	
			5	B-59-5	Hold	
			12	B-59-12	Hold	
			15	B-59-15	Hold	

TABLE 1
SUMMARY OF SOIL SAMPLING AND ANALYSIS PROGRAM
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California

Location	Sampling Rationale / Comments	Sampling Location ID	Sample Depth	Sample ID	Analytical Program	Field Duplicates
Residential Houses	Evaluate potential impacts from lead-based paint.	B-60	0	B-60-0	Lead	
			1	B-60-1	Hold	
			3	B-60-3	Hold	
		B-61	0	B-61-0	Lead, STLC	
			1	B-61-1	Hold	
			3	B-61-3	Hold	
		B-62	0	B-62-0	Lead, STLC	
			1	B-62-1	Hold	
			3	B-62-3	Hold	
		B-63	0	B-63-0	Lead	
			1	B-63-1	Hold	
			3	B-63-3	Hold	
		B-64	0	B-64-0	Lead	B-64-0D (Lead, STLC)
			1	B-64-1	Hold	B-64-1D (Hold)
			3	B-64-3	Hold	B-64-3D (Hold)
		B-65	0	B-65-0	Lead, STLC	
			1	B-65-1	Hold	
			3	B-65-3	Hold	
Onsite transformer	Evaluate potential impacts from historic operation of the transformer.	B-66	1	B-66-1	PCB	B-66-1D (PCB)
			3	B-66-3	Hold	
			5	B-66-5	Hold	

Notes:
Title 22 metals by EPA Method 6010B/7471A.
VOCs (volatile organic compounds) by EPA Method 8260B/5035. VOC samples proposed for anlaysis will be collected in Terra™ Core samplers.
TPHcc (total petroleum hydrocarbons with carbon chain for C7 to C44) by EPA Method 8015M.
PCBs (polychlorinated biphenyls) by EPA Method 8082.

TABLE 2
SUMMARY OF DETECTIONS - SOIL SAMPLING
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California

Boring ID:		B-43		B-44	B-45			B-46	B-47	B-48	B-49	B-50	
Sample ID:		B-43-0	B-43-0D	B-44-0.5	B-45-0	B-45-5	B-45-5D	B-46-5	B-47-5	B-48-5	B-49-5	B-50-5	B-50-10
Sample Date:		10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/05/07	10/05/07	10/05/07	10/05/07	10/04/07	10/04/07
Sample Depth (ft bgs):		0	0	0.5	0	5	5	5	5	5	5	5	10
Metals													
Arsenic	mg/kg	5.51	5.11	4.53	5.40	-	-	1.30	ND (<0.750)	ND (<0.750)	ND (<0.750)	0.917	ND (<0.750)
Barium	mg/kg	96.2	93.0	71.0	86.2	-	-	56.5	44.6	16.7	38.5	18.6	36.0
Beryllium	mg/kg	0.477	0.455	0.359	0.311	-	-	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)
Cadmium	mg/kg	ND (<0.500)	0.945	ND (<0.500)	ND (<0.500)	-	-	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)
Chromium	mg/kg	21.3	20.4	12.5	12.4	-	-	5.50	4.54	3.02	3.67	3.67	3.91
Cobalt	mg/kg	6.18	5.81	5.72	5.25	-	-	3.57	2.92	1.86	2.61	2.49	1.99
Copper	mg/kg	15.7	15.1	15.4	13.4	-	-	5.96	3.78	2.32	2.33	2.74	2.53
Lead	mg/kg	4.35	3.47	23.4	15.7	-	-	2.05	1.24	0.867	0.676	0.857	0.965
Mercury	mg/kg	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	-	-	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)
Molybdenum	mg/kg	3.46	3.03	0.451	1.40	-	-	0.257	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	0.757
Nickel	mg/kg	14.2	13.8	9.72	10.9	-	-	4.51	3.40	2.25	2.83	2.94	2.12
Vanadium	mg/kg	35.7	33.3	23.4	26.6	-	-	13.6	10.8	6.90	9.17	9.63	7.59
Zinc	mg/kg	60.7	58.3	63.6	49.3	-	-	33.6	28.6	11.0	26.3	14.5	20.2
STLC Metals													
Lead	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
PCBs													
Aroclor	ug/kg	-	-	-	-	-	-	-	-	-	-	-	-
TPHcc													
C11-C12	mg/kg	ND	ND	0.74	ND	ND	ND	ND	ND	ND	ND	ND	ND
C13-C14	mg/kg	0.82	0.32	0.29	ND	ND	ND	ND	ND	ND	ND	ND	ND
C15-C16	mg/kg	0.69	0.43	1.2	2.9	ND	0.026	ND	ND	ND	ND	ND	ND
C17-C18	mg/kg	0.39	0.30	1.3	9.5	0.71	0.39	ND	ND	ND	ND	ND	ND
C19-C20	mg/kg	0.52	0.25	1.9	23	1.7	0.55	ND	ND	ND	ND	ND	ND
C21-C22	mg/kg	0.78	0.23	2.2	35	2.9	1.0	ND	ND	ND	ND	ND	ND
C23-C24	mg/kg	1.2	0.67	2.8	37	3.4	1.5	ND	ND	ND	ND	ND	1.8
C25-C28	mg/kg	2.5	2.4	13	150	14	3.9	ND	ND	ND	ND	ND	0.12
C29-C32	mg/kg	4.8	4.2	26	330	28	6.7	ND	ND	ND	ND	ND	ND
C33-C36	mg/kg	5.0	3.6	26	320	26	5.7	ND	ND	ND	ND	ND	ND
C37-C40	mg/kg	2.6	0.93	22	290	30	4.0	ND	ND	ND	ND	ND	ND
C41-C44	mg/kg	3.4	1.2	28	220	32	7.2	ND	ND	ND	ND	ND	ND
C7-C44 Total	mg/kg	23	14	130	1400	140	31	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
VOCs													
Acetone	ug/kg	ND (<50)	73	69	ND (<45)	-	-	ND (<48)	ND (<48)	ND (<53)	ND (<52)	ND (<53)	ND (<50)
Benzene	ug/kg	ND (<1.0)	ND (<1.1)	1.3	ND (<0.89)	-	-	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)
Chloroethane	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	-	-	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)
Toluene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	-	-	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)

TABLE 2
SUMMARY OF DETECTIONS - SOIL SAMPLING
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California

Boring ID:		B-51			B-52		B-53		B-54		B-55		B-56
Sample ID:		B-51-1	B-51-5	B-51-5D	B-52-1	B-52-5	B-53-1	B-53-5	B-54-1	B-54-5	B-55-5	B-55-10	B-56-5
Sample Date:		10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/04/07	10/04/07	10/04/07
Sample Depth (ft bgs):		1	5	5	1	5	1	5	1	5	5	10	5
Metals													
Arsenic	mg/kg	**2.90**	**0.807**	ND (<0.750)	**4.28**	ND (<0.750)	**6.55**	ND (<0.750)	**3.05**	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)
Barium	mg/kg	**90.7**	**22.7**	**18.3**	**76.8**	**18.8**	**115**	**39.7**	**101**	**22.9**	**21.5**	**20.6**	**20.0**
Beryllium	mg/kg	**0.396**	ND (<0.250)	ND (<0.250)	**0.406**	ND (<0.250)	**0.356**	ND (<0.250)	**0.417**	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)
Cadmium	mg/kg	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)
Chromium	mg/kg	**14.0**	**3.94**	**3.16**	**15.3**	**3.61**	**13.0**	**3.44**	**15.3**	**4.21**	**4.10**	**4.18**	**3.78**
Cobalt	mg/kg	**7.37**	**2.62**	**2.13**	**7.53**	**2.57**	**7.39**	**2.49**	**8.07**	**2.78**	**2.55**	**2.42**	**2.58**
Copper	mg/kg	**15.7**	**2.81**	**2.26**	**20.3**	**2.55**	**15.7**	**2.66**	**17.9**	**3.89**	**3.05**	**2.93**	**2.80**
Lead	mg/kg	**7.21**	**1.26**	**0.739**	**15.6**	**0.628**	**40.0**	**0.643**	**10.9**	**0.943**	**0.949**	**1.27**	**1.01**
Mercury	mg/kg	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	**0.128**	ND (<0.0835)	**0.0957**	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)
Molybdenum	mg/kg	**0.802**	ND (<0.250)	ND (<0.250)	**0.334**	ND (<0.250)	**1.52**	ND (<0.250)	**0.559**	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)
Nickel	mg/kg	**11.4**	**3.03**	**2.43**	**11.3**	**2.68**	**11.2**	**2.74**	**12.1**	**3.22**	**3.10**	**3.19**	**2.87**
Vanadium	mg/kg	**30.1**	**10.0**	**8.45**	**30.3**	**10.1**	**28.1**	**8.97**	**31.0**	**10.5**	**9.56**	**9.03**	**10.1**
Zinc	mg/kg	**69.9**	**16.4**	**13.3**	**78.9**	**15.2**	**72.6**	**26.1**	**84.3**	**18.4**	**15.6**	**14.4**	**16.9**
STLC Metals													
Lead	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
PCBs													
Aroclor	ug/kg	-	-	-	-	-	-	-	-	-	-	-	-
TPHcc													
C11-C12	mg/kg	**0.36**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C13-C14	mg/kg	**1.3**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C15-C16	mg/kg	**1.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C17-C18	mg/kg	**0.84**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C19-C20	mg/kg	**1.2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C21-C22	mg/kg	**0.97**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C23-C24	mg/kg	**0.43**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.5**	ND
C25-C28	mg/kg	**0.10**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.14**	ND
C29-C32	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C33-C36	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C37-C40	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C41-C44	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C7-C44 Total	mg/kg	**6.7**	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
VOCs													
Acetone	ug/kg	**59**	ND (<47)	ND (<52)	ND (<41)	ND (<53)	**41**	ND (<51)	ND (<40)	ND (<52)	ND (<51)	ND (<50)	ND (<54)
Benzene	ug/kg	**0.99**	ND (<0.95)	ND (<1.0)	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	**1.2**	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)
Chloroethane	ug/kg	ND (<1.6)	ND (<1.9)	ND (<2.1)	ND (<1.7)	**2.7**	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)
Toluene	ug/kg	ND (<0.82)	ND (<0.95)	ND (<1.0)	**5.2**	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)

TABLE 2
SUMMARY OF DETECTIONS - SOIL SAMPLING
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California

Boring ID:		B-57	B-58					B-59	B-60	B-61	B-62	B-63	B-64		B-65	B-66	
Sample ID:		B-57-5	B-58-1	B-58-5	B-58-10	B-58-10D	B-58-15	B-59-1	B-60-0	B-61-0	B-62-0	B-63-0	B-64-0	B-64-0D	B-65-0	B-66-1	B-66-1D
Sample Date:		10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07
Sample Depth (ft bgs):		5	1	5	10	10	15	1	0	0	0	0	0	0	0	1	1
Metals																	
Arsenic	mg/kg	**0.989**	-	-	-	-	-	**2.53**	-	-	-	-	-	-	-	-	-
Barium	mg/kg	**27.1**	-	-	-	-	-	**73.3**	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	ND (<0.250)	-	-	-	-	-	**0.352**	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	ND (<0.500)	-	-	-	-	-	ND (<0.500)	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	**4.73**	-	-	-	-	-	**11.9**	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	**3.02**	-	-	-	-	-	**6.55**	-	-	-	-	-	-	-	-	-
Copper	mg/kg	**3.90**	-	-	-	-	-	**13.2**	-	-	-	-	-	-	-	-	-
Lead	mg/kg	**2.08**	-	-	-	-	-	**24.6**	**25.2**	**66.1**	**70.4**	**27.0**	**86.4**	**98.2**	**90.2**	-	-
Mercury	mg/kg	ND (<0.0835)	-	-	-	-	-	ND (<0.0835)	-	-	-	-	-	-	-	-	-
Molybdenum	mg/kg	ND (<0.250)	-	-	-	-	-	**0.630**	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	**3.70**	-	-	-	-	-	**9.72**	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	**11.6**	-	-	-	-	-	**25.3**	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	**18.9**	-	-	-	-	-	**60.5**	-	-	-	-	-	-	-	-	-
STLC Metals																	
Lead	mg/L	-	-	-	-	-	-	-	-	**4.59**	**5.68**	-	-	**6.94**	**7.17**	-	-
PCBs																	
Aroclor	ug/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (<50)	ND (<50)
TPHcc																	
C11-C12	mg/kg	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-
C13-C14	mg/kg	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-
C15-C16	mg/kg	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-
C17-C18	mg/kg	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-
C19-C20	mg/kg	**0.12**	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-
C21-C22	mg/kg	**0.40**	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-
C23-C24	mg/kg	**0.80**	ND	ND	**1.6**	**2.8**	**1.2**	-	-	-	-	-	-	-	-	-	-
C25-C28	mg/kg	**1.8**	ND	ND	**0.14**	**0.12**	**0.062**	-	-	-	-	-	-	-	-	-	-
C29-C32	mg/kg	**0.85**	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-
C33-C36	mg/kg	**0.32**	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-
C37-C40	mg/kg	**0.081**	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-
C41-C44	mg/kg	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-
C7-C44 Total	mg/kg	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	-	-	-	-	-	-	-	-	-	-
VOCs																	
Acetone	ug/kg	ND (<50)	-	-	-	-	-	ND (<50)	-	-	-	-	-	-	-	-	-
Benzene	ug/kg	ND (<1.0)	-	-	-	-	-	ND (<0.99)	-	-	-	-	-	-	-	-	-
Chloroethane	ug/kg	ND (<2.0)	-	-	-	-	-	ND (<2.0)	-	-	-	-	-	-	-	-	-
Toluene	ug/kg	ND (<1.0)	-	-	-	-	-	ND (<0.99)	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF DETECTIONS
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California

Notes:

--	Analysis not applicable or necessary
ft bgs	feet below ground surface
ND	Analyte not detected above corresponding Reporting Limit provided in parentheses
(<1)	Corresponding Reporting Limit

Analytes:

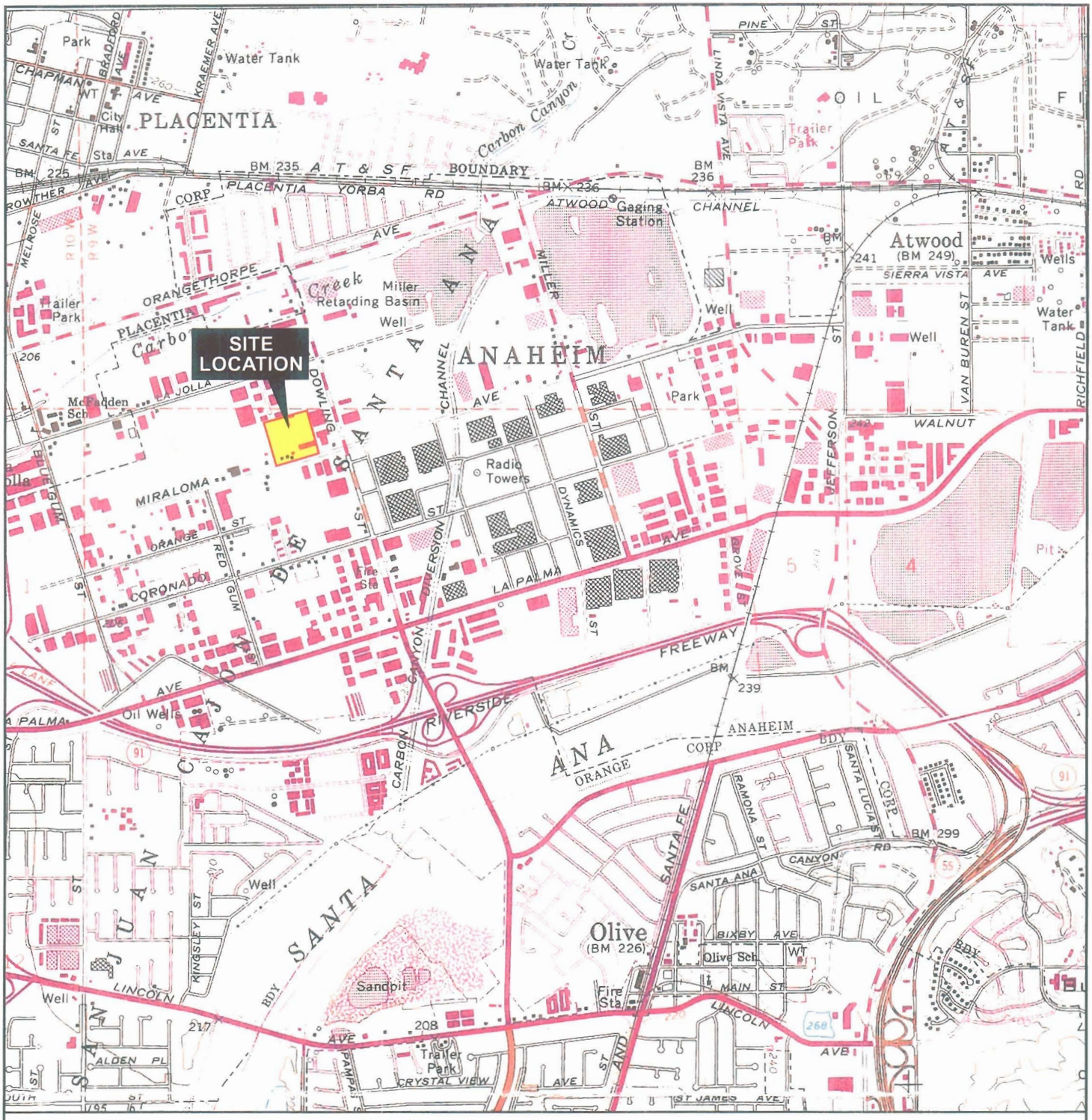
Metals	Title 22 Metals by EPA Method 6010B
STLC	Soluble Threshold Limit Concentration
PCBs	Polychlorinated Biphenyls by EPA Method 8082
TPHcc	Total Petroleum Hydrocarbons by carbon chain by EPA Method 8015M
VOCs	Volatile Organic Compounds by EPA Method 8260B (soil samples prepared by EPA Method 5035).
mg/kg	milligrams per kilogram
ug/kg	microgram per kilogram
mg/L	milligrams per liter

TABLE 3
PRELIMINARY SOIL SCREENING LEVELS
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California

Screening Level:		URS Phase II Site-Specific Maximum Concentration	Overall Site-Specific Maximum Concentration	Residential CHHSL	Commercial CHHSL	Residential PRG	Commercial PRG	Preliminary Screening Level For Use in Delineation of Impacted Soil	Comment / Rationale for Screening Level
Metals									
Antimony	mg/kg	ND	ND	30	380	31	410	30	CHHSL
Arsenic	mg/kg	6.55	6.55	0.07	0.24	0.062	0.25	--	Published background level concentrations cited in AMEC report dated December 1, 2006.
Barium	mg/kg	115	115	5,200	63,000	5,400	67,000	5,200	CHHSL
Beryllium	mg/kg	0.477	0.477	150	1,700	150	1,900	150	CHHSL and PRG
Cadmium	mg/kg	0.945	1.4	1.7	7.5	37	450	37	PRG value
Chromium	mg/kg	21.3	21.3	100,000 (CrIII)	100,000 (CrIII)	210	450	210	PRG value
Cobalt	mg/kg	8.07	9.71	660	3,200	900	1,900	660	CHHSL
Copper	mg/kg	20.3	39.5	3,000	38,000	3,100	41,000	3,000	CHHSL
Lead	mg/kg	98.2	98.2	150	3,500	150	800	255	DTSC screening value derived from the DTSC LeadSpread model (Version 7.0)
Mercury	mg/kg	0.128	0.128	18	180	23	310	18	CHHSL
Molybdenum	mg/kg	3.46	3.46	380	4,800	390	5,100	380	CHHSL
Nickel	mg/kg	14.2	14.2	1,600	16,000	1,600	20,000	1,600	CHHSL
Selenium	mg/kg	ND	ND	380	4,800	390	5,100	380	CHHSL
Silver	mg/kg	ND	0.755	380	4,800	390	5,100	380	CHHSL
Thallium	mg/kg	ND	2.05	5.0	63	5.2	67	5.0	CHHSL
Vanadium	mg/kg	35.7	35.7	530	6,700	78	1,000	530	CHHSL
Zinc	mg/kg	84.3	224	23,000	100,000	23,000	100,000	23,000	CHHSL
Total Petroleum Hydrocarbons									
TPHcc	mg/kg	1400	21,000	--	--	--	--	1,000	Protection of groundwater
VOCs									
Acetone	mg/kg	0.073	ND	--	--	14,000	54,000	14,000	Residential PRG
Benzene	mg/kg	0.0013	ND	--	--	0.64	1.4	0.64	Residential PRG
Chloroethane	mg/kg	0.0027	ND	--	--	3.0	6.5	3.0	Residential PRG
Ethylbenzenen	mg/kg	ND	0.010	--	--	400	400	400	Residential PRG
Methylene Chloride	mg/kg	ND	0.014	--	--	9.1	21	9.1	Residential PRG
Tetrachloroethene	mg/kg	ND	0.022	--	--	0.48	1.3	0.48	Residential PRG
Toluene	mg/kg	0.0052	0.025	--	--	520	520	520	Residential PRG
Total Xylenes	mg/kg	ND	0.071	--	--	270	420	270	Residential PRG

Notes:

CHHSL	California Human Health Screening Level (California Environmental Protection Agency, January 2005)
mg/kg	milligrams per kilogram
PRG	U.S. Environmental Protection Agency Region IX Preliminary Remediation Goal (October 2004)
TPHcc	Total Petroleum Hydrocarbons reported by carbon chain



Reference: USGS 7.5 Minute Series Orange, CA Quad, Photorevised 1981

SITE LOCATION MAP

Project No.: 28906973	Date: OCTOBER 2007	Project: City of Anaheim Proposed Power Generation/Peaker Site	Figure 1

k:/2007/anaheimpower/fig 1.ai

URS

1360 HUNDLEY
1361 HUNDLEY
HUNDLEY STREET
ASPHALT PARKING
1351 HUNDLEY
PAVED ROADWAY & PARKING
THE GAS COMPANY
1350 HUNDLEY
NEW GARAGE/ REPAIR SHOP
SONFARREL, INC. 3000-3010 HUNDLEY
SHED
CONCRETE
TRUCK WASH
APN 34422105
KOHN-MEGIBOW CO./ CROWN ZELLERBACH CORP./ DELTA POLYMER CO.
1331 & 1341 N. KRAEMER BLVD.
KRAEMER BOULEVARD
TENANT: GAIO TRUCKING
OLD GARAGE/ REPAIR SHOP
APN 34422104
ORANGE COUNTY FOOD SERVICE, INC.
ICE HOUSE
CONCRETE PAD
PAVED ROADWAY
ICE HOUSE
APN 34422111
PAVED PARKING
GAIO MAINTENANCE STRUCTURES
CONCRETE
APN 34422106
LUMBER COMPANY
1321 N. KRAEMER BLVD.
VENDING MACHINE STORAGE
APN 34422102
PAVED PARKING
FORMER MEAT MARKET
VENDING
TENANT: S&K VENDING
GUARD SHACK
EXECULIFT, INC.
3081 E. MIRALOMA AVE.
RESTAURANT
PARKING FOR ORANGE COUNTY FOOD SERVICE EMPLOYEES
BAKERY
TENANT: D&S BAKERY
WAREHOUSE
APN 34422107
PAVED ROADWAY & PARKING
PAVED PARKING
GARAGE
KITCHEN
ACCESS ROAD
ACCESS ROAD
OFFICES
APN 34422108
SHED
TENANT: NEITO & SONS TRUCKING 3065 E. MIRALOMA AVE.
TOWER
TENANT: WILSON HAULING/ DEMOLITION DEBRIS TEMPORARY STORAGE
3055 E. MIRALOMA AVE.
RESIDENCE 3053 E. MIRALOMA AVE.
MIRALOMA AVENUE
APN 34422110
TIME WARNER CABLE
3041 E. MIRALOMA AVE.
SUNWEST ELECTRIC
3064 E. MIRALOMA AVE.
PROJECT BOUNDARY
3060 E. MIRALOMA AVE.
HERTZ EQUIPMENT RENTALS
3040 E. MIRALOMA AVE.
SUNCREST COMMUNICATIONS
3010 E. MIRALOMA AVE.
SD

EXPLANATION

- PROJECT BOUNDARY
- BUILDING FOOTPRINT
- CHAIN LINK FENCE
- GRAVEL AREA
- BARE SOIL AREA
- SD — STORM DRAIN
- STORM DRAIN CATCH BASIN

N

SCALE: 1" = 100'

Reference: U.S.G.S. Aerial Photo dated January 2006

URS Corporation

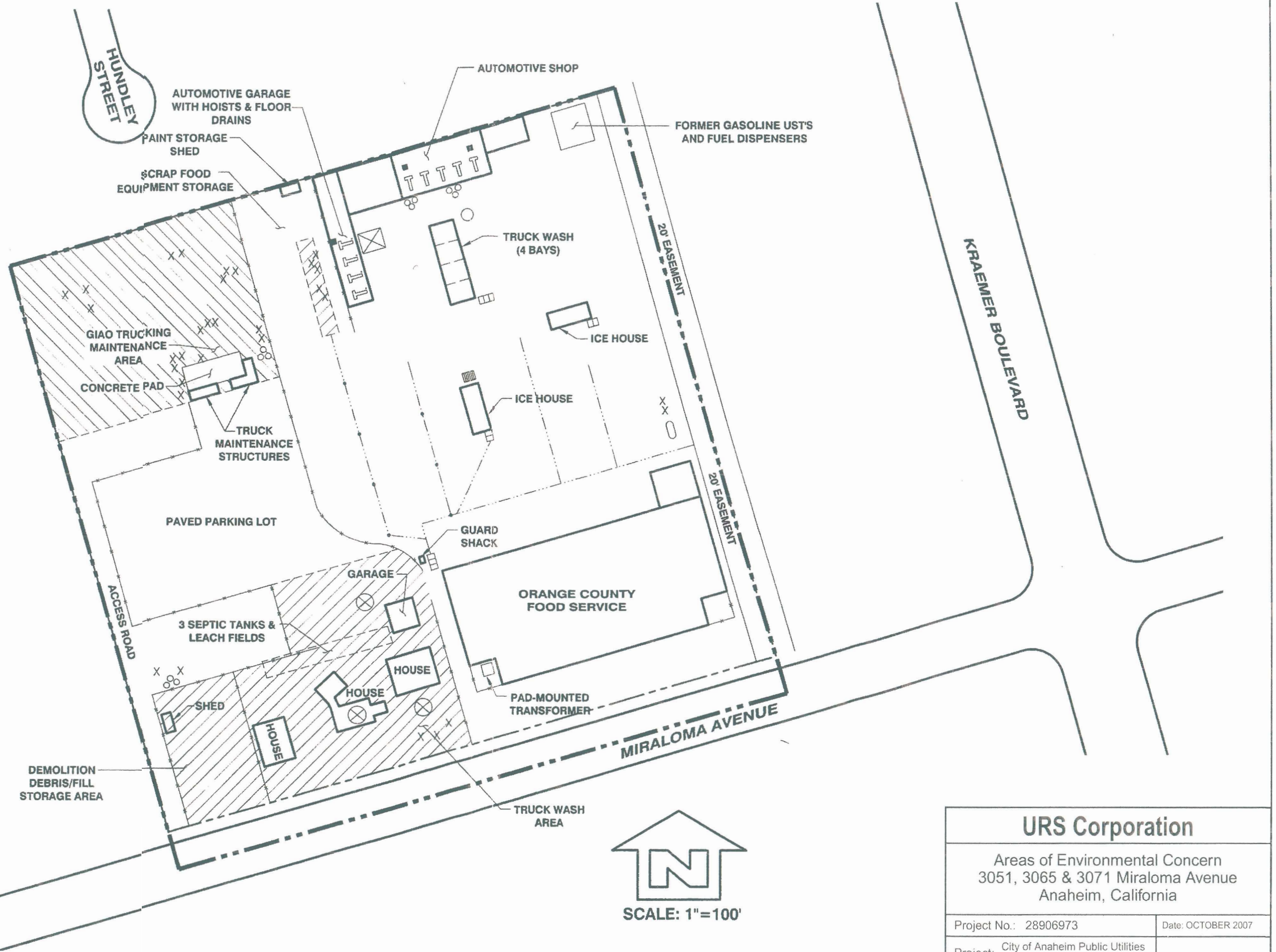
Aerial Photo
3051, 3065 & 3071 Miraloma Avenue
Anaheim, California

Project No.: 28906973	Date: OCTOBER 2007
Project: City of Anaheim Proposed Power Generation/Peaker Site	Figure 2

URS

EXPLANATION

- PROJECT BOUNDARY
- CHAIN LINK FENCE
- DRAIN LINE
- GRAVELLY SAND
- BARE GROUND (UNPAVED)
- 3-STAGE CLARIFIER
- 2-STAGE CLARIFIER
- STAINED SOIL
- DRUM STORAGE (55 gal. CAPACITY)
- HYDRAULIC OIL RESERVOIR
- HYDRAULIC PISTON HOIST
- CONCRETE PATCH (ABANDONED WASTE OIL UST)
- GREASE TRAP TANK
- PROPANE TANK
- BURIED CONCRETE CISTERN (APROXIMATE LOCATIONS
- CARDBOARD COMPACTOR
- FLOOR DRAINS



Source: AMEC Earth & Environmental, Inc.

URS Corporation

Areas of Environmental Concern
3051, 3065 & 3071 Miraloma Avenue
Anaheim, California

Project No.: 28906973	Date: OCTOBER 2007
Project: City of Anaheim Public Utilities Proposed Power Generation/ Peaker Site	Figure 3

URS

EXPLANATION

- B-26 ◎ AMEC GEOPROBE SOIL BORING
- B-45 ● APPROXIMATE LOCATIONS OF URS SAMPLING BORINGS (OCTOBER 2007)
- ☒ CONCRETE PATCH (ABANDONED WASTE OIL UST)

HUNDLEY STREET

NEW AUTOMOTIVE GARAGE WITH 5 HOISTS

OLD AUTOMOTIVE GARAGE WITH 4 HOISTS & FLOOR DRAINS

PAINT STORAGE SHED

FORMER GASOLINE UST'S AND FUEL DISPENSERS

20' EASEMENT

KRAEMER BOULEVARD

TRUCK WASH WITH GREASE BINS

(BARE GROUND)

GIAO TRUCKING MAINTENANCE AREA

CONCRETE PAD

TRUCK MAINTENANCE STRUCTURES

ICE HOUSE

ICE HOUSE

PAVED PARKING LOT

GUARD SHACK

GARAGE

ORANGE COUNTY FOOD SERVICE

ACCESS ROAD

HOUSE

HOUSE

HOUSE

DEMOLITION DEBRIS STORAGE

MIRALOMA AVENUE

PROJECT BOUNDARY

B-1 B-2 B-3 B-4 B-5 B-6 B-7 B-8 B-9 B-10 B-11 B-12 B-13 B-14 B-15 B-16 B-17 B-18 B-20 B-21 B-22 B-23 B-24 B-25 B-26 B-27 B-28 B-29 B-30 B-31 B-32 B-33 B-34 B-35 B-36 B-37 B-38 B-39 B-40 B-41 B-42 B-43 B-44 B-45 B-46 B-47 B-48 B-49 B-50 B-51 B-52 B-53 B-54 B-55 B-56 B-57 B-58 B-59 B-60 B-61 B-62 B-63 B-64 B-65 B-66

N

SCALE: 1"=100'

Source: AMEC Earth & Environmental, Inc.

URS Corporation

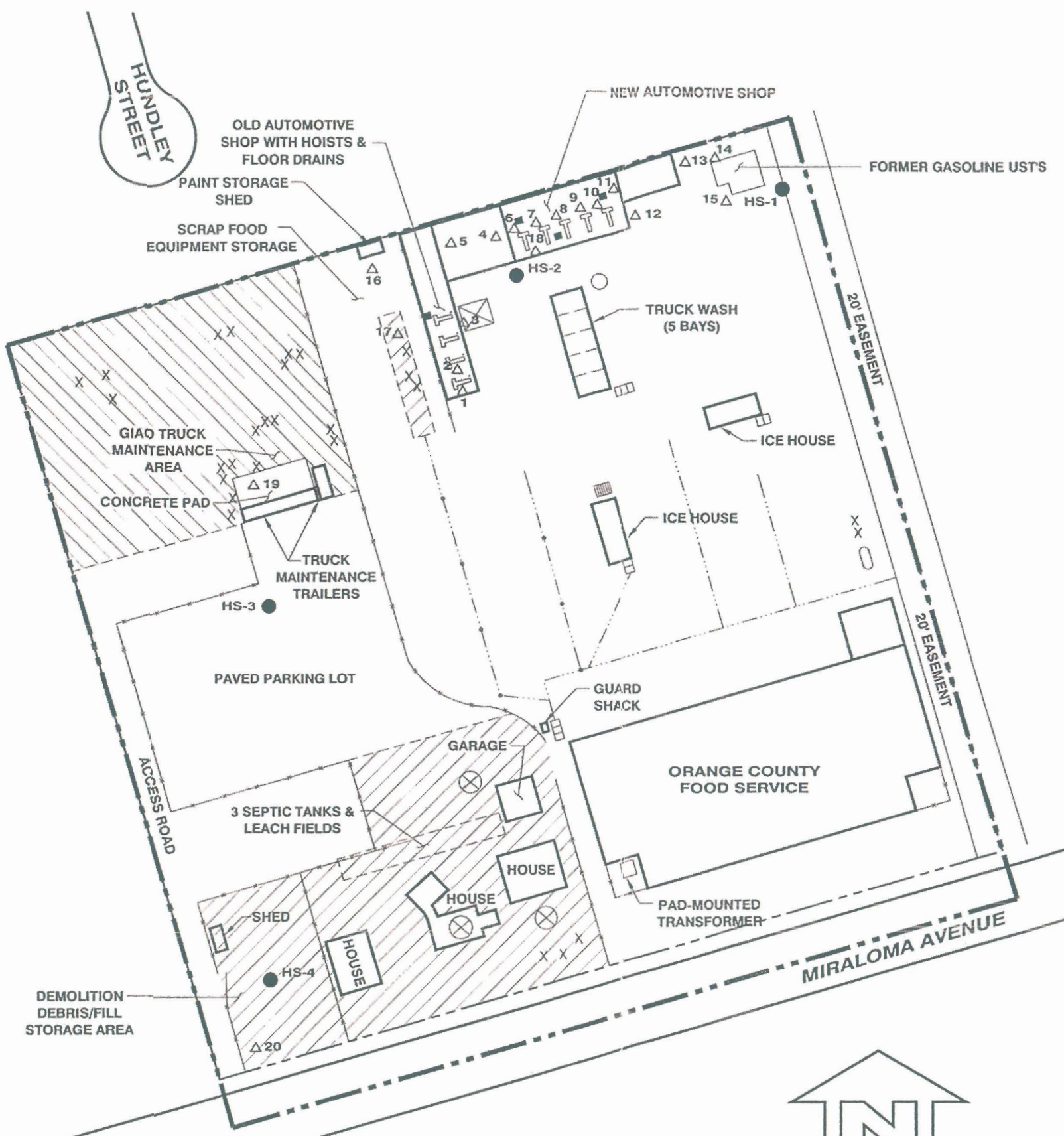
Soil Boring Location Map
3051, 3065 & 3071 Miraloma Avenue
Anaheim, California

Project No.: 28906973	Date: OCTOBER 2007
Project: City of Anaheim Public Utilities Proposed Power Generation/ Peaker Site	Figure 4

URS

EXPLANATION

- PROJECT BOUNDARY
- CHAIN LINK FENCE
- DRAIN LINE
- GRAVELLY SAND
- BARE GROUND (UNPAVED)
- 3-STAGE CLARIFIER
- 2-STAGE CLARIFIER
- STAINED SOIL
- HYDRAULIC OIL TANK
- HYDRAULIC PISTON HOIST
- CONCRETE PATCH (ABANDONED WASTE OIL UST)
- GREASE TRAP TANK
- PROPANE TANK
- BURIED CONCRETE CISTERN (APROXIMATE LOCATIONS
- CARDBOARD COMPACTOR
- • FLOOR DRAINS
- 1 △ SOIL GAS PROBE LOCATION
- HS-1 ● HOLLOW STEM AUGER BORING (SOIL AND GROUNDWATER SAMPLE COLLECTED)



Source: AMEC Earth & Environmental, Inc.

URS Corporation

Soil Gas Survey & Hollow Stem Auger Locations
3051, 3065 & 3071 Miraloma Avenue
Anaheim, California

Project No.: 28906973	Date: OCTOBER 2007
Project: City of Anaheim Proposed Power Generation/Peaker Site	Figure 5

URS

Photograph 1

View to east of residential area from the demolition debris storage.

Photograph 2

View to north of borings B-58 and B-27.

Photograph 3

View to north Giao trucking maintenance area.

Photograph 4

View to north of the eastern most ice house and borings B-22, B-23, and B-48.

Photograph 5

View to north of transformer

Photograph 6

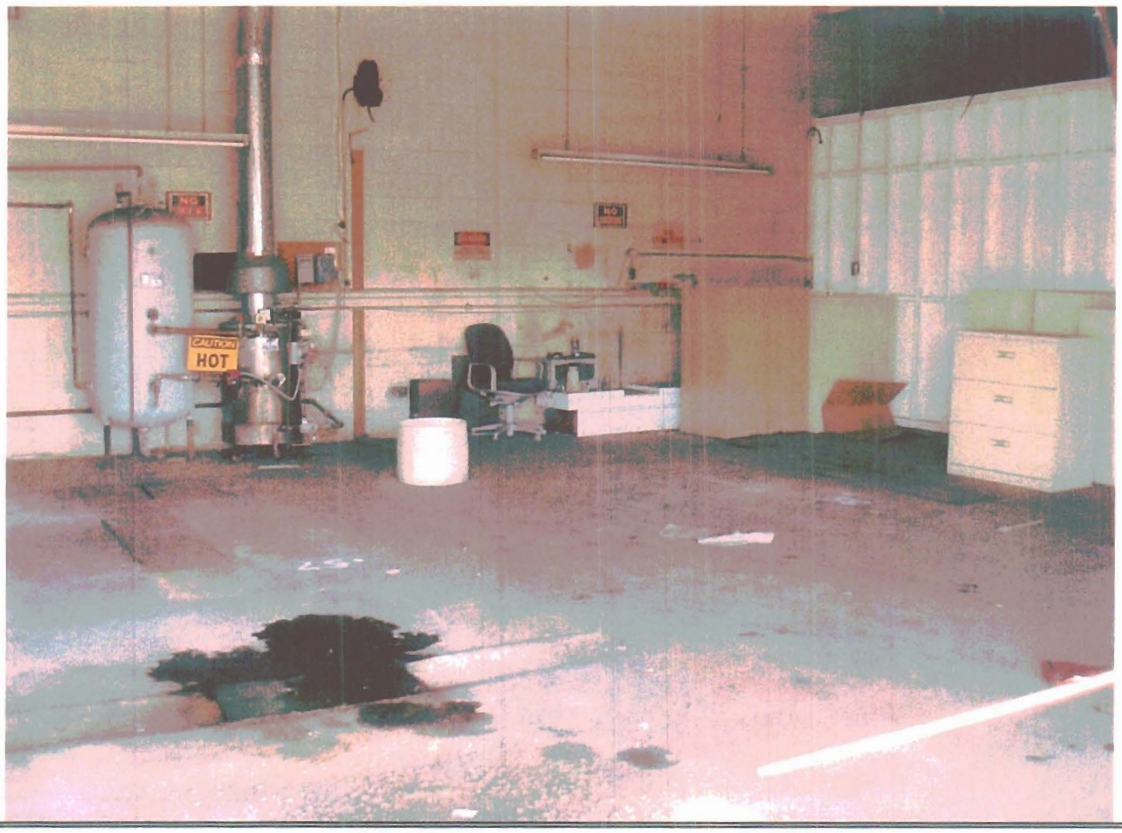
View to northwest of the southern ice house and borings B-25 and B-47.

Photograph 7

View to north of the former paint-storage shed area and boring B-59.

Photograph 8

View to south of the truck waste with grease bins area and borings B-21 and B-50.



Photograph 9

View to west of southern end of the old automotive garage with 2 hoists and borings B-56 and B-57.

Project: City of Anaheim Proposed Power Generation / Peaker Site Project Location: 3701 Miraloma Ave, Anaheim CA Project Number: 28906973.02004	**Key to Log of Borings** Sheet 1 of 1

SAMPLES									
Depth, feet	Type	Number	Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample time	REMARKS
1	2	3	4	5	6	7	8	9	10

COLUMN DESCRIPTIONS

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

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

3 **Sample Number:** Sample identification number.

4 **Inches Recovered** Inches recovered in sampler over inches driven.

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

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

7 **OVA Headspace:** Organic vapor analyzer detector field sample headspace reading in parts per million (ppm)

8 **OVA Background:** Organic vapor analyzer detector background reading in parts per million (ppm)

9 **Sample Time:** Time in 24-hour clock during downhole advance recorded when samples collected and other field activities performed.

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

TYPICAL MATERIAL GRAPHIC SYMBOLS


SAND (SP)


Sand with silt (SP-SM)


Silty SAND (SM)


CLAY (CL)


Clayey SAND (SC)


SILT (ML)


Silty to clayey SAND (SC-SM)


GRAVEL (GP)

TYPICAL SAMPLER GRAPHIC SYMBOLS


Sample Run


No Recovery


Slidehammer / Largebore

OTHER GRAPHIC SYMBOLS

—— Visually identifiable change in lithology

– – – Inferred contact between strata or gradational change in lithology

▽ Water level measurement collected after well development.

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.

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-43

Sheet 1 of 1

Date(s) Drilled: 10/4/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 16.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES Type	Number	Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0		B-43-0	6/6		Olive brown (2.5Y 4/3), Silty fine SAND (SM), moist, no staining or unusual odor			0950	Hand auger to 5 ft bgs.
		B-43-0D	6/6			6.8	0.4	0955	
					Light yellowish brown (2.5Y 6/3), fine to coarse SAND (SP), moist, no staining or unusual odor				
			19/24						Begin Largebore sampling
5		B-43-5				5.7	0.1	1015	
			22/24		Light olive brown (2.5Y 5/3), fine to medium SAND with Silt (SP-SM), moist, no staining or unusual odor				
10		B-43-10				6.5	0.1	1025	
			16/24						
15		B-43-15			Becomes olive brown (2.5Y 4/3), Silty fine Sand (SM)	7.5	0.1	1034	
					Completed boring to 16 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-44

Sheet 1 of 1

Date(s) Drilled: 10/4/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 16.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES Type	Number	Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0									Hand auger to 5 ft bgs.
		B-44-0.5	4/6		Olive brown (2.5Y 4/3), fine Sandy SILT with Gravel (ML), moist, slight hydrocarbon odor, brick fragments	6.1	0.3	0900	
					Brick no longer present				
					Very dark grayish brown (2.5Y 3/2), Silty fine SAND with Gravel (SM), moist, no staining or unusual odor				
					Becomes brown (10YR 4/3)				
5		B-44-5	6/6		Light olive brown (2.5Y 5/3), fine to medium SAND with Silt (SP-SM), moist, no staining or unusual odor	8.3	0.4	0930	Begin Largebore sampling
			19/24		Light yellowish brown (2.5Y 6/3), fine to coarse SAND (SP), moist, no staining or unusual odor				
10		B-44-10				7.1	0.4	0935	
			0/24						
15									
					Completed boring to 16 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-45

Sheet 1 of 1

Date(s) Drilled: 10/4/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 18.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES Type	Number	Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0		B-45-0	3/6		Gravel Surface Light olive brown (2.5Y 5/3), GRAVEL with Sand (GP), dry, no staining or unusual odor	2.9	0.0	0745	Hand auger to 5 ft bgs.
					Light olive brown (2.5Y 5/3),Silty fine to medium SAND (SM), moist, gravel no longer present				
					Becomes olive brown (2.5Y 4/3)				
5		B-45-5	6/6			5.3	0.1	0805	Begin Largebore sampling
		B-45-5D	6/6					0810	
			16/24		Light yellowish brown (2.5Y 6/3), fine to coarse SAND (SP), moist, no staining or unusual odor				
10		B-45-10				8.8	0.3	0826	
			0/24						
15			15/24		With Gravel				
		B-45-17				8.6	0.3	0840	
					Completed boring to 18 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-46

Sheet 1 of 1

Date(s) Drilled: 10/5/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 16.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES: Type	Number	Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0					8.5 inches Concrete				Hand auger to 5 ft bgs.
		B-46-1	6/6		Olive brown (2.5Y 4/3), Silty fine to medium SAND (SM), moist, no staining or unusual odor	7.0	0.1	1015	
					Increase in coarse sand				
					Becomes fine to coarse sand, decrease in silt				
5		B-46-5	6/6			1.0	0.1	1020	Begin Largebore sampling
			18/24		Light yellowish brown (2.5Y 6/3), fine to coarse SAND with Silt (SP-SM)				
10		B-46-10				0.7	0.1	1030	
			14/24						
15		B-46-14.5				1.1	0.0	1040	
					Completed boring to 16 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-47

Sheet 1 of 1

Date(s) Drilled: 10/5/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 16.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES: Type	Number	Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0					6 inches Concrete				Hand auger to 5 ft bgs.
		B-47-1	6/6		Olive brown (2.5Y 4/3), Silty fine SAND (SM), moist, no staining or unusual odor	5.4	0.0	1050	
5		B-47-5	6/6		Light olive brown (2.5Y 5/3), fine to medium SAND with Silt (SP-SM)	1.6	0.0	1055	Begin Largebore sampling
			13/24		Becomes fine to coarse sand				
10		B-47-9.5				3.0	0.0	1100	
			15/24						
15		B-47-15				2.7	0.0	1105	
					Completed boring to 16 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-48

Sheet 1 of 1

Date(s) Drilled	10/5/2007	Logged By	C. Shen	Checked By	J. Liles PG
Drilling Method	Hand Auger / Direct Push	Drilling Contractor	Strongarm Environmental	Total Depth of Borehole (feet)	16.0
Drill Rig Type	DT5400	Borehole Diameter (inches)	3 1/2"	Approx. Surface Elevation (feet msl)	
Groundwater Level and Date Measured		Sampler Type	Slidehammer / Largebore	Borehole Backfill	Hydrated Bentonite
Comments					

Elevation, feet MSL / Depth, feet	SAMPLES Type	Number	Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0					5.5 inches Concrete				Hand auger to 5 ft bgs.
		B-48-1	6/6		Olive brown (2.5Y 4/3), Silty fine SAND (SM), moist, no staining or unusual odor	5.9	0.1	0950	
					Light yellowish brown (2.5Y 6/3), fine to coarse SAND (SP), moist, no staining or unusual odor				
5		B-48-5	6/6			9.0	0.3	0953	Begin Largebore sampling
			20/24						
10		B-48-10				6.9	0.1	1000	
					Light yellowish brown (2.5Y 6/3), fine to coarse SAND with Silt (SP-SM), moist, no staining or unusual odor				
			16/24						
15		B-48-15				7.3	0.1	1003	
					Completed boring to 16 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-49

Sheet 1 of 1

Date(s) Drilled: 10/5/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 16.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0					10.5 inches Concrete				Hand auger to 5 ft bgs.
		B-49-1	6/6		Dark olive brown (2.5Y 3/3), Silty fine SAND (SM), moist, no staining or unusual odor	9.0	0.6	0915	
					Light yellowish brown (2.5Y 6/3), fine to medium SAND with Silt (SP-SM)				
5		B-49-5	6/6			9.3	0.9	0920	Begin Largebore sampling
			15/24						
10		B-49-10			Light yellowish brown (2.5Y 6/3),Silty fine SAND (SM)	9.2	0.6	0925	
					Light yellowish brown (2.5Y 6/3), fine to coarse SAND with Silt (SP-SM)				
			19/24						
15		B-49-15			Olive brown (2.5Y 4/3), Silty fine SAND (SM)				
					Light yellowish brown (2.5Y 6/3), fine to coarse SAND with Silt (SP-SM)	9.4	0.6	0930	
					Completed boring to 16 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-50

Sheet 1 of 1

Date(s) Drilled: 10/4/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 16.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES Type	Number	Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0					9 inches Concrete				Hand auger to 5 ft bgs.
		B-50-1	6/6		Light olive brown (2.5Y 5/3), Silty fine SAND (SM), moist, no staining or unusual odor	0.0	0.0	1426	
5		B-50-5	6/6		Light yellowish brown (2.5Y 6/3), fine to medium SAND (SP)	4.1	0.0	1435	Begin Largebore sampling
10		B-50-10	16/24		Light yellowish brown (2.5Y 6/3), fine to coarse SAND with Silt (SP-SM)	6.2	0.0	1445	
15		B-50-15	16/24			8.0	0.0	1450	
					Completed boring to 16 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-51

Sheet 1 of 1

Date(s) Drilled: 10/5/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 16.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES: Type	Number	Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0					6.5 inches Concrete				Hand auger to 5 ft bgs.
		B-51-1	6/6		Olive brown (2.5Y 4/3), fine Sandy SILT (ML), moist, no staining or unusual odor	3.8	0.0	0705	
					Light olive brown (2.5Y 5/3), fine to coarse SAND (SP), moist, no staining or unusual odor				
5		B-51-5	6/6			6.8	0.0	0715	Begin Largebore sampling
		B-51-5D	6/6					0718	
			22/24		Becomes light yellowish brown (2.5Y 6/3)				
10		B-51-10				5.2	0.0	0725	
					Light olive brown (2.5Y 5/3), fine to coarse SAND with Silt (SP-SM)				
			18/24						
15		B-51-15				4.5	0.0	0730	
					Completed boring to 16 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-52

Sheet 1 of 1

Date(s) Drilled: 10/5/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 16.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES Type	SAMPLES Number	SAMPLES Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0					6 inches Concrete				Hand auger to 5 ft bgs.
		B-52-1	6/6		Olive brown (2.5Y 4/3), Silty fine SAND (SM), moist, sewage/sludge staining and odor at 1-1.5 ft bgs	7.8	0.0	0740	
					Odor no longer present				
5		B-52-5	6/6		Light olive brown (2.5Y 5/3), fine to medium SAND (SP), moist, no staining or unusual odor	8.8	0.1	0750	Begin Largebore sampling
			22/24		Becomes light yellowish brown (2.5Y 6/3)				
		B-52-10				8.0	0.3	0755	
10									
			14/24		Light yellowish brown (2.5Y 6/3), fine to coarse SAND with Silt (SP-SM)				
15		B-52-15				5.5	0.3	0800	
					Completed boring to 16 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-53

Sheet 1 of 1

Date(s) Drilled: 10/5/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 16.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES Type	Number	Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0					6 inches Concrete				Hand auger to 5 ft bgs.
		B-53-1	6/6		Olive brown (2.5Y 4/3), Silty fine SAND (SM), moist, no staining or unusual odor	5.4	0.2	0810	
5		B-53-5	6/6		Light olive brown (2.5Y 5/3), fine to coarse SAND (SP), moist, no staining or unusual odor	7.6	0.1	0815	Begin Largebore sampling
			19/24						
10		B-53-10			Olive brown (2.5Y 4/3), Sandy SILT (ML), moist, no staining or unusual odor	7.6	0.4	0825	
			15/24		Light olive brown (2.5Y 5/3), fine to coarse SAND (SP)				
15		B-53-15				5.2	0.4	0830	
					Completed boring to 16 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-54

Sheet 1 of 1

Date(s) Drilled: 10/5/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 16.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES: Type	Number	Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0					6 inches Concrete				Hand auger to 5 ft bgs.
		B-54-1	6/6		Olive brown (2.5Y 4/3), Sandy SILT (ML), moist, no staining or unusual odor	6.8	0.5	0840	
5		B-54-5	6/6		Light olive brown (2.5Y 5/3), fine to medium SAND (SP)	7.0	0.5	0845	Begin Largebore sampling
			19/24		Light yellowish brown (2.5Y 6/3), fine to coarse SAND with Silt (SP-SM)				
10		B-54-10			Olive brown (2.5Y 4/3), Sandy SILT (ML)	7.3	0.5	0855	
			14/24		Light yellowish brown (2.5Y 6/3), fine to coarse SAND with Silt (SP-SM)				
15		B-54-15				5.0	0.5	0900	
					Completed boring to 16 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-55

Sheet 1 of 1

Date(s) Drilled: 10/4/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 16.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES: Type	Number	Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0					8 inches Concrete				Hand auger to 5 ft bgs.
		B-55-1	6/6		Light olive brown (2.5Y 5/3), Silty fine SAND (SM), moist, no staining or unusual odor	12.3	0.0	1234	
5		B-55-5	6/6		Light olive brown (2.5Y 5/3), fine to coarse SAND (SP)	11.0	0.0	1240	Begin Largebore sampling
			17/24		Same as above				
10		B-55-10				10.1	0.0	1245	
			15/24						
15		B-55-15			Same as above	8.8	0.0	1250	
					Completed boring to 16 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-56

Sheet 1 of 1

Date(s) Drilled: 10/4/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 16.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0					7 inches Concrete				Hand auger to 5 ft bgs.
		B-56-1	6/6		Olive brown (2.5Y 4/4), Sandy SILT (ML), moist, no staining or unusual odor	3.4	0.0	1305	
5		B-56-5	6/6		Light yellowish brown (2.5Y 6/3), fine to medium SAND with Silt (SP-SM)	9.2	0.0	1313	Begin Largebore sampling
			12/24		Same as above				
10		B-56-9.5				10.5	0.0	1323	
			18/24						
15		B-56-15			Same as above	8.4	0.1	1325	
					Completed boring to 16 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-57

Sheet 1 of 1

Date(s) Drilled: 10/4/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 16.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0					7 inches Concrete				Hand auger to 5 ft bgs.
		B-57-1	6/6		Light olive brown (2.5Y 5/4), Silty fine SAND (SM), moist, no staining or unusual odor	5.2	0.0	1333	
5		B-57-5	6/6			10.7	0.0	1340	Begin Largebore sampling
					Light yellowish brown (2.5Y 6/3), fine to coarse SAND (SP)				
		B-57-9.5	12/24			6.4	0.0	1400	
10					Same as above				
			18/24		Light yellowish brown (2.5Y 6/3), fine to medium SAND with Silt (SP-SM)	7.3	0.0	1405	
15		B-57-15							
					Completed boring to 16 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-58

Sheet 1 of 1

Date(s) Drilled: 10/4/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 16.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL	Depth, feet	SAMPLES Type	SAMPLES Number	SAMPLES Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
	0					6 inches Concrete				Hand auger to 5 ft bgs.
			B-58-1	6/6		Dark grayish brown (2.5Y 4/2), fine Sandy SILT (ML), moist, no staining or unusual odor	3.3	0.0	1155	
						Light yellowish brown (2.5Y 6/3), Silty fine SAND (SM)				
	5		B-58-5	6/6		Light yellowish brown (2.5Y 6/3), fine to medium SAND (SP)	8.0	0.0	1207	Begin Largebore sampling
				19/24						
	10		B-58-10 B-58-10D			Same as above	8.7	0.0	1218	
				21/24						
	15		B-58-15			Light olive brown (2.5Y 5/3), Silty fine SAND (SM)	6.8	0.0	1220	
						Completed boring to 16 feet bgs.				
	20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-59

Sheet 1 of 1

Date(s) Drilled: 10/4/2007	Logged By: C. Shen	Checked By: J. Liles PG
Drilling Method: Hand Auger / Direct Push	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 16.0
Drill Rig Type: DT5400	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer / Largebore	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0					9 inches Concrete				Hand auger to 5 ft bgs.
		B-59-1	6/6		Light olive brown (2.5Y 5/3), Silty fine SAND (SM), moist, no staining or unusual odor	8.7	0.1	1055	
			24/24		Light yellowish brown (2.5Y 6/3), fine to medium SAND (SP), moist, no staining or unusual odor				Begin Largebore sampling
5		B-59-5				2.9	0.0	1115	
			0/24		Becomes fine to medium sand				
10			15/24		Becomes fine to coarse sand				
		B-59-12				6.9	0.0	1125	
			22/24						
15		B-59-15			Same as above	6.9	0.0	1130	
					Completed boring to 16 feet bgs.				
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-60

Sheet 1 of 1

Date(s) Drilled: 10/4/2007	Logged By: M. Ahvari	Checked By: J. Liles PG
Drilling Method: Hand Auger	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 3.5
Drill Rig Type: Hand Auger	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0		B-60-0	6/6		Grayish brown (10YR 5/2), Sandy SILT (ML), dry			1210	
		B-60-1	5/6		Becomes dark yellowish brown (10YR 4/2)			1210	
					Light brownish gray (10YR 6/2), medium to coarse SAND (SP), moist				
		B-60-3	6/6					1210	
					Completed boring to 3.5 feet bgs.				
5									
10									
15									
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-61

Sheet 1 of 1

Date(s) Drilled: 10/4/2007	Logged By: M. Ahvari	Checked By: J. Liles PG
Drilling Method: Hand Auger	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 3.5
Drill Rig Type: Hand Auger	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0		B-61-0	5/6		Yellowish brown (10YR 6/4), Silty fine SAND (SM), soft, dry			1245	
		B-61-1	6/6		Becomes light brownish gray (10YR 6/2)			1245	
		B-61-3	6/6		Becomes yellowish brown (10YR 5/4), medium to coarse SAND (SP), moist			1245	
					Completed boring to 3.5 feet bgs.				
5									
10									
15									
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-62

Sheet 1 of 1

Date(s) Drilled	10/4/2007	Logged By	M. Ahvari	Checked By	J. Liles PG
Drilling Method	Hand Auger	Drilling Contractor	Strongarm Environmental	Total Depth of Borehole (feet)	3.5
Drill Rig Type	Hand Auger	Borehole Diameter (inches)	3 1/2"	Approx. Surface Elevation (feet msl)	
Groundwater Level and Date Measured		Sampler Type	Slidehammer	Borehole Backfill	Hydrated Bentonite
Comments					

Elevation, feet MSL / Depth, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0		B-62-0	6/6		Light brownish gray (10YR 6/2), Silty fine SAND (SM), soft, dry			1145	
		B-62-1	6/6		Becomes grayish brown (10YR 5/2)			1145	
		B-62-3	6/6		Becomes brown (10YR 4/3)			1145	
					Completed boring to 3.5 feet bgs.				
5									
10									
15									
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-63

Sheet 1 of 1

Date(s) Drilled: 10/4/2007	Logged By: M. Ahvari	Checked By: J. Liles PG
Drilling Method: Hand Auger	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 3.5
Drill Rig Type: Hand Auger	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0		B-63-0	6/6		Grayish brown (10YR 5/2), Sandy GRAVEL (GM), dry			1120	
		B-63-1	6/6		Dark yellowish brown (10YR 3/6), medium SAND with Gravel (SP), dry			1120	
		B-63-3	6/6		Becomes light brownish gray (10YR 6/2), medium to coarse sand, moist			1120	
					Completed boring to 3.5 feet bgs.				
5									
10									
15									
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-64

Sheet 1 of 1

Date(s) Drilled: 10/4/2007	Logged By: M. Ahvarl	Checked By: J. Liles PG
Drilling Method: Hand Auger	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 3.5
Drill Rig Type: Hand Auger	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0		B-64-0 B-64-0D	6/6		Very dark brown (10YR 3/2), Sandy GRAVEL (GM), dry	1.1	0.0	1100	
		B-64-1 B-64-1D	6/6		Dark yellowish brown (10YR 3/6), medium SAND (SP)	1.4	0.0	1100	
		B-64-3 B-64-3D	6/6		Becomes light brownish gray (10YR 6/2), medium to coarse sand, moist	2.4	0.0	1100	
					Completed boring to 3.5 feet bgs.				
5									
10									
15									
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-65

Sheet 1 of 1

Date(s) Drilled: 10/4/2007	Logged By: M. Ahvari	Checked By: J. Liles PG
Drilling Method: Hand Auger	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 3.5
Drill Rig Type: Hand Auger	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL / Depth, feet	SAMPLES: Type	Number	Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
0		B-65-0	6/6		Dark grayish brown (10YR 4/2), Silty fine to medium SAND with Gravel, dry			1030	
		B-65-1	6/6		Same as above			1030	
		B-65-3	6/6		Yellowish brown (10YR 5/4), medium to coarse SAND (SP), dry			1030	
					Completed boring to 3.5 feet bgs.				
5									
10									
15									
20									

URS

Project: City of Anaheim Proposed Power Generation / Peaker Site
Project Location: 3701 Miraloma Ave, Anaheim CA
Project Number: 28906973.02004

Log of Boring B-66

Sheet 1 of 1

Date(s) Drilled: 10/4/2007	Logged By: M. Ahvari	Checked By: J. Liles PG
Drilling Method: Hand Auger	Drilling Contractor: Strongarm Environmental	Total Depth of Borehole (feet): 5.5
Drill Rig Type: Hand Auger	Borehole Diameter (inches): 3 1/2"	Approx. Surface Elevation (feet msl):
Groundwater Level and Date Measured:	Sampler Type: Slidehammer	Borehole Backfill: Hydrated Bentonite
Comments:		

Elevation, feet MSL	Depth, feet	SAMPLES Type	SAMPLES Number	SAMPLES Inches Recovered	Graphic Log	MATERIAL DESCRIPTION	OVA Headspace (ppm)	OVA Background (ppm)	Sample Time	REMARKS
	0					NA				
			B-66-1 B-66-1D	6/6					1320	
			B-66-3	6/6					1320	
	5		B-66-5	6/6					1320	
						Completed boring to 5.5 feet bgs.				
	10									
	15									
	20									

URS

Calscience
Environmental
Laboratories, Inc.

October 10, 2007

Cynthia Shen
URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Subject: **Calscience Work Order No.:** **07-10-0405**
Client Reference: **City of Anaheim / 28906973.02004**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/4/2007 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
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0405
Preparation: EPA 3050B
Method: EPA 6010B

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-65-0	**07-10-0405-1**	**10/04/07**	**Solid**	**ICP 5300**	**10/05/07**	**10/08/07**	**071005L04**

Parameter	Result	RL	DF	Qual	Units
Lead	90.2	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-64-0	**07-10-0405-4**	**10/04/07**	**Solid**	**ICP 5300**	**10/05/07**	**10/08/07**	**071005L04**

Parameter	Result	RL	DF	Qual	Units
Lead	86.4	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-64-0D	**07-10-0405-5**	**10/04/07**	**Solid**	**ICP 5300**	**10/05/07**	**10/08/07**	**071005L04**

Parameter	Result	RL	DF	Qual	Units
Lead	98.2	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-63-0	**07-10-0405-10**	**10/04/07**	**Solid**	**ICP 5300**	**10/05/07**	**10/08/07**	**071005L04**

Parameter	Result	RL	DF	Qual	Units
Lead	27.0	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-62-0	**07-10-0405-13**	**10/04/07**	**Solid**	**ICP 5300**	**10/05/07**	**10/08/07**	**071005L04**

Parameter	Result	RL	DF	Qual	Units
Lead	70.4	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-60-0	**07-10-0405-16**	**10/04/07**	**Solid**	**ICP 5300**	**10/05/07**	**10/08/07**	**071005L04**

Parameter	Result	RL	DF	Qual	Units
Lead	25.2	0.500	1		mg/kg

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	10/04/07
2020 East 1st Street, Suite 400		Work Order No:	07-10-0405
Santa Ana, CA 92705-4032		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-61-0	**07-10-0405-19**	**10/04/07**	**Solid**	**ICP 5300**	**10/05/07**	**10/08/07**	**071005L04**

Parameter	Result	RL	DF	Qual	Units
Lead	66.1	0.500	1		mg/kg

Method Blank	097-01-002-9,924	N/A	Solid	ICP 5300	10/05/07	10/08/07	071005L04

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	1		mg/kg

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation	Date Received: 10/04/07
2020 East 1st Street, Suite 400	Work Order No: 07-10-0405
Santa Ana, CA 92705-4032	Preparation: EPA 3545
	Method: EPA 8082
	Units: ug/kg

Project: City of Anaheim / 28906973.02004 — Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-66-1	**07-10-0405-22**	**10/04/07**	**Solid**	**GC 16**	**10/05/07**	**10/09/07**	**071005L11**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	90	50-130			2,4,5,6-Tetrachloro-m-Xylene	122	50-130		

B-66-1D	**07-10-0405-23**	**10/04/07**	**Solid**	**GC 16**	**10/05/07**	**10/09/07**	**071005L11**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	82	50-130			2,4,5,6-Tetrachloro-m-Xylene	92	50-130		

Method Blank	**099-12-535-154**	**N/A**	**Solid**	**GC 16**	**10/05/07**	**10/09/07**	**071005L11**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	50	1		Aroclor-1248	ND	50	1	
Aroclor-1221	ND	50	1		Aroclor-1254	ND	50	1	
Aroclor-1232	ND	50	1		Aroclor-1260	ND	50	1	
Aroclor-1242	ND	50	1		Aroclor-1262	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	99	50-130			2,4,5,6-Tetrachloro-m-Xylene	109	50-130		

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0405
Preparation: EPA 3050B
Method: EPA 6010B

Project City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-10-0388-23	Solid	ICP 5300	10/05/07	10/08/07	071005S04

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	135	116	75-125	6	0-20	3

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0405
Preparation: EPA 3545
Method: EPA 8082

Project City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-66-1	Solid	GC 16	10/05/07	10/09/07	071005S11

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Aroclor-1016	70	83	50-135	16	0-20	
Aroclor-1260	93	114	50-135	21	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

URS Corporation		Date Received:	N/A
2020 East 1st Street, Suite 400		Work Order No:	07-10-0405
Santa Ana, CA 92705-4032		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-9,924	Solid	ICP 5300	10/08/07	071005-I-04	071005L04

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Lead	25.0	27.8	111	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 07-10-0405
Preparation: EPA 3545
Method: EPA 8082

Project: City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-12-535-154	Solid	GC 16	10/09/07	07100838	071005L11

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Aroclor-1016	100	97.8	98	50-135	
Aroclor-1260	100	126	126	50-135	

RPD - Relative Percent Difference , CL - Control Limit

URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

0405

Date: 10/4/2007
Page 1 of 3

☐ Data Requested in GISKey Format

Lab Name: Calscience
URS Project/PO Number: 28906973.02004
Client Name/Project Name/Location: City of Anaheim
Geo Tracker Information:
URS Project Manager: Tariq Hussain
EDF Reporting: Y N Global ID:
Sampler Name and Signature: Maz
COELT Log Number:

Requested Analyses: PCB 8082, Lead 6010B

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	HOLD	Special Instructions:
1	B-65-0	10/4	1030	Y (N)	(S) L G	Acetate SS Brass Jar Encore ____ml Amb. Plas. Glass VOA	1		Take sample from the end of the sleeves marked "TOP"
2	B-65-0.5 1	10/4	1030	Y (N)	(S) L G	Acetate SS Brass Jar Encore ____ml Amb. Plas. Glass VOA	1	X	Provide EDD to cynthia_sher @urscorp.com
3	B-65-3	10/4	1030	Y (N)	(S) L G	Acetate SS Brass Jar Encore ____ml Amb. Plas. Glass VOA	1	X	
4	B-64-0	10/4	11:00	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA plastic bag	1		
5	B-64-0D	10/4	11:00	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA bag	1		
6	B-64-1	10/4	11:00	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA bag	1	X	
7	B-64-1D	10/4	11:00	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA bag	1	X	
8	B-64-3	10/4	11:00	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA bag	1	X	
9	B-64-3D	10/4	11:00	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA bag	1	X	
10	B-63-0	10/4	11:20	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1		

Relinquished By:	Date:	Received By:	Date/Time:
	10/4/07		10-4-07 16:00
Brita Kolb LCE	10-4-07		10-4-07 1730

Turnaround Time: (Check)
Same Day:____ 72 Hour:____
24 Hour:____ 5 Day:____
48 Hour:____ Standard: ✓

Lab Use Only
Cooler Temperature*:____
*Record upon arrival

URS

S=Solid L=Liquid G=Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

0405

Date: 10/4/2007

☐ Data Requested in GISKey Format

Lab Name: Calscience
URS Project/PO Number: 28906973.02004
Client Name/Project Name/Location: City of Anaheim
Geo Tracker Information:
URS Project Manager: Tang Hussain
EDF Reporting: Y N Global ID:
Sampler Name and Signature: Matt
COELT Log Number:

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	Requested Analyses: Lead	PCB	HOLD	Special Instructions:
1	B-63-1	10/4	11:20	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
2	B-63-3	10/4	11:20	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
3	B-62-0	10/4	1145	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1	X			
4	B-62-1	10/4	1145	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
5	B-62-3	10/4	1145	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
6	B-60-0	10/4	1210	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1	X			
7	B-60-1	10/4	1210	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
8	B-60-3	10/4	1210	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
9	B-61-0	10/4	1245	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1	X			
10	B-61-1	10/4	1245	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	

Relinquished By:	Date:	Received By:	Date/Time:
	10/4/07	Brett Kolb	10-4-07 1610
Brett Kolb CEL	10-4-07		10-4-07 1730

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: ____ 5 Day: ____
48 Hour: ✓ Standard: ____

Lab Use Only
Cooler Temperature*: ____
*Record upon arrival

URS

S=Solid L=Liquid G=Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

0405

Date: 10/4/07
Page 3 of 3

☐ Data Requested in GISKey Format

Lab Name: Calscience	URS Project/PO Number: 28906973.02004
Client Name/Project Name/Location: City of Anaheim	Geo Tracker Information:
URS Project Manager: Tariq Hussain	EDF Reporting: Y N Global ID:
Sampler Name and Signature: MBZ	COELT Log Number:

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	Requested Analyses: PCB	HOLD	Special Instructions:
1	B-61-3	10/4	1245	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1		X	
2	B-66-1	10/4	1320	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1	X		
3	B-66-1D	10/4	1320	Y (N)	(S) L G	Acetate (SS) Brass (Jar) Encore ____ml Amb. Plas. Glass VOA	1	X		
4	B-66-3	10/4	1320	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1		X	
5	B-66-5	10/4	1320	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1		X	
6				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA				
7				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA				
8				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA				
9				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA				
10				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA				

Relinquished By:	Date:	Received By:	Date/Time:
	10/4/07	Brett Kolb	10-4-07 1600
Brett Kolb CEL	10-4-07		10-4-07 1730
Relinquished By:	Date:	Received By:	Date/Time:

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: ____ 5 Day: ____
48 Hour: ____ Standard: ✓

Lab Use Only
Cooler Temperature*: ____
*Record upon arrival

URS

S=Solid L=Liquid G=Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 10 - 0405

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: UPS DATE: 10-4-07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
✓ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

2.9 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: BK

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: BK

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: BK

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

Supplemental Report 1

October 18, 2007

Additional requested analyses are reported as a stand-alone report.

Cynthia Shen
URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Subject: **Calscience Work Order No.:** **07-10-0405**
Client Reference: **City of Anaheim / 28906973.02004**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/4/2007 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

URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

0405

Date: 10/4/2007
Page 1 of 3

☐ Data Requested in GISKey Format

Lab Name: Calscience	URS Project/PO Number: 28906973.02004
Client Name/Project Name/Location: City of Anaheim	Geo Tracker Information:
URS Project Manager: Tang Hussain	EDF Reporting: Y N Global ID:
Sampler Name and Signature: Maz	COELT Log Number:

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	Requested Analyses: Lead 6010B	PCB 8082	HOLD	Special Instructions:
1	B-65-0	10/4	1030	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1	X			Take sample from the end of the sleeves marked "TOP"
2	B-65-0.5 1	10/4	1030	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	Provide EDD to cynthia_sher @urscorp.com
3	B-65-3	10/4	1030	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
4	B-64-0	10/4	11:00	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA plastic bag	1	X			
5	B-64-0D	10/4	11:00	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA bag	1	X			
6	B-64-1	10/4	11:00	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA bag	1			X	
7	B-64-1D	10/4	11:00	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA bag	1			X	
8	B-64-3	10/4	11:00	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA bag	1			X	
9	B-64-3D	10/4	11:00	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA bag	1			X	
10	B-63-0	10/4	11:20	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1	X			

Relinquished By:	Date:	Received By:	Date/Time:
	10/4/07	Brett Kolb	10-4-07 1600
Brett Kolb URS	10-4-07		10-4-07 1730
Relinquished By:	Date:	Received By:	Date/Time:

Turnaround Time: (Check)
Same Day:____ 72 Hour:____
24 Hour:____ 5 Day:____
48 Hour:____ Standard: ✓

Lab Use Only
Cooler Temperature*:_____
*Record upon arrival

URS

S=Solid L=Liquid G=Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

0405

Date: 10/4/2007

☐ Data Requested in GISKey Format

Lab Name: Calscience
URS Project/PO Number: 28906973.02004
Client Name/Project Name/Location: City of Anaheim
Geo Tracker Information:
URS Project Manager: Tariq Hussain
EDF Reporting: Y N Global ID:
Sampler Name and Signature: Maz
COELT Log Number:

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	Requested Analyses: Lead	PCB	HOLD	Special Instructions:
1	B-63-1	10/4	11:20	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
2	B-63-3	10/4	11:20	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
3	B-62-0	10/4	1145	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1	X			
4	B-62-1	10/4	1145	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
5	B-62-3	10/4	1145	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
6	B-60-0	10/4	1210	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1	X			
7	B-60-1	10/4	1210	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
8	B-60-3	10/4	1210	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
9	B-61-0	10/4	1245	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1	X			
10	B-61-1	10/4	1245	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	

Relinquished By:	Date:	Received By:	Date/Time:
	10/4/07	Brett Kolb	10-4-07 1610
Brett Kolb CEL	10-4-07		10-4-07 1730
Relinquished By:	Date:	Received By:	Date/Time:

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: ____ 5 Day: ____
48 Hour: ☑ Standard: ✓

Lab Use Only
Cooler Temperature*: ____
*Record upon arrival

URS

S=Solid L=Liquid G=Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

0405

Date: 10/4/07
Page 3 of 3

☐ Data Requested in GISKey Format

Lab Name: Calscience	URS Project/PO Number: 28906973.02004
Client Name/Project Name/Location: City of Anaheim	Geo Tracker Information:
URS Project Manager: Tang Hussain	EDF Reporting: Y N Global ID:
Sampler Name and Signature: MOZ	COELT Log Number:

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	Requested Analyses: Lead	PCB	HOLD	Special Instructions:
1	B-61-3	10/4	1245	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
2	B-66-1	10/4	1320	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1		X		
3	B-66-1D	10/4	1320	Y (N)	(S) L G	Acetate SS Brass Jar Encore ____ml Amb. Plas. Glass VOA	1		X		
4	B-66-3	10/4	1320	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
5	B-66-5	10/4	1320	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X	
6				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA					
7				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA					
8				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA					
9				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA					
10				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA					

Relinquished By:	Date:	Received By:	Date/Time:
	10/4/07	Brett Kolb	10-4-07 16:00
Brett Kolb CEL	10-4-07		10-4-07 1730

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: ____ 5 Day: ____
48 Hour: ____ Standard: ✓

Lab Use Only
Cooler Temperature*: ____
*Record upon arrival

URS

S=Solid L=Liquid G=Gas White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 10 - 0405

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: UPS DATE: 10-4-07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- _____ Chilled, cooler with temperature blank provided.
- _____ Chilled, cooler without temperature blank.
- ✓ Chilled and placed in cooler with wet ice.
- _____ Ambient and placed in cooler with wet ice.
- _____ Ambient temperature.

2.9 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- _____ °C Temperature blank.
- _____ °C IR thermometer.
- _____ Ambient temperature.

Initial: BK

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: BK

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: BK

COMMENTS:

Vikas Patel

From: Cynthia_Shen@URSCorp.com
Sent: Thursday, October 11, 2007 2:26 PM
To: Vikas Patel
Subject: Fw: Lab Rpt 07-10-0405

Vik,

Please analyze the following samples for STLC for lead on standard TAT.

B-65-0
B-64-0D
B-61-0
B-62-0

Thanks,
Cynthia Shen, P.E.
Project Engineer
URS Corporation
2020 East First Street, Suite 400
Santa Ana, CA 92705
Tel: 714-835-6886
Direct: 714-648-2810
Fax: 714-667-7147
cynthia_shen@urscorp.com

Calscience
Environmental
Laboratories, Inc.

October 11, 2007

Cynthia Shen
URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Subject: **Calscience Work Order No.:** **07-10-0406**
Client Reference: **City of Anaheim / 28906973.02004**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/4/2007 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
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-45-0	07-10-0406-1	10/04/07	Solid	ICP 5300	10/05/07	10/08/07	071005L05

Comment(s): -Mercury was analyzed on 10/5/2007 3:22:41 PM with batch 071005L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	5.40	0.750	1		Molybdenum	1.40	0.250	1	
Barium	86.2	0.500	1		Nickel	10.9	0.250	1	
Beryllium	0.311	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	12.4	0.250	1		Thallium	ND	0.750	1	
Cobalt	5.25	0.250	1		Vanadium	26.6	0.250	1	
Copper	13.4	0.500	1		Zinc	49.3	1.00	1	
Lead	15.7	0.500	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-44-0.5	07-10-0406-6	10/04/07	Solid	ICP 5300	10/05/07	10/08/07	071005L05

Comment(s): -Mercury was analyzed on 10/5/2007 3:24:52 PM with batch 071005L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	4.53	0.750	1		Molybdenum	0.451	0.250	1	
Barium	71.0	0.500	1		Nickel	9.72	0.250	1	
Beryllium	0.359	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	12.5	0.250	1		Thallium	ND	0.750	1	
Cobalt	5.72	0.250	1		Vanadium	23.4	0.250	1	
Copper	15.4	0.500	1		Zinc	63.6	1.00	1	
Lead	23.4	0.500	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-43-0	07-10-0406-9	10/04/07	Solid	ICP 5300	10/05/07	10/08/07	071005L05

Comment(s): -Mercury was analyzed on 10/5/2007 3:27:04 PM with batch 071005L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	5.51	0.750	1		Molybdenum	3.46	0.250	1	
Barium	96.2	0.500	1		Nickel	14.2	0.250	1	
Beryllium	0.477	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	21.3	0.250	1		Thallium	ND	0.750	1	
Cobalt	6.18	0.250	1		Vanadium	35.7	0.250	1	
Copper	15.7	0.500	1		Zinc	60.7	1.00	1	
Lead	4.35	0.500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-43-0D	**07-10-0406-10**	**10/04/07**	**Solid**	**ICP 5300**	**10/05/07**	**10/08/07**	**071005L05**

Comment(s): -Mercury was analyzed on 10/5/2007 3:41:44 PM with batch 071005L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	5.11	0.750	1		Molybdenum	3.03	0.250	1	
Barium	93.0	0.500	1		Nickel	13.8	0.250	1	
Beryllium	0.455	0.250	1		Selenium	ND	0.750	1	
Cadmium	0.945	0.500	1		Silver	ND	0.250	1	
Chromium	20.4	0.250	1		Thallium	ND	0.750	1	
Cobalt	5.81	0.250	1		Vanadium	33.3	0.250	1	
Copper	15.1	0.500	1		Zinc	58.3	1.00	1	
Lead	3.47	0.500	1						

B-59-1	**07-10-0406-14**	**10/04/07**	**Solid**	**ICP 5300**	**10/05/07**	**10/08/07**	**071005L05**

Comment(s): -Mercury was analyzed on 10/5/2007 3:43:57 PM with batch 071005L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	2.53	0.750	1		Molybdenum	0.630	0.250	1	
Barium	73.3	0.500	1		Nickel	9.72	0.250	1	
Beryllium	0.352	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	11.9	0.250	1		Thallium	ND	0.750	1	
Cobalt	6.55	0.250	1		Vanadium	25.3	0.250	1	
Copper	13.2	0.500	1		Zinc	60.5	1.00	1	
Lead	24.6	0.500	1						

B-55-5	**07-10-0406-24**	**10/04/07**	**Solid**	**ICP 5300**	**10/05/07**	**10/08/07**	**071005L05**

Comment(s): -Mercury was analyzed on 10/5/2007 3:46:11 PM with batch 071005L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	21.5	0.500	1		Nickel	3.10	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	4.10	0.250	1		Thallium	ND	0.750	1	
Cobalt	2.55	0.250	1		Vanadium	9.56	0.250	1	
Copper	3.05	0.500	1		Zinc	15.6	1.00	1	
Lead	0.949	0.500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-55-10	07-10-0406-25	10/04/07	Solid	ICP 5300	10/05/07	10/08/07	071005L05

Comment(s): -Mercury was analyzed on 10/5/2007 3:48:25 PM with batch 071005L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	20.6	0.500	1		Nickel	3.19	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	4.18	0.250	1		Thallium	ND	0.750	1	
Cobalt	2.42	0.250	1		Vanadium	9.03	0.250	1	
Copper	2.93	0.500	1		Zinc	14.4	1.00	1	
Lead	1.27	0.500	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-56-5	07-10-0406-28	10/04/07	Solid	ICP 5300	10/05/07	10/08/07	071005L05

Comment(s): -Mercury was analyzed on 10/5/2007 3:50:39 PM with batch 071005L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	20.0	0.500	1		Nickel	2.87	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	3.78	0.250	1		Thallium	ND	0.750	1	
Cobalt	2.58	0.250	1		Vanadium	10.1	0.250	1	
Copper	2.80	0.500	1		Zinc	16.9	1.00	1	
Lead	1.01	0.500	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-57-5	07-10-0406-32	10/04/07	Solid	ICP 5300	10/05/07	10/08/07	071005L05

Comment(s): -Mercury was analyzed on 10/5/2007 3:52:54 PM with batch 071005L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	0.989	0.750	1		Molybdenum	ND	0.250	1	
Barium	27.1	0.500	1		Nickel	3.70	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	4.73	0.250	1		Thallium	ND	0.750	1	
Cobalt	3.02	0.250	1		Vanadium	11.6	0.250	1	
Copper	3.90	0.500	1		Zinc	18.9	1.00	1	
Lead	2.08	0.500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-50-5	**07-10-0406-36**	**10/04/07**	**Solid**	**ICP 5300**	**10/05/07**	**10/08/07**	**071005L05**

Comment(s): -Mercury was analyzed on 10/5/2007 3:55:09 PM with batch 071005L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	0.917	0.750	1		Molybdenum	ND	0.250	1	
Barium	18.6	0.500	1		Nickel	2.94	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	3.67	0.250	1		Thallium	ND	0.750	1	
Cobalt	2.49	0.250	1		Vanadium	9.63	0.250	1	
Copper	2.74	0.500	1		Zinc	14.5	1.00	1	
Lead	0.857	0.500	1						

B-50-10	**07-10-0406-37**	**10/04/07**	**Solid**	**ICP 5300**	**10/05/07**	**10/05/07**	**071005L05**

Comment(s): -Mercury was analyzed on 10/5/2007 3:10:13 PM with batch 071005L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	ND	0.750	1		Molybdenum	0.757	0.250	1	
Barium	36.0	0.500	1		Nickel	2.12	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	3.91	0.250	1		Thallium	ND	0.750	1	
Cobalt	1.99	0.250	1		Vanadium	7.59	0.250	1	
Copper	2.53	0.500	1		Zinc	20.2	1.00	1	
Lead	0.965	0.500	1						

Method Blank	**099-04-007-4,998**	**N/A**	**Solid**	**Mercury**	**10/05/07**	**10/05/07**	**071005L03**

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0835	1	

Method Blank	**097-01-002-9,916**	**N/A**	**Solid**	**ICP 5300**	**10/05/07**	**10/05/07**	**071005L05**

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:	10/04/07
2020 East 1st Street, Suite 400		Work Order No:	07-10-0406
Santa Ana, CA 92705-4032		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-45-0	**07-10-0406-1**	**10/04/07**	**Solid**	**GC 15**	**10/05/07**	**10/05/07**	**071005B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		40		C21-C22	35		40	
C8	ND		40		C23-C24	37		40	
C9-C10	ND		40		C25-C28	150		40	
C11-C12	ND		40		C29-C32	330		40	
C13-C14	ND		40		C33-C36	320		40	
C15-C16	2.9		40		C37-C40	290		40	
C17-C18	9.5		40		C41-C44	220		40	
C19-C20	23		40		C7-C44 Total	1400	200	40	

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

B-44-0.5	**07-10-0406-6**	**10/04/07**	**Solid**	**GC 15**	**10/05/07**	**10/05/07**	**071005B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		5		C21-C22	2.2		5	
C8	ND		5		C23-C24	2.8		5	
C9-C10	ND		5		C25-C28	13		5	
C11-C12	0.74		5		C29-C32	26		5	
C13-C14	0.29		5		C33-C36	26		5	
C15-C16	1.2		5		C37-C40	22		5	
C17-C18	1.3		5		C41-C44	28		5	
C19-C20	1.9		5		C7-C44 Total	130	25	5	

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	87	61-145	

B-43-0	**07-10-0406-9**	**10/04/07**	**Solid**	**GC 15**	**10/05/07**	**10/05/07**	**071005B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		1		C21-C22	0.78		1	
C8	ND		1		C23-C24	1.2		1	
C9-C10	ND		1		C25-C28	2.5		1	
C11-C12	ND		1		C29-C32	4.8		1	
C13-C14	0.82		1		C33-C36	5.0		1	
C15-C16	0.69		1		C37-C40	2.6		1	
C17-C18	0.39		1		C41-C44	3.4		1	
C19-C20	0.52		1		C7-C44 Total	23	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	87	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	10/04/07
2020 East 1st Street, Suite 400		Work Order No:	07-10-0406
Santa Ana, CA 92705-4032		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-43-0D	**07-10-0406-10**	**10/04/07**	**Solid**	**GC 15**	**10/05/07**	**10/05/07**	**071005B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		1		C21-C22	0.23		1	
C8	ND		1		C23-C24	0.67		1	
C9-C10	ND		1		C25-C28	2.4		1	
C11-C12	ND		1		C29-C32	4.2		1	
C13-C14	0.32		1		C33-C36	3.6		1	
C15-C16	0.43		1		C37-C40	0.93		1	
C17-C18	0.30		1		C41-C44	1.2		1	
C19-C20	0.25		1		C7-C44 Total	14	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	87	61-145	

B-58-1	**07-10-0406-18**	**10/04/07**	**Solid**	**GC 15**	**10/05/07**	**10/05/07**	**071005B01**

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

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

B-58-5	**07-10-0406-19**	**10/04/07**	**Solid**	**GC 15**	**10/05/07**	**10/05/07**	**071005B01**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	90	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-58-10	**07-10-0406-20**	**10/04/07**	**Solid**	**GC 15**	**10/05/07**	**10/05/07**	**071005B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		1		C21-C22	ND		1	
C8	ND		1		C23-C24	1.6		1	
C9-C10	ND		1		C25-C28	0.14		1	
C11-C12	ND		1		C29-C32	ND		1	
C13-C14	ND		1		C33-C36	ND		1	
C15-C16	ND		1		C37-C40	ND		1	
C17-C18	ND		1		C41-C44	ND		1	
C19-C20	ND		1		C7-C44 Total	ND	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	87	61-145	

B-58-10D	**07-10-0406-21**	**10/04/07**	**Solid**	**GC 15**	**10/05/07**	**10/06/07**	**071005B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		1		C21-C22	ND		1	
C8	ND		1		C23-C24	2.8		1	
C9-C10	ND		1		C25-C28	0.12		1	
C11-C12	ND		1		C29-C32	ND		1	
C13-C14	ND		1		C33-C36	ND		1	
C15-C16	ND		1		C37-C40	ND		1	
C17-C18	ND		1		C41-C44	ND		1	
C19-C20	ND		1		C7-C44 Total	ND	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	87	61-145	

B-58-15	**07-10-0406-22**	**10/04/07**	**Solid**	**GC 15**	**10/05/07**	**10/06/07**	**071005B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		1		C21-C22	ND		1	
C8	ND		1		C23-C24	1.2		1	
C9-C10	ND		1		C25-C28	0.062		1	
C11-C12	ND		1		C29-C32	ND		1	
C13-C14	ND		1		C33-C36	ND		1	
C15-C16	ND		1		C37-C40	ND		1	
C17-C18	ND		1		C41-C44	ND		1	
C19-C20	ND		1		C7-C44 Total	ND	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	87	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-55-5	**07-10-0406-24**	**10/04/07**	**Solid**	**GC 15**	**10/05/07**	**10/06/07**	**071005B01**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	89	61-145	

B-55-10	07-10-0406-25	10/04/07	Solid	GC 15	10/05/07	10/06/07	071005B01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		1		C21-C22	ND		1	
C8	ND		1		C23-C24	2.5		1	
C9-C10	ND		1		C25-C28	0.14		1	
C11-C12	ND		1		C29-C32	ND		1	
C13-C14	ND		1		C33-C36	ND		1	
C15-C16	ND		1		C37-C40	ND		1	
C17-C18	ND		1		C41-C44	ND		1	
C19-C20	ND		1		C7-C44 Total	ND	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	87	61-145	

B-56-5	07-10-0406-28	10/04/07	Solid	GC 15	10/05/07	10/06/07	071005B01

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	87	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	10/04/07
2020 East 1st Street, Suite 400		Work Order No:	07-10-0406
Santa Ana, CA 92705-4032		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-57-5	**07-10-0406-32**	**10/04/07**	**Solid**	**GC 15**	**10/05/07**	**10/06/07**	**071005B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		1		C21-C22	0.40		1	
C8	ND		1		C23-C24	0.80		1	
C9-C10	ND		1		C25-C28	1.8		1	
C11-C12	ND		1		C29-C32	0.85		1	
C13-C14	ND		1		C33-C36	0.32		1	
C15-C16	ND		1		C37-C40	0.081		1	
C17-C18	ND		1		C41-C44	ND		1	
C19-C20	0.12		1		C7-C44 Total	ND	5.0	1	

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

B-50-5	07-10-0406-36	10/04/07	Solid	GC 15	10/05/07	10/06/07	071005B01

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	92	61-145	

B-50-10	07-10-0406-37	10/04/07	Solid	GC 15	10/05/07	10/06/07	071005B01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		1		C21-C22	ND		1	
C8	ND		1		C23-C24	1.8		1	
C9-C10	ND		1		C25-C28	0.12		1	
C11-C12	ND		1		C29-C32	ND		1	
C13-C14	ND		1		C33-C36	ND		1	
C15-C16	ND		1		C37-C40	ND		1	
C17-C18	ND		1		C41-C44	ND		1	
C19-C20	ND		1		C7-C44 Total	ND	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	92	61-145	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	10/04/07
2020 East 1st Street, Suite 400		Work Order No:	07-10-0406
Santa Ana, CA 92705-4032		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-275-1,047**	**N/A**	**Solid**	**GC 15**	**10/05/07**	**10/05/07**	**071005B01**

Parameter	Result	RL	DF	Qual
TPH as Diesel	ND	5.0	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
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-45-0	**07-10-0406-1**	**10/04/07**	**Solid**	**GC/MS W**	**10/04/07**	**10/06/07**	**071006L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	45	0.891		1,3-Dichloropropane	ND	0.89	0.891	
Benzene	ND	0.89	0.891		2,2-Dichloropropane	ND	4.5	0.891	
Bromobenzene	ND	0.89	0.891		1,1-Dichloropropene	ND	1.8	0.891	
Bromochloromethane	ND	1.8	0.891		c-1,3-Dichloropropene	ND	0.89	0.891	
Bromodichloromethane	ND	0.89	0.891		t-1,3-Dichloropropene	ND	1.8	0.891	
Bromoform	ND	4.5	0.891		Ethylbenzene	ND	0.89	0.891	
Bromomethane	ND	18	0.891		2-Hexanone	ND	18	0.891	
2-Butanone	ND	18	0.891		Isopropylbenzene	ND	0.89	0.891	
n-Butylbenzene	ND	0.89	0.891		p-Isopropyltoluene	ND	0.89	0.891	
sec-Butylbenzene	ND	0.89	0.891		Methylene Chloride	ND	8.9	0.891	
tert-Butylbenzene	ND	0.89	0.891		4-Methyl-2-Pentanone	ND	18	0.891	
Carbon Disulfide	ND	8.9	0.891		Naphthalene	ND	8.9	0.891	
Carbon Tetrachloride	ND	0.89	0.891		n-Propylbenzene	ND	0.89	0.891	
Chlorobenzene	ND	0.89	0.891		Styrene	ND	0.89	0.891	
Chloroethane	ND	1.8	0.891		1,1,1,2-Tetrachloroethane	ND	0.89	0.891	
Chloroform	ND	0.89	0.891		1,1,2,2-Tetrachloroethane	ND	1.8	0.891	
Chloromethane	ND	18	0.891		Tetrachloroethene	ND	0.89	0.891	
2-Chlorotoluene	ND	0.89	0.891		Toluene	ND	0.89	0.891	
4-Chlorotoluene	ND	0.89	0.891		1,2,3-Trichlorobenzene	ND	1.8	0.891	
Dibromochloromethane	ND	1.8	0.891		1,2,4-Trichlorobenzene	ND	1.8	0.891	
1,2-Dibromo-3-Chloropropane	ND	4.5	0.891		1,1,1-Trichloroethane	ND	0.89	0.891	
1,2-Dibromoethane	ND	0.89	0.891		1,1,2-Trichloroethane	ND	0.89	0.891	
Dibromomethane	ND	0.89	0.891		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.9	0.891	
1,2-Dichlorobenzene	ND	0.89	0.891		Trichloroethene	ND	1.8	0.891	
1,3-Dichlorobenzene	ND	0.89	0.891		Trichlorofluoromethane	ND	8.9	0.891	
1,4-Dichlorobenzene	ND	0.89	0.891		1,2,3-Trichloropropane	ND	1.8	0.891	
Dichlorodifluoromethane	ND	1.8	0.891		1,2,4-Trimethylbenzene	ND	1.8	0.891	
1,1-Dichloroethane	ND	0.89	0.891		1,3,5-Trimethylbenzene	ND	1.8	0.891	
1,2-Dichloroethane	ND	0.89	0.891		Vinyl Acetate	ND	8.9	0.891	
1,1-Dichloroethene	ND	0.89	0.891		Vinyl Chloride	ND	0.89	0.891	
c-1,2-Dichloroethene	ND	0.89	0.891		p/m-Xylene	ND	1.8	0.891	
t-1,2-Dichloroethene	ND	0.89	0.891		o-Xylene	ND	0.89	0.891	
1,2-Dichloropropane	ND	0.89	0.891		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.891	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	112	71-137			1,2-Dichloroethane-d4	139	58-160		
1,4-Bromofluorobenzene	94	66-126			Toluene-d8	102	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	10/04/07
2020 East 1st Street, Suite 400		Work Order No:	07-10-0406
Santa Ana, CA 92705-4032		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-44-0.5	07-10-0406-6	10/04/07	Solid	GC/MS W	10/04/07	10/06/07	071006L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	69	51	1.02		1,3-Dichloropropane	ND	1.0	1.02	
Benzene	1.3	1.0	1.02		2,2-Dichloropropane	ND	5.1	1.02	
Bromobenzene	ND	1.0	1.02		1,1-Dichloropropene	ND	2.0	1.02	
Bromochloromethane	ND	2.0	1.02		c-1,3-Dichloropropene	ND	1.0	1.02	
Bromodichloromethane	ND	1.0	1.02		t-1,3-Dichloropropene	ND	2.0	1.02	
Bromoform	ND	5.1	1.02		Ethylbenzene	ND	1.0	1.02	
Bromomethane	ND	20	1.02		2-Hexanone	ND	20	1.02	
2-Butanone	ND	20	1.02		Isopropylbenzene	ND	1.0	1.02	
n-Butylbenzene	ND	1.0	1.02		p-Isopropyltoluene	ND	1.0	1.02	
sec-Butylbenzene	ND	1.0	1.02		Methylene Chloride	ND	10	1.02	
tert-Butylbenzene	ND	1.0	1.02		4-Methyl-2-Pentanone	ND	20	1.02	
Carbon Disulfide	ND	10	1.02		Naphthalene	ND	10	1.02	
Carbon Tetrachloride	ND	1.0	1.02		n-Propylbenzene	ND	1.0	1.02	
Chlorobenzene	ND	1.0	1.02		Styrene	ND	1.0	1.02	
Chloroethane	ND	2.0	1.02		1,1,1,2-Tetrachloroethane	ND	1.0	1.02	
Chloroform	ND	1.0	1.02		1,1,2,2-Tetrachloroethane	ND	2.0	1.02	
Chloromethane	ND	20	1.02		Tetrachloroethene	ND	1.0	1.02	
2-Chlorotoluene	ND	1.0	1.02		Toluene	ND	1.0	1.02	
4-Chlorotoluene	ND	1.0	1.02		1,2,3-Trichlorobenzene	ND	2.0	1.02	
Dibromochloromethane	ND	2.0	1.02		1,2,4-Trichlorobenzene	ND	2.0	1.02	
1,2-Dibromo-3-Chloropropane	ND	5.1	1.02		1,1,1-Trichloroethane	ND	1.0	1.02	
1,2-Dibromoethane	ND	1.0	1.02		1,1,2-Trichloroethane	ND	1.0	1.02	
Dibromomethane	ND	1.0	1.02		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.02	
1,2-Dichlorobenzene	ND	1.0	1.02		Trichloroethene	ND	2.0	1.02	
1,3-Dichlorobenzene	ND	1.0	1.02		Trichlorofluoromethane	ND	10	1.02	
1,4-Dichlorobenzene	ND	1.0	1.02		1,2,3-Trichloropropane	ND	2.0	1.02	
Dichlorodifluoromethane	ND	2.0	1.02		1,2,4-Trimethylbenzene	ND	2.0	1.02	
1,1-Dichloroethane	ND	1.0	1.02		1,3,5-Trimethylbenzene	ND	2.0	1.02	
1,2-Dichloroethane	ND	1.0	1.02		Vinyl Acetate	ND	10	1.02	
1,1-Dichloroethene	ND	1.0	1.02		Vinyl Chloride	ND	1.0	1.02	
c-1,2-Dichloroethene	ND	1.0	1.02		p/m-Xylene	ND	2.0	1.02	
t-1,2-Dichloroethene	ND	1.0	1.02		o-Xylene	ND	1.0	1.02	
1,2-Dichloropropane	ND	1.0	1.02		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1.02	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	117	71-137			1,2-Dichloroethane-d4	142	58-160		
1,4-Bromofluorobenzene	87	66-126			Toluene-d8	97	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-43-0D	**07-10-0406-10**	**10/04/07**	**Solid**	**GC/MS W**	**10/04/07**	**10/06/07**	**071006L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	73	55	1.1		1,3-Dichloropropane	ND	1.1	1.1	
Benzene	ND	1.1	1.1		2,2-Dichloropropane	ND	5.5	1.1	
Bromobenzene	ND	1.1	1.1		1,1-Dichloropropene	ND	2.2	1.1	
Bromochloromethane	ND	2.2	1.1		c-1,3-Dichloropropene	ND	1.1	1.1	
Bromodichloromethane	ND	1.1	1.1		t-1,3-Dichloropropene	ND	2.2	1.1	
Bromoform	ND	5.5	1.1		Ethylbenzene	ND	1.1	1.1	
Bromomethane	ND	22	1.1		2-Hexanone	ND	22	1.1	
2-Butanone	ND	22	1.1		Isopropylbenzene	ND	1.1	1.1	
n-Butylbenzene	ND	1.1	1.1		p-Isopropyltoluene	ND	1.1	1.1	
sec-Butylbenzene	ND	1.1	1.1		Methylene Chloride	ND	11	1.1	
tert-Butylbenzene	ND	1.1	1.1		4-Methyl-2-Pentanone	ND	22	1.1	
Carbon Disulfide	ND	11	1.1		Naphthalene	ND	11	1.1	
Carbon Tetrachloride	ND	1.1	1.1		n-Propylbenzene	ND	1.1	1.1	
Chlorobenzene	ND	1.1	1.1		Styrene	ND	1.1	1.1	
Chloroethane	ND	2.2	1.1		1,1,1,2-Tetrachloroethane	ND	1.1	1.1	
Chloroform	ND	1.1	1.1		1,1,2,2-Tetrachloroethane	ND	2.2	1.1	
Chloromethane	ND	22	1.1		Tetrachloroethene	ND	1.1	1.1	
2-Chlorotoluene	ND	1.1	1.1		Toluene	ND	1.1	1.1	
4-Chlorotoluene	ND	1.1	1.1		1,2,3-Trichlorobenzene	ND	2.2	1.1	
Dibromochloromethane	ND	2.2	1.1		1,2,4-Trichlorobenzene	ND	2.2	1.1	
1,2-Dibromo-3-Chloropropane	ND	5.5	1.1		1,1,1-Trichloroethane	ND	1.1	1.1	
1,2-Dibromoethane	ND	1.1	1.1		1,1,2-Trichloroethane	ND	1.1	1.1	
Dibromomethane	ND	1.1	1.1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.1	
1,2-Dichlorobenzene	ND	1.1	1.1		Trichloroethene	ND	2.2	1.1	
1,3-Dichlorobenzene	ND	1.1	1.1		Trichlorofluoromethane	ND	11	1.1	
1,4-Dichlorobenzene	ND	1.1	1.1		1,2,3-Trichloropropane	ND	2.2	1.1	
Dichlorodifluoromethane	ND	2.2	1.1		1,2,4-Trimethylbenzene	ND	2.2	1.1	
1,1-Dichloroethane	ND	1.1	1.1		1,3,5-Trimethylbenzene	ND	2.2	1.1	
1,2-Dichloroethane	ND	1.1	1.1		Vinyl Acetate	ND	11	1.1	
1,1-Dichloroethene	ND	1.1	1.1		Vinyl Chloride	ND	1.1	1.1	
c-1,2-Dichloroethene	ND	1.1	1.1		p/m-Xylene	ND	2.2	1.1	
t-1,2-Dichloroethene	ND	1.1	1.1		o-Xylene	ND	1.1	1.1	
1,2-Dichloropropane	ND	1.1	1.1		Methyl-t-Butyl Ether (MTBE)	ND	2.2	1.1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	116	71-137			1,2-Dichloroethane-d4	140	58-160		
1,4-Bromofluorobenzene	92	66-126			Toluene-d8	100	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation	Date Received: 10/04/07
2020 East 1st Street, Suite 400	Work Order No: 07-10-0406
Santa Ana, CA 92705-4032	Preparation: EPA 5035
	Method: EPA 8260B
	Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-59-1	**07-10-0406-14**	**10/04/07**	**Solid**	**GC/MS W**	**10/04/07**	**10/06/07**	**071006L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	0.992		1,3-Dichloropropane	ND	0.99	0.992	
Benzene	ND	0.99	0.992		2,2-Dichloropropane	ND	5.0	0.992	
Bromobenzene	ND	0.99	0.992		1,1-Dichloropropene	ND	2.0	0.992	
Bromochloromethane	ND	2.0	0.992		c-1,3-Dichloropropene	ND	0.99	0.992	
Bromodichloromethane	ND	0.99	0.992		t-1,3-Dichloropropene	ND	2.0	0.992	
Bromoform	ND	5.0	0.992		Ethylbenzene	ND	0.99	0.992	
Bromomethane	ND	20	0.992		2-Hexanone	ND	20	0.992	
2-Butanone	ND	20	0.992		Isopropylbenzene	ND	0.99	0.992	
n-Butylbenzene	ND	0.99	0.992		p-Isopropyltoluene	ND	0.99	0.992	
sec-Butylbenzene	ND	0.99	0.992		Methylene Chloride	ND	9.9	0.992	
tert-Butylbenzene	ND	0.99	0.992		4-Methyl-2-Pentanone	ND	20	0.992	
Carbon Disulfide	ND	9.9	0.992		Naphthalene	ND	9.9	0.992	
Carbon Tetrachloride	ND	0.99	0.992		n-Propylbenzene	ND	0.99	0.992	
Chlorobenzene	ND	0.99	0.992		Styrene	ND	0.99	0.992	
Chloroethane	ND	2.0	0.992		1,1,1,2-Tetrachloroethane	ND	0.99	0.992	
Chloroform	ND	0.99	0.992		1,1,2,2-Tetrachloroethane	ND	2.0	0.992	
Chloromethane	ND	20	0.992		Tetrachloroethene	ND	0.99	0.992	
2-Chlorotoluene	ND	0.99	0.992		Toluene	ND	0.99	0.992	
4-Chlorotoluene	ND	0.99	0.992		1,2,3-Trichlorobenzene	ND	2.0	0.992	
Dibromochloromethane	ND	2.0	0.992		1,2,4-Trichlorobenzene	ND	2.0	0.992	
1,2-Dibromo-3-Chloropropane	ND	5.0	0.992		1,1,1-Trichloroethane	ND	0.99	0.992	
1,2-Dibromoethane	ND	0.99	0.992		1,1,2-Trichloroethane	ND	0.99	0.992	
Dibromomethane	ND	0.99	0.992		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.9	0.992	
1,2-Dichlorobenzene	ND	0.99	0.992		Trichloroethene	ND	2.0	0.992	
1,3-Dichlorobenzene	ND	0.99	0.992		Trichlorofluoromethane	ND	9.9	0.992	
1,4-Dichlorobenzene	ND	0.99	0.992		1,2,3-Trichloropropane	ND	2.0	0.992	
Dichlorodifluoromethane	ND	2.0	0.992		1,2,4-Trimethylbenzene	ND	2.0	0.992	
1,1-Dichloroethane	ND	0.99	0.992		1,3,5-Trimethylbenzene	ND	2.0	0.992	
1,2-Dichloroethane	ND	0.99	0.992		Vinyl Acetate	ND	9.9	0.992	
1,1-Dichloroethene	ND	0.99	0.992		Vinyl Chloride	ND	0.99	0.992	
c-1,2-Dichloroethene	ND	0.99	0.992		p/m-Xylene	ND	2.0	0.992	
t-1,2-Dichloroethene	ND	0.99	0.992		o-Xylene	ND	0.99	0.992	
1,2-Dichloropropane	ND	0.99	0.992		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.992	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	116	71-137			1,2-Dichloroethane-d4	141	58-160		
1,4-Bromofluorobenzene	97	66-126			Toluene-d8	104	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	10/04/07
2020 East 1st Street, Suite 400		Work Order No:	07-10-0406
Santa Ana, CA 92705-4032		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-55-5	07-10-0406-24	10/04/07	Solid	GC/MS W	10/04/07	10/06/07	071006L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	51	1.02		1,3-Dichloropropane	ND	1.0	1.02	
Benzene	ND	1.0	1.02		2,2-Dichloropropane	ND	5.1	1.02	
Bromobenzene	ND	1.0	1.02		1,1-Dichloropropene	ND	2.0	1.02	
Bromochloromethane	ND	2.0	1.02		c-1,3-Dichloropropene	ND	1.0	1.02	
Bromodichloromethane	ND	1.0	1.02		t-1,3-Dichloropropene	ND	2.0	1.02	
Bromoform	ND	5.1	1.02		Ethylbenzene	ND	1.0	1.02	
Bromomethane	ND	20	1.02		2-Hexanone	ND	20	1.02	
2-Butanone	ND	20	1.02		Isopropylbenzene	ND	1.0	1.02	
n-Butylbenzene	ND	1.0	1.02		p-Isopropyltoluene	ND	1.0	1.02	
sec-Butylbenzene	ND	1.0	1.02		Methylene Chloride	ND	10	1.02	
tert-Butylbenzene	ND	1.0	1.02		4-Methyl-2-Pentanone	ND	20	1.02	
Carbon Disulfide	ND	10	1.02		Naphthalene	ND	10	1.02	
Carbon Tetrachloride	ND	1.0	1.02		n-Propylbenzene	ND	1.0	1.02	
Chlorobenzene	ND	1.0	1.02		Styrene	ND	1.0	1.02	
Chloroethane	ND	2.0	1.02		1,1,1,2-Tetrachloroethane	ND	1.0	1.02	
Chloroform	ND	1.0	1.02		1,1,2,2-Tetrachloroethane	ND	2.0	1.02	
Chloromethane	ND	20	1.02		Tetrachloroethene	ND	1.0	1.02	
2-Chlorotoluene	ND	1.0	1.02		Toluene	ND	1.0	1.02	
4-Chlorotoluene	ND	1.0	1.02		1,2,3-Trichlorobenzene	ND	2.0	1.02	
Dibromochloromethane	ND	2.0	1.02		1,2,4-Trichlorobenzene	ND	2.0	1.02	
1,2-Dibromo-3-Chloropropane	ND	5.1	1.02		1,1,1-Trichloroethane	ND	1.0	1.02	
1,2-Dibromoethane	ND	1.0	1.02		1,1,2-Trichloroethane	ND	1.0	1.02	
Dibromomethane	ND	1.0	1.02		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.02	
1,2-Dichlorobenzene	ND	1.0	1.02		Trichloroethene	ND	2.0	1.02	
1,3-Dichlorobenzene	ND	1.0	1.02		Trichlorofluoromethane	ND	10	1.02	
1,4-Dichlorobenzene	ND	1.0	1.02		1,2,3-Trichloropropane	ND	2.0	1.02	
Dichlorodifluoromethane	ND	2.0	1.02		1,2,4-Trimethylbenzene	ND	2.0	1.02	
1,1-Dichloroethane	ND	1.0	1.02		1,3,5-Trimethylbenzene	ND	2.0	1.02	
1,2-Dichloroethane	ND	1.0	1.02		Vinyl Acetate	ND	10	1.02	
1,1-Dichloroethene	ND	1.0	1.02		Vinyl Chloride	ND	1.0	1.02	
c-1,2-Dichloroethene	ND	1.0	1.02		p/m-Xylene	ND	2.0	1.02	
t-1,2-Dichloroethene	ND	1.0	1.02		o-Xylene	ND	1.0	1.02	
1,2-Dichloropropane	ND	1.0	1.02		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1.02	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	118	71-137			1,2-Dichloroethane-d4	145	58-160		
1,4-Bromofluorobenzene	92	66-126			Toluene-d8	100	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received:	10/04/07
Work Order No:	07-10-0406
Preparation:	EPA 5035
Method:	EPA 8260B
Units:	ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-55-10	**07-10-0406-25**	**10/04/07**	**Solid**	**GC/MS W**	**10/04/07**	**10/06/07**	**071006L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	1.0	1		2,2-Dichloropropane	ND	5.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	2.0	1	
Bromochloromethane	ND	2.0	1		c-1,3-Dichloropropene	ND	1.0	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromoform	ND	5.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	20	1		2-Hexanone	ND	20	1	
2-Butanone	ND	20	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	20	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	2.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chloromethane	ND	20	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Dibromochloromethane	ND	2.0	1		1,2,4-Trichlorobenzene	ND	2.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
Dichlorodifluoromethane	ND	2.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	2.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	120	71-137		1,2-Dichloroethane-d4	142	58-160	
1,4-Bromofluorobenzene	94	66-126		Toluene-d8	102	87-111	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-56-5	**07-10-0406-28**	**10/04/07**	**Solid**	**GC/MS W**	**10/04/07**	**10/06/07**	**071006L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	54	1.09		1,3-Dichloropropane	ND	1.1	1.09	
Benzene	ND	1.1	1.09		2,2-Dichloropropane	ND	5.4	1.09	
Bromobenzene	ND	1.1	1.09		1,1-Dichloropropene	ND	2.2	1.09	
Bromochloromethane	ND	2.2	1.09		c-1,3-Dichloropropene	ND	1.1	1.09	
Bromodichloromethane	ND	1.1	1.09		t-1,3-Dichloropropene	ND	2.2	1.09	
Bromoform	ND	5.4	1.09		Ethylbenzene	ND	1.1	1.09	
Bromomethane	ND	22	1.09		2-Hexanone	ND	22	1.09	
2-Butanone	ND	22	1.09		Isopropylbenzene	ND	1.1	1.09	
n-Butylbenzene	ND	1.1	1.09		p-Isopropyltoluene	ND	1.1	1.09	
sec-Butylbenzene	ND	1.1	1.09		Methylene Chloride	ND	11	1.09	
tert-Butylbenzene	ND	1.1	1.09		4-Methyl-2-Pentanone	ND	22	1.09	
Carbon Disulfide	ND	11	1.09		Naphthalene	ND	11	1.09	
Carbon Tetrachloride	ND	1.1	1.09		n-Propylbenzene	ND	1.1	1.09	
Chlorobenzene	ND	1.1	1.09		Styrene	ND	1.1	1.09	
Chloroethane	ND	2.2	1.09		1,1,1,2-Tetrachloroethane	ND	1.1	1.09	
Chloroform	ND	1.1	1.09		1,1,2,2-Tetrachloroethane	ND	2.2	1.09	
Chloromethane	ND	22	1.09		Tetrachloroethene	ND	1.1	1.09	
2-Chlorotoluene	ND	1.1	1.09		Toluene	ND	1.1	1.09	
4-Chlorotoluene	ND	1.1	1.09		1,2,3-Trichlorobenzene	ND	2.2	1.09	
Dibromochloromethane	ND	2.2	1.09		1,2,4-Trichlorobenzene	ND	2.2	1.09	
1,2-Dibromo-3-Chloropropane	ND	5.4	1.09		1,1,1-Trichloroethane	ND	1.1	1.09	
1,2-Dibromoethane	ND	1.1	1.09		1,1,2-Trichloroethane	ND	1.1	1.09	
Dibromomethane	ND	1.1	1.09		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.09	
1,2-Dichlorobenzene	ND	1.1	1.09		Trichloroethene	ND	2.2	1.09	
1,3-Dichlorobenzene	ND	1.1	1.09		Trichlorofluoromethane	ND	11	1.09	
1,4-Dichlorobenzene	ND	1.1	1.09		1,2,3-Trichloropropane	ND	2.2	1.09	
Dichlorodifluoromethane	ND	2.2	1.09		1,2,4-Trimethylbenzene	ND	2.2	1.09	
1,1-Dichloroethane	ND	1.1	1.09		1,3,5-Trimethylbenzene	ND	2.2	1.09	
1,2-Dichloroethane	ND	1.1	1.09		Vinyl Acetate	ND	11	1.09	
1,1-Dichloroethene	ND	1.1	1.09		Vinyl Chloride	ND	1.1	1.09	
c-1,2-Dichloroethene	ND	1.1	1.09		p/m-Xylene	ND	2.2	1.09	
t-1,2-Dichloroethene	ND	1.1	1.09		o-Xylene	ND	1.1	1.09	
1,2-Dichloropropane	ND	1.1	1.09		Methyl-t-Butyl Ether (MTBE)	ND	2.2	1.09	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	116	71-137			1,2-Dichloroethane-d4	141	58-160		
1,4-Bromofluorobenzene	97	66-126			Toluene-d8	103	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	10/04/07
2020 East 1st Street, Suite 400		Work Order No:	07-10-0406
Santa Ana, CA 92705-4032		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg

Project: City of Anaheim / 28906973.02004 — Page 9 of 12

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-57-5	07-10-0406-32	10/04/07	Solid	GC/MS W	10/04/07	10/06/07	071006L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	0.998		1,3-Dichloropropane	ND	1.0	0.998	
Benzene	ND	1.0	0.998		2,2-Dichloropropane	ND	5.0	0.998	
Bromobenzene	ND	1.0	0.998		1,1-Dichloropropene	ND	2.0	0.998	
Bromochloromethane	ND	2.0	0.998		c-1,3-Dichloropropene	ND	1.0	0.998	
Bromodichloromethane	ND	1.0	0.998		t-1,3-Dichloropropene	ND	2.0	0.998	
Bromoform	ND	5.0	0.998		Ethylbenzene	ND	1.0	0.998	
Bromomethane	ND	20	0.998		2-Hexanone	ND	20	0.998	
2-Butanone	ND	20	0.998		Isopropylbenzene	ND	1.0	0.998	
n-Butylbenzene	ND	1.0	0.998		p-Isopropyltoluene	ND	1.0	0.998	
sec-Butylbenzene	ND	1.0	0.998		Methylene Chloride	ND	10	0.998	
tert-Butylbenzene	ND	1.0	0.998		4-Methyl-2-Pentanone	ND	20	0.998	
Carbon Disulfide	ND	10	0.998		Naphthalene	ND	10	0.998	
Carbon Tetrachloride	ND	1.0	0.998		n-Propylbenzene	ND	1.0	0.998	
Chlorobenzene	ND	1.0	0.998		Styrene	ND	1.0	0.998	
Chloroethane	ND	2.0	0.998		1,1,1,2-Tetrachloroethane	ND	1.0	0.998	
Chloroform	ND	1.0	0.998		1,1,2,2-Tetrachloroethane	ND	2.0	0.998	
Chloromethane	ND	20	0.998		Tetrachloroethene	ND	1.0	0.998	
2-Chlorotoluene	ND	1.0	0.998		Toluene	ND	1.0	0.998	
4-Chlorotoluene	ND	1.0	0.998		1,2,3-Trichlorobenzene	ND	2.0	0.998	
Dibromochloromethane	ND	2.0	0.998		1,2,4-Trichlorobenzene	ND	2.0	0.998	
1,2-Dibromo-3-Chloropropane	ND	5.0	0.998		1,1,1-Trichloroethane	ND	1.0	0.998	
1,2-Dibromoethane	ND	1.0	0.998		1,1,2-Trichloroethane	ND	1.0	0.998	
Dibromomethane	ND	1.0	0.998		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.998	
1,2-Dichlorobenzene	ND	1.0	0.998		Trichloroethene	ND	2.0	0.998	
1,3-Dichlorobenzene	ND	1.0	0.998		Trichlorofluoromethane	ND	10	0.998	
1,4-Dichlorobenzene	ND	1.0	0.998		1,2,3-Trichloropropane	ND	2.0	0.998	
Dichlorodifluoromethane	ND	2.0	0.998		1,2,4-Trimethylbenzene	ND	2.0	0.998	
1,1-Dichloroethane	ND	1.0	0.998		1,3,5-Trimethylbenzene	ND	2.0	0.998	
1,2-Dichloroethane	ND	1.0	0.998		Vinyl Acetate	ND	10	0.998	
1,1-Dichloroethene	ND	1.0	0.998		Vinyl Chloride	ND	1.0	0.998	
c-1,2-Dichloroethene	ND	1.0	0.998		p/m-Xylene	ND	2.0	0.998	
t-1,2-Dichloroethene	ND	1.0	0.998		o-Xylene	ND	1.0	0.998	
1,2-Dichloropropane	ND	1.0	0.998		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.998	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	120	71-137			1,2-Dichloroethane-d4	139	58-160		
1,4-Bromofluorobenzene	91	66-126			Toluene-d8	107	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-50-5	07-10-0406-36	10/04/07	Solid	GC/MS W	10/04/07	10/06/07	071006L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	53	1.06		1,3-Dichloropropane	ND	1.1	1.06	
Benzene	ND	1.1	1.06		2,2-Dichloropropane	ND	5.3	1.06	
Bromobenzene	ND	1.1	1.06		1,1-Dichloropropene	ND	2.1	1.06	
Bromochloromethane	ND	2.1	1.06		c-1,3-Dichloropropene	ND	1.1	1.06	
Bromodichloromethane	ND	1.1	1.06		t-1,3-Dichloropropene	ND	2.1	1.06	
Bromoform	ND	5.3	1.06		Ethylbenzene	ND	1.1	1.06	
Bromomethane	ND	21	1.06		2-Hexanone	ND	21	1.06	
2-Butanone	ND	21	1.06		Isopropylbenzene	ND	1.1	1.06	
n-Butylbenzene	ND	1.1	1.06		p-Isopropyltoluene	ND	1.1	1.06	
sec-Butylbenzene	ND	1.1	1.06		Methylene Chloride	ND	11	1.06	
tert-Butylbenzene	ND	1.1	1.06		4-Methyl-2-Pentanone	ND	21	1.06	
Carbon Disulfide	ND	11	1.06		Naphthalene	ND	11	1.06	
Carbon Tetrachloride	ND	1.1	1.06		n-Propylbenzene	ND	1.1	1.06	
Chlorobenzene	ND	1.1	1.06		Styrene	ND	1.1	1.06	
Chloroethane	ND	2.1	1.06		1,1,1,2-Tetrachloroethane	ND	1.1	1.06	
Chloroform	ND	1.1	1.06		1,1,2,2-Tetrachloroethane	ND	2.1	1.06	
Chloromethane	ND	21	1.06		Tetrachloroethene	ND	1.1	1.06	
2-Chlorotoluene	ND	1.1	1.06		Toluene	ND	1.1	1.06	
4-Chlorotoluene	ND	1.1	1.06		1,2,3-Trichlorobenzene	ND	2.1	1.06	
Dibromochloromethane	ND	2.1	1.06		1,2,4-Trichlorobenzene	ND	2.1	1.06	
1,2-Dibromo-3-Chloropropane	ND	5.3	1.06		1,1,1-Trichloroethane	ND	1.1	1.06	
1,2-Dibromoethane	ND	1.1	1.06		1,1,2-Trichloroethane	ND	1.1	1.06	
Dibromomethane	ND	1.1	1.06		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.06	
1,2-Dichlorobenzene	ND	1.1	1.06		Trichloroethene	ND	2.1	1.06	
1,3-Dichlorobenzene	ND	1.1	1.06		Trichlorofluoromethane	ND	11	1.06	
1,4-Dichlorobenzene	ND	1.1	1.06		1,2,3-Trichloropropane	ND	2.1	1.06	
Dichlorodifluoromethane	ND	2.1	1.06		1,2,4-Trimethylbenzene	ND	2.1	1.06	
1,1-Dichloroethane	ND	1.1	1.06		1,3,5-Trimethylbenzene	ND	2.1	1.06	
1,2-Dichloroethane	ND	1.1	1.06		Vinyl Acetate	ND	11	1.06	
1,1-Dichloroethene	ND	1.1	1.06		Vinyl Chloride	ND	1.1	1.06	
c-1,2-Dichloroethene	ND	1.1	1.06		p/m-Xylene	ND	2.1	1.06	
t-1,2-Dichloroethene	ND	1.1	1.06		o-Xylene	ND	1.1	1.06	
1,2-Dichloropropane	ND	1.1	1.06		Methyl-t-Butyl Ether (MTBE)	ND	2.1	1.06	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	119	71-137			1,2-Dichloroethane-d4	147	58-160		
1,4-Bromofluorobenzene	96	66-126			Toluene-d8	104	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-50-10	07-10-0406-37	10/04/07	Solid	GC/MS W	10/04/07	10/06/07	071006L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1.01		1,3-Dichloropropane	ND	1.0	1.01	
Benzene	ND	1.0	1.01		2,2-Dichloropropane	ND	5.0	1.01	
Bromobenzene	ND	1.0	1.01		1,1-Dichloropropene	ND	2.0	1.01	
Bromochloromethane	ND	2.0	1.01		c-1,3-Dichloropropene	ND	1.0	1.01	
Bromodichloromethane	ND	1.0	1.01		t-1,3-Dichloropropene	ND	2.0	1.01	
Bromoform	ND	5.0	1.01		Ethylbenzene	ND	1.0	1.01	
Bromomethane	ND	20	1.01		2-Hexanone	ND	20	1.01	
2-Butanone	ND	20	1.01		Isopropylbenzene	ND	1.0	1.01	
n-Butylbenzene	ND	1.0	1.01		p-Isopropyltoluene	ND	1.0	1.01	
sec-Butylbenzene	ND	1.0	1.01		Methylene Chloride	ND	10	1.01	
tert-Butylbenzene	ND	1.0	1.01		4-Methyl-2-Pentanone	ND	20	1.01	
Carbon Disulfide	ND	10	1.01		Naphthalene	ND	10	1.01	
Carbon Tetrachloride	ND	1.0	1.01		n-Propylbenzene	ND	1.0	1.01	
Chlorobenzene	ND	1.0	1.01		Styrene	ND	1.0	1.01	
Chloroethane	ND	2.0	1.01		1,1,1,2-Tetrachloroethane	ND	1.0	1.01	
Chloroform	ND	1.0	1.01		1,1,2,2-Tetrachloroethane	ND	2.0	1.01	
Chloromethane	ND	20	1.01		Tetrachloroethene	ND	1.0	1.01	
2-Chlorotoluene	ND	1.0	1.01		Toluene	ND	1.0	1.01	
4-Chlorotoluene	ND	1.0	1.01		1,2,3-Trichlorobenzene	ND	2.0	1.01	
Dibromochloromethane	ND	2.0	1.01		1,2,4-Trichlorobenzene	ND	2.0	1.01	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.01		1,1,1-Trichloroethane	ND	1.0	1.01	
1,2-Dibromoethane	ND	1.0	1.01		1,1,2-Trichloroethane	ND	1.0	1.01	
Dibromomethane	ND	1.0	1.01		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.01	
1,2-Dichlorobenzene	ND	1.0	1.01		Trichloroethene	ND	2.0	1.01	
1,3-Dichlorobenzene	ND	1.0	1.01		Trichlorofluoromethane	ND	10	1.01	
1,4-Dichlorobenzene	ND	1.0	1.01		1,2,3-Trichloropropane	ND	2.0	1.01	
Dichlorodifluoromethane	ND	2.0	1.01		1,2,4-Trimethylbenzene	ND	2.0	1.01	
1,1-Dichloroethane	ND	1.0	1.01		1,3,5-Trimethylbenzene	ND	2.0	1.01	
1,2-Dichloroethane	ND	1.0	1.01		Vinyl Acetate	ND	10	1.01	
1,1-Dichloroethene	ND	1.0	1.01		Vinyl Chloride	ND	1.0	1.01	
c-1,2-Dichloroethene	ND	1.0	1.01		p/m-Xylene	ND	2.0	1.01	
t-1,2-Dichloroethene	ND	1.0	1.01		o-Xylene	ND	1.0	1.01	
1,2-Dichloropropane	ND	1.0	1.01		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1.01	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	119	71-137			1,2-Dichloroethane-d4	144	58-160		
1,4-Bromofluorobenzene	90	66-126			Toluene-d8	103	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	10/04/07
2020 East 1st Street, Suite 400		Work Order No:	07-10-0406
Santa Ana, CA 92705-4032		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg

Project: City of Anaheim / 28906973.02004 — Page 12 of 12

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-15,085**	**N/A**	**Solid**	**GC/MS W**	**10/06/07**	**10/06/07**	**071006L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	1.0	1		2,2-Dichloropropane	ND	5.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	2.0	1	
Bromochloromethane	ND	2.0	1		c-1,3-Dichloropropene	ND	1.0	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromoform	ND	5.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	20	1		2-Hexanone	ND	20	1	
2-Butanone	ND	20	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	20	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	2.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chloromethane	ND	20	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Dibromochloromethane	ND	2.0	1		1,2,4-Trichlorobenzene	ND	2.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
Dichlorodifluoromethane	ND	2.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	2.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	71-137		1,2-Dichloroethane-d4	123	58-160	
1,4-Bromofluorobenzene	91	66-126		Toluene-d8	99	87-111	

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 3050B
Method: EPA 6010B

Project City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-50-10	**Solid**	**ICP 5300**	**10/05/07**	**10/05/07**	**071005S05**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	78	82	50-115	6	0-20	
Arsenic	108	113	75-125	4	0-20	
Barium	76	73	75-125	1	0-20	3
Beryllium	99	103	75-125	4	0-20	
Cadmium	100	107	75-125	6	0-20	
Chromium	107	109	75-125	1	0-20	
Cobalt	104	109	75-125	4	0-20	
Copper	98	104	75-125	5	0-20	
Lead	100	104	75-125	4	0-20	
Molybdenum	100	106	75-125	5	0-20	
Nickel	109	110	75-125	1	0-20	
Selenium	94	102	75-125	8	0-20	
Silver	96	103	75-125	6	0-20	
Thallium	67	74	75-125	10	0-20	3
Vanadium	108	105	75-125	2	0-20	
Zinc	88	89	75-125	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-50-10	**Solid**	**GC 15**	**10/05/07**	**10/05/07**	**071005S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	73	95	64-130	26	0-15	4

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 7471A Total
Method: EPA 7471A

Project City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-50-10	**Solid**	**Mercury**	**10/05/07**	**10/05/07**	**071005S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	131	131	84-138	0	0-7	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

URS Corporation		Date Received:	N/A
2020 East 1st Street, Suite 400		Work Order No:	07-10-0406
Santa Ana, CA 92705-4032		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-9,916	Solid	ICP 5300	10/05/07	071005-I-05	071005L05

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Antimony	25.0	25.6	103	80-120	
Arsenic	25.0	26.6	107	80-120	
Barium	25.0	26.7	107	80-120	
Beryllium	25.0	24.7	99	80-120	
Cadmium	25.0	26.7	107	80-120	
Chromium	25.0	26.7	107	80-120	
Cobalt	25.0	27.1	108	80-120	
Copper	25.0	25.1	100	80-120	
Lead	25.0	26.6	107	80-120	
Molybdenum	25.0	26.2	105	80-120	
Nickel	25.0	27.8	111	80-120	
Selenium	25.0	24.6	99	80-120	
Silver	12.5	12.7	102	80-120	
Thallium	25.0	26.0	104	80-120	
Vanadium	25.0	25.5	102	80-120	
Zinc	25.0	27.4	110	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 07-10-0406
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-275-1,047	**Solid**	**GC 15**	**10/05/07**	**10/05/07**	**071005B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	96	97	75-123	1	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 07-10-0406
Preparation: EPA 7471A Total
Method: EPA 7471A

Project: City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-4,998	Solid	Mercury	10/05/07	10/05/07	071005L03

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	90	90	87-117	0	0-3	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 07-10-0406
Preparation: EPA 5035
Method: EPA 8260B

Project: City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-15,085	Solid	GC/MS W	10/06/07	10/06/07	071006L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	91	95	85-115	4	0-11	
Carbon Tetrachloride	92	95	68-134	3	0-14	
Chlorobenzene	93	95	83-119	1	0-9	
1,2-Dibromoethane	96	103	80-120	7	0-20	
1,2-Dichlorobenzene	89	93	57-135	4	0-10	
1,1-Dichloroethene	93	99	72-120	6	0-10	
Ethylbenzene	95	97	80-120	2	0-20	
Toluene	95	95	67-127	1	0-10	
Trichloroethene	93	94	88-112	1	0-9	
Vinyl Chloride	84	84	57-129	0	0-16	
Methyl-t-Butyl Ether (MTBE)	87	94	76-124	7	0-12	
Tert-Butyl Alcohol (TBA)	61	69	31-145	13	0-23	
Diisopropyl Ether (DIPE)	92	95	74-128	3	0-10	
Ethyl-t-Butyl Ether (ETBE)	90	92	77-125	2	0-9	
Tert-Amyl-Methyl Ether (TAME)	92	97	81-123	5	0-10	
Ethanol	77	91	44-152	17	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-10-0406

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.
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.

URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

0406

Date: 10/4/2007
Page 1 of 4

☐ Data Requested in GISKey Format

Lab Name: Calscience	URS Project/PO Number: 28906973.02004
Client Name/Project Name/Location: City of Anaheim	Geo Tracker Information:
URS Project Manager: Tariq Hussain	EDF Reporting: Y N Global ID:
Sampler Name and Signature: C. Shen	COELT Log Number:

Requested Analyses:

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	6010/6020 Title 22 metals	THcc EDB/DBCP 8260B SIM	VOCs 8260B	HOLD	Special Instructions:
1	B-45-0	10/4	7:45	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA Terra core	4	X	X	X		Take sample from the end of sleeve marked "TOP"
2	B-45-5	10/4	8:05	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA Terra core	4				X	Provide EDD reports to cynthia_shen @urscorp.com
3	B-45-5D	10/4	8:10	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	1				X	
4	B-45-10	10/4	8:26	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	1				X	
5	B-45-17	10/4	8:40	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	1				X	
6	B-44-25	10/4	9:00	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA Terra core	4	X	X	X		
7	B-44-5	10/4	9:30	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA Terra Core	4				X	
8	B-44-10	10/4	9:35	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	1				X	
9	B-43-0	10/4	9:55	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		
10	B-43-0D	10/4	9:55	Y N	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		

Relinquished By:	Date:	Received By:	Date/Time:
	10/4/07	Britt Kolb	10-4-07 16:05
Britt Kolb CEL	10-4-07	CEL	10-4-07 1730
Relinquished By:	Date:	Received By:	Date/Time:

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: ____ 5 Day: ____
48 Hour: ____ Standard: ✓

Lab Use Only
Cooler Temperature*: ____
*Record upon arrival

URS

S=Solid L=Liquid G=Gas White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

0406

Date: 10/4/07
Page 4 of 4

☐ Data Requested in GISKey Format

Lab Name: Calscience
URS Project/PO Number: 28906973.02004
Client Name/Project Name/Location: City of Anaheim
Geo Tracker Information:
URS Project Manager: Tariq Hussain
EDF Reporting: Y N Global ID:
Sampler Name and Signature: C Shen
COELT Log Number:

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	Requested Analyses: metals	VOC	TPHcc	HOLD	Special Instructions:
1	B-57-1	10/4	1333	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
2	B-57-5	10/4	1340	(Y) N	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		
3	B-57-9.5	10/4	1400	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
4	B-57-15	10/4	1405	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
5	B-50-1	10/4	1426	(Y) N	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
6	B-50-5	10/4	1435	(Y) N	(S) L G	Acetate (SS) Brass Jar Encore ____ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		
7	B-50-10	10/4	1445	(Y) N	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		
8	B-50-15	10/4	1450	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
9				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA						
10				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA						

Relinquished By:	Date:	Received By:	Date/Time:
	10/4/07	Brett Kolb	10-4-07 16:05
Brett Kolb CH	10-4-07		10-4-07 1730
Relinquished By:	Date:	Received By:	Date/Time:

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: ____ 5 Day: ____
48 Hour: ____ Standard: ✓

Lab Use Only
Cooler Temperature*: ____
*Record upon arrival

URS

S=Solid L=Liquid G=Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 10 - 0406

Cooler 1 of 2

SAMPLE RECEIPT FORM

CLIENT: URS DATE: 10-4-07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
✓ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
2.4 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: BK

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: BK

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: BK

COMMENTS:

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 10 - 0406

Cooler 1 of 2

SAMPLE RECEIPT FORM

CLIENT: URS DATE: 10-4-07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- _____ Chilled, cooler with temperature blank provided.
- _____ Chilled, cooler without temperature blank.
- ✓ Chilled and placed in cooler with wet ice.
- _____ Ambient and placed in cooler with wet ice.
- _____ Ambient temperature.

2.9 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- _____ °C Temperature blank.
- _____ °C IR thermometer.
- _____ Ambient temperature.

Initial: BK

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: BK

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: BK

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

Supplemental Report 1

October 18, 2007

Additional requested analyses are reported as a stand-alone report.

Cynthia Shen
URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Subject: **Calscience Work Order No.:** **07-10-0406**
Client Reference: **City of Anaheim / 28906973.02004**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/4/2007 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
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-45-5	**07-10-0406-2**	**10/04/07**	**Solid**	**GC 6**	**10/12/07**	**10/13/07**	**071012B14**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		2		C21-C22	2.9		2	
C8	ND		2		C23-C24	3.4		2	
C9-C10	ND		2		C25-C28	14		2	
C11-C12	ND		2		C29-C32	28		2	
C13-C14	ND		2		C33-C36	26		2	
C15-C16	ND		2		C37-C40	30		2	
C17-C18	0.71		2		C41-C44	32		2	
C19-C20	1.7		2		C7-C44 Total	140	10	2	

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

B-45-5D	**07-10-0406-3**	**10/04/07**	**Solid**	**GC 6**	**10/12/07**	**10/13/07**	**071012B14**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		1		C21-C22	1.0		1	
C8	ND		1		C23-C24	1.5		1	
C9-C10	ND		1		C25-C28	3.9		1	
C11-C12	ND		1		C29-C32	6.7		1	
C13-C14	ND		1		C33-C36	5.7		1	
C15-C16	0.026		1		C37-C40	4.0		1	
C17-C18	0.39		1		C41-C44	7.2		1	
C19-C20	0.55		1		C7-C44 Total	31	5.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	97	61-145	

Method Blank	**099-12-275-1,061**	**N/A**	**Solid**	**GC 6**	**10/12/07**	**10/13/07**	**071012B14**

Parameter	Result	RL	DF	Qual
TPH as Diesel	ND	5.0	1	

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

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/04/07
Work Order No: 07-10-0406
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-10-0919-4	Solid	GC 6	10/12/07	10/13/07	071012S14

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	81	110	64-130	27	0-15	4

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 07-10-0406
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-275-1,061	Solid	GC 6	10/12/07	10/13/07	071012B14

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	97	97	75-123	0	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-10-0406

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.
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.

URS CORPORATION
2020 East First Street, Suite 400
Santa Ana, CA 92705
(714) 835-6886
FAX (714) 667-7147

CHAIN OF CUSTODY RECORD

0406

Date: 10/4/2007
Page 1 of 4

☐ Data Requested in GISKey Format

Lab Name: Calscience	URS Project/PO Number: 28906973.02004
Client Name/Project Name/Location: City of Anaheim	Geo Tracker Information:
URS Project Manager: Tariq Hussain	EDF Reporting: Y N Global ID:
Sampler Name and Signature: C. Shen	COELT Log Number:

Requested Analyses: 6010/7471 Title 22 metals; VOCs 8260B/5035; TPHcc 8015m; HOLD

Special Instructions: Take sample from the end of sleeve marked "TOP". Provide EDD reports to cynthia_shen@urscorp.com

#	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	Title 22 metals	VOCs	TPHcc	HOLD
1	B-45-0	10/4	7:45	Y	S	SS. Terra Core	4	X	X	X	
2	B-45-5	10/4	8:05	Y	S	Acetate Terra Core	4				X
3	B-45-5D	10/4	8:10	N	S	Acetate	1				X
4	B-45-10	10/4	8:26	N	S	Acetate	1				X
5	B-45-17	10/4	8:40	N	S	Acetate	1				X
6	B-44-0.5	10/4	9:00	Y	S	SS. Terra Core	4	X	X	X	
7	B-44-5	10/4	9:30	Y	S	SS. Terra Core	4				X
8	B-44-10	10/4	9:35	N	S	Acetate	1				X
9	B-~~43~~-0	10/4	9:55	Y	S	SS. Terra Core	4	X	X	X	
10	B-43-0D	10/4	9:55	Y	S	SS. Terra Core	4	X	X	X	

(Container type options: Acetate SS. Brass Jar Encore ___ml Amb. Plas. Glass VOA)

Relinquished By:	Date:	Received By:	Date/Time:
[signature]	10/4/07	Britt Kolb	10-4-07 16:05
Britt Kolb CEL	10-4-07	[signature] CEL	10-4-07 1730

Turnaround Time: (Check) Same Day: ___ 72 Hour: ___ 24 Hour: ___ 5 Day: ___ 48 Hour: ___ Standard: ✓

Lab Use Only
Cooler Temperature*: ___
*Record upon arrival

S=Solid L=Liquid G=Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

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CHAIN OF CUSTODY RECORD

0406

Date: 10/4/2007

☐ Data Requested in GISKey Format

Lab Name: Calscience
Client Name/Project Name/Location: City of Anaheim
URS Project Manager: Tane Husain
Sampler Name and Signature: Cynthia Shen
URS Project/PO Number: 28906973.02004
Geo Tracker Information:
EDF Reporting: Y N Global ID:
COELT Log Number:

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	Requested Analyses: Title 22 metals	VOCs	TPHcc	HOLD	Special Instructions:
1	B-43-~~10~~ 5 (CS)	10/4	10:15	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
2	B-43-10	10/4	10:25	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
3	B-43-15	10/4	10:34	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
4	B-59-1	10/4	10:55	Y (N)	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA Terracore	4	X	X			
5	B-59-5	10/4	11:15	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
6	B-59-12	10/4	11:25	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
7	B-59-15	10/4	11:30	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
8	B-58-1	10/4	11:55	Y (N)	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X		
9	B-58-5	10/4	12:07	Y (N)	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X		
10	B-58-10	10/4	12:18	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X		

Relinquished By:	Date:	Received By:	Date/Time:
	10/4/07	Brett Kelly	10-4-07 16:05
Brett Kelly CEL	10-4-07		10-4-07 17:30

Turnaround Time: (Check)
Same Day:____ 72 Hour:____
24 Hour:____ 5 Day:____
48 Hour:____ Standard: ✓

Lab Use Only
Cooler Temperature*:_____
*Record upon arrival

URS

S=Solid L=Liquid G=Gas

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CHAIN OF CUSTODY RECORD

0406

Date: 10/4/07

☐ Data Requested in GISKey Format

Lab Name: Calscience	URS Project/PO Number: 28906973.02004
Client Name/Project Name/Location: City of Anaheim	Geo Tracker Information:
URS Project Manager: Tariq Hussain	EDF Reporting: Y N Global ID:
Sampler Name and Signature: C. Shen	COELT Log Number:

Requested Analyses: Title 22 metals; VOCs; TPHcc; HOLD; Special Instructions:

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	Title 22 metals	VOCs	TPHcc	HOLD	Special Instructions:
1	B-58-10D	10/4	1218	Y (N)	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X		
2	B-58-15	10/4	1220	Y (N)	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1			X		
3	B-55-1	10/4	1234	Y (N)	S L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
4	B-55-5	10/4	1240	Y N	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA TerraCore	4	X	X	X		
5	B-55-10	10/4	1245	Y N	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA TerraCore	4	X	X	X		
6	B-55-15	10/4	1250	Y (N)	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
7	B-~~56~~ 55-1	10/4	1305	Y (N)	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
8	B-~~56~~ 55-5	10/4	1313	Y N	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA TerraCore	4	X	X	X		
9	B-~~56~~ 55-9.5	10/4	1323	Y (N)	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
10	B-56-15	10/4	1325	Y (N)	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	

Relinquished By:	Date:	Received By:	Date/Time:
	10/4/07	Brett Kalb	10-4-07 16:05
Brett Kalb CEL	10-4-07		10-4-07 1730

Turnaround Time: (Check)

Same Day:	72 Hour:
24 Hour:	5 Day:
48 Hour:	Standard: ✓

Lab Use Only
Cooler Temperature*: _____
*Record upon arrival

URS

S=Solid L=Liquid G=Gas

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CHAIN OF CUSTODY RECORD

0406

Date: 10/4/07
Page 4 of 4

☐ Data Requested in GISKey Format

Lab Name: Calscience
URS Project/PO Number: 28906973.02004
Client Name/Project Name/Location: City of Anaheim
Geo Tracker Information:
URS Project Manager: Tang Hussain
EDF Reporting: Y N Global ID:
Sampler Name and Signature: C Shen
COELT Log Number:

Requested Analyses: metals; VOC; TPHcc; HOLD

Special Instructions:

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	metals	VOC	TPHcc	HOLD
1	B-57-1	10/4	1333	Y (N)	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X
2	B-57-5	10/4	1340	(Y) N	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA Terra Core	4	X	X	X	
3	B-57-9.5	10/4	1400	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X
4	B-57-15	10/4	1405	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X
5	B-50-1	10/4	1426	(Y) N	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X
6	B-50-5	10/4	1435	(Y) N	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA Terra Core	4	X	X	X	
7	B-50-10	10/4	1445	(Y) N	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA Terra Core	4	X	X	X	
8	B-50-15	10/4	1450	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X
9				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA					
10				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA					

Relinquished By:	Date:	Received By:	Date/Time:
	10/4/07	Brett Kolb	10-4-07 16:05
Brett Kolb CH2	10-4-07		10-4-07 1330

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: ____ 5 Day: ____
48 Hour: ____ Standard: ✓

Lab Use Only
Cooler Temperature*: ____
*Record upon arrival

URS

S=Solid L=Liquid G=Gas

White Copy in Final Report, Yellow to File, Pink to URS at Dropoff

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 1D - 0406

Cooler 1 of 2

SAMPLE RECEIPT FORM

CLIENT: URS DATE: 10-4-07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- _____ Chilled, cooler with temperature blank provided.
- _____ Chilled, cooler without temperature blank.
- ✓ Chilled and placed in cooler with wet ice.
- _____ Ambient and placed in cooler with wet ice.
- _____ Ambient temperature.

2.4 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- _____ °C Temperature blank.
- _____ °C IR thermometer.
- _____ Ambient temperature.

Initial: BK

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: BK

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: BK

COMMENTS:

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 10 - 0406

Cooler 1 of 2

SAMPLE RECEIPT FORM

CLIENT: URS DATE: 10-4-07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- _____ Chilled, cooler with temperature blank provided.
- _____ Chilled, cooler without temperature blank.
- ✓ Chilled and placed in cooler with wet ice.
- _____ Ambient and placed in cooler with wet ice.
- _____ Ambient temperature.

2.9 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- _____ °C Temperature blank.
- _____ °C IR thermometer.
- _____ Ambient temperature.

Initial: BK

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: BK

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: BK

COMMENTS:

Vikas Patel

From: Cynthia_Shen@URSCorp.com
Sent: Thursday, October 11, 2007 2:51 PM
To: Vikas Patel
Subject: Rpt 07-10-0406

Vik,

Please analyze samples B-45-5 and B-45-5D for TPHcc.

Thanks,

Cynthia Shen, P.E.
Project Engineer
URS Corporation
2020 East First Street, Suite 400
Santa Ana, CA 92705
Tel: 714-835-6886
Direct: 714-648-2810
Fax: 714-667-7147
cynthia_shen@urscorp.com

Calscience
Environmental
Laboratories, Inc.

October 18, 2007

Cynthia Shen
URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Subject: **Calscience Work Order No.: 07-10-0475**
Client Reference: City of Anaheim / 28906973.02004

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/5/2007 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
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-51-1	07-10-0475-1	10/05/07	Solid	ICP 5300	10/08/07	10/08/07	071008L04

Comment(s): -Mercury was analyzed on 10/8/2007 6:50:02 PM with batch 071008L06

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	2.90	0.750	1		Molybdenum	0.802	0.250	1	
Barium	90.7	0.500	1		Nickel	11.4	0.250	1	
Beryllium	0.396	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	14.0	0.250	1		Thallium	ND	0.750	1	
Cobalt	7.37	0.250	1		Vanadium	30.1	0.250	1	
Copper	15.7	0.500	1		Zinc	69.9	1.00	1	
Lead	7.21	0.500	1						

B-51-5	07-10-0475-2	10/05/07	Solid	ICP 5300	10/08/07	10/08/07	071008L04

Comment(s): -Mercury was analyzed on 10/8/2007 6:52:17 PM with batch 071008L06

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	0.807	0.750	1		Molybdenum	ND	0.250	1	
Barium	22.7	0.500	1		Nickel	3.03	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	3.94	0.250	1		Thallium	ND	0.750	1	
Cobalt	2.62	0.250	1		Vanadium	10.0	0.250	1	
Copper	2.81	0.500	1		Zinc	16.4	1.00	1	
Lead	1.26	0.500	1						

B-51-5D	07-10-0475-3	10/05/07	Solid	ICP 5300	10/08/07	10/08/07	071008L04

Comment(s): -Mercury was analyzed on 10/8/2007 6:54:31 PM with batch 071008L06

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	18.3	0.500	1		Nickel	2.43	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	3.16	0.250	1		Thallium	ND	0.750	1	
Cobalt	2.13	0.250	1		Vanadium	8.45	0.250	1	
Copper	2.26	0.500	1		Zinc	13.3	1.00	1	
Lead	0.739	0.500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-52-1	07-10-0475-6	10/05/07	Solid	ICP 5300	10/08/07	10/08/07	071008L04

Comment(s): -Mercury was analyzed on 10/8/2007 7:01:17 PM with batch 071008L06

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.128	0.0835	1	
Arsenic	4.28	0.750	1		Molybdenum	0.334	0.250	1	
Barium	76.8	0.500	1		Nickel	11.3	0.250	1	
Beryllium	0.406	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	15.3	0.250	1		Thallium	ND	0.750	1	
Cobalt	7.53	0.250	1		Vanadium	30.3	0.250	1	
Copper	20.3	0.500	1		Zinc	78.9	1.00	1	
Lead	15.6	0.500	1						

B-52-5	07-10-0475-7	10/05/07	Solid	ICP 5300	10/08/07	10/08/07	071008L04

Comment(s): -Mercury was analyzed on 10/8/2007 7:03:32 PM with batch 071008L06

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	18.8	0.500	1		Nickel	2.68	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	3.61	0.250	1		Thallium	ND	0.750	1	
Cobalt	2.57	0.250	1		Vanadium	10.1	0.250	1	
Copper	2.55	0.500	1		Zinc	15.2	1.00	1	
Lead	0.628	0.500	1						

B-53-1	07-10-0475-10	10/05/07	Solid	ICP 5300	10/08/07	10/08/07	071008L04

Comment(s): -Mercury was analyzed on 10/8/2007 7:05:47 PM with batch 071008L06

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	0.0957	0.0835	1	
Arsenic	6.55	0.750	1		Molybdenum	1.52	0.250	1	
Barium	115	0.500	1		Nickel	11.2	0.250	1	
Beryllium	0.356	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	13.0	0.250	1		Thallium	ND	0.750	1	
Cobalt	7.39	0.250	1		Vanadium	28.1	0.250	1	
Copper	15.7	0.500	1		Zinc	72.6	1.00	1	
Lead	40.0	0.500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-53-5	07-10-0475-11	10/05/07	Solid	ICP 5300	10/08/07	10/08/07	071008L04

Comment(s): -Mercury was analyzed on 10/8/2007 7:08:04 PM with batch 071008L06

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	39.7	0.500	1		Nickel	2.74	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	3.44	0.250	1		Thallium	ND	0.750	1	
Cobalt	2.49	0.250	1		Vanadium	8.97	0.250	1	
Copper	2.66	0.500	1		Zinc	26.1	1.00	1	
Lead	0.643	0.500	1						

B-54-1	07-10-0475-14	10/05/07	Solid	ICP 5300	10/08/07	10/08/07	071008L04

Comment(s): -Mercury was analyzed on 10/8/2007 7:10:17 PM with batch 071008L06

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	3.05	0.750	1		Molybdenum	0.559	0.250	1	
Barium	101	0.500	1		Nickel	12.1	0.250	1	
Beryllium	0.417	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	15.3	0.250	1		Thallium	ND	0.750	1	
Cobalt	8.07	0.250	1		Vanadium	31.0	0.250	1	
Copper	17.9	0.500	1		Zinc	84.3	1.00	1	
Lead	10.9	0.500	1						

B-54-5	07-10-0475-15	10/05/07	Solid	ICP 5300	10/08/07	10/08/07	071008L04

Comment(s): -Mercury was analyzed on 10/8/2007 6:43:25 PM with batch 071008L06

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	22.9	0.500	1		Nickel	3.22	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	4.21	0.250	1		Thallium	ND	0.750	1	
Cobalt	2.78	0.250	1		Vanadium	10.5	0.250	1	
Copper	3.89	0.500	1		Zinc	18.4	1.00	1	
Lead	0.943	0.500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation	Date Received: 10/05/07
2020 East 1st Street, Suite 400	Work Order No: 07-10-0475
Santa Ana, CA 92705-4032	Preparation: EPA 3050B / EPA 7471A Total
	Method: EPA 6010B / EPA 7471A
	Units: mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-49-5	07-10-0475-19	10/05/07	Solid	ICP 5300	10/08/07	10/08/07	071008L04

Comment(s): -Mercury was analyzed on 10/8/2007 7:12:26 PM with batch 071008L06

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	38.5	0.500	1		Nickel	2.83	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	3.67	0.250	1		Thallium	ND	0.750	1	
Cobalt	2.61	0.250	1		Vanadium	9.17	0.250	1	
Copper	2.33	0.500	1		Zinc	26.3	1.00	1	
Lead	0.676	0.500	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-48-5	07-10-0475-23	10/05/07	Solid	ICP 5300	10/08/07	10/08/07	071008L04

Comment(s): -Mercury was analyzed on 10/8/2007 7:14:37 PM with batch 071008L06

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	ND	0.750	1		Molybdenum	ND	0.250	1	
Barium	16.7	0.500	1		Nickel	2.25	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	3.02	0.250	1		Thallium	ND	0.750	1	
Cobalt	1.86	0.250	1		Vanadium	6.90	0.250	1	
Copper	2.32	0.500	1		Zinc	11.0	1.00	1	
Lead	0.867	0.500	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-46-5	07-10-0475-27	10/05/07	Solid	ICP 5300	10/08/07	10/08/07	071008L04

Comment(s): -Mercury was analyzed on 10/8/2007 7:16:48 PM with batch 071008L06

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0.0835	1	
Arsenic	1.30	0.750	1		Molybdenum	0.257	0.250	1	
Barium	56.5	0.500	1		Nickel	4.51	0.250	1	
Beryllium	ND	0.250	1		Selenium	ND	0.750	1	
Cadmium	ND	0.500	1		Silver	ND	0.250	1	
Chromium	5.50	0.250	1		Thallium	ND	0.750	1	
Cobalt	3.57	0.250	1		Vanadium	13.6	0.250	1	
Copper	5.96	0.500	1		Zinc	33.6	1.00	1	
Lead	2.05	0.500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation	Date Received: 10/05/07
2020 East 1st Street, Suite 400	Work Order No: 07-10-0475
Santa Ana, CA 92705-4032	Preparation: EPA 3550B
	Method: EPA 8015B (M)
	Units: mg/kg

Project: City of Anaheim / 28906973.02004 — Page 1 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-51-1	**07-10-0475-1**	**10/05/07**	**Solid**	**GC 3**	**10/05/07**	**10/05/07**	**071005B07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		1		C21-C22	0.97		1	
C8	ND		1		C23-C24	0.43		1	
C9-C10	ND		1		C25-C28	0.10		1	
C11-C12	0.36		1		C29-C32	ND		1	
C13-C14	1.3		1		C33-C36	ND		1	
C15-C16	1.5		1		C37-C40	ND		1	
C17-C18	0.84		1		C41-C44	ND		1	
C19-C20	1.2		1		C7-C44 Total	6.7	5.0	1	

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

B-51-5	**07-10-0475-2**	**10/05/07**	**Solid**	**GC 3**	**10/05/07**	**10/05/07**	**071005B07**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	98	61-145	

B-51-5D	**07-10-0475-3**	**10/05/07**	**Solid**	**GC 3**	**10/05/07**	**10/05/07**	**071005B07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		1		C21-C22	ND		1	
C8	ND		1		C23-C24	ND		1	
C9-C10	ND		1		C25-C28	ND		1	
C11-C12	ND		1		C29-C32	ND		1	
C13-C14	ND		1		C33-C36	ND		1	
C15-C16	ND		1		C37-C40	ND		1	
C17-C18	ND		1		C41-C44	ND		1	
C19-C20	ND		1		C7-C44 Total	ND	5.0	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
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-52-1	07-10-0475-6	10/05/07	Solid	GC 3	10/05/07	10/06/07	071005B07

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

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

B-52-5	07-10-0475-7	10/05/07	Solid	GC 3	10/05/07	10/06/07	071005B07

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

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

B-53-1	07-10-0475-10	10/05/07	Solid	GC 3	10/05/07	10/06/07	071005B07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		1		C21-C22	ND		1	
C8	ND		1		C23-C24	ND		1	
C9-C10	ND		1		C25-C28	ND		1	
C11-C12	ND		1		C29-C32	ND		1	
C13-C14	ND		1		C33-C36	ND		1	
C15-C16	ND		1		C37-C40	ND		1	
C17-C18	ND		1		C41-C44	ND		1	
C19-C20	ND		1		C7-C44 Total	ND	5.0	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
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-53-5	07-10-0475-11	10/05/07	Solid	GC 3	10/05/07	10/06/07	071005B07

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	102	61-145	

B-54-1	07-10-0475-14	10/05/07	Solid	GC 3	10/05/07	10/06/07	071005B07

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	102	61-145	

B-54-5	07-10-0475-15	10/05/07	Solid	GC 3	10/05/07	10/06/07	071005B07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		1		C21-C22	ND		1	
C8	ND		1		C23-C24	ND		1	
C9-C10	ND		1		C25-C28	ND		1	
C11-C12	ND		1		C29-C32	ND		1	
C13-C14	ND		1		C33-C36	ND		1	
C15-C16	ND		1		C37-C40	ND		1	
C17-C18	ND		1		C41-C44	ND		1	
C19-C20	ND		1		C7-C44 Total	ND	5.0	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: 10/05/07
2020 East 1st Street, Suite 400	Work Order No: 07-10-0475
Santa Ana, CA 92705-4032	Preparation: EPA 3550B
	Method: EPA 8015B (M)
	Units: mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-49-5	**07-10-0475-19**	**10/05/07**	**Solid**	**GC 3**	**10/05/07**	**10/06/07**	**071005B07**

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

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

B-48-5	07-10-0475-23	10/05/07	Solid	GC 3	10/05/07	10/06/07	071005B07

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

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

B-46-5	07-10-0475-27	10/05/07	Solid	GC 3	10/05/07	10/06/07	071005B07

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C7	ND		1		C21-C22	ND		1	
C8	ND		1		C23-C24	ND		1	
C9-C10	ND		1		C25-C28	ND		1	
C11-C12	ND		1		C29-C32	ND		1	
C13-C14	ND		1		C33-C36	ND		1	
C15-C16	ND		1		C37-C40	ND		1	
C17-C18	ND		1		C41-C44	ND		1	
C19-C20	ND		1		C7-C44 Total	ND	5.0	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
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-47-5	**07-10-0475-31**	**10/05/07**	**Solid**	**GC 3**	**10/05/07**	**10/06/07**	**071005B07**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	97	61-145	

Method Blank	**099-12-275-1,052**	**N/A**	**Solid**	**GC 3**	**10/05/07**	**10/05/07**	**071005B07**

Parameter	Result	RL	DF	Qual
TPH as Diesel	ND	5.0	1	

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

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-51-1	07-10-0475-1	10/05/07	Solid	GC/MS JJ	10/05/07	10/08/07	071008L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	59	41	0.82		1,3-Dichloropropane	ND	0.82	0.82	
Benzene	0.99	0.82	0.82		2,2-Dichloropropane	ND	4.1	0.82	
Bromobenzene	ND	0.82	0.82		1,1-Dichloropropene	ND	1.6	0.82	
Bromochloromethane	ND	1.6	0.82		c-1,3-Dichloropropene	ND	0.82	0.82	
Bromodichloromethane	ND	0.82	0.82		t-1,3-Dichloropropene	ND	1.6	0.82	
Bromoform	ND	4.1	0.82		Ethylbenzene	ND	0.82	0.82	
Bromomethane	ND	16	0.82		2-Hexanone	ND	16	0.82	
2-Butanone	ND	16	0.82		Isopropylbenzene	ND	0.82	0.82	
n-Butylbenzene	ND	0.82	0.82		p-Isopropyltoluene	ND	0.82	0.82	
sec-Butylbenzene	ND	0.82	0.82		Methylene Chloride	ND	8.2	0.82	
tert-Butylbenzene	ND	0.82	0.82		4-Methyl-2-Pentanone	ND	16	0.82	
Carbon Disulfide	ND	8.2	0.82		Naphthalene	ND	8.2	0.82	
Carbon Tetrachloride	ND	0.82	0.82		n-Propylbenzene	ND	0.82	0.82	
Chlorobenzene	ND	0.82	0.82		Styrene	ND	0.82	0.82	
Chloroethane	ND	1.6	0.82		1,1,1,2-Tetrachloroethane	ND	0.82	0.82	
Chloroform	ND	0.82	0.82		1,1,2,2-Tetrachloroethane	ND	1.6	0.82	
Chloromethane	ND	16	0.82		Tetrachloroethene	ND	0.82	0.82	
2-Chlorotoluene	ND	0.82	0.82		Toluene	ND	0.82	0.82	
4-Chlorotoluene	ND	0.82	0.82		1,2,3-Trichlorobenzene	ND	1.6	0.82	
Dibromochloromethane	ND	1.6	0.82		1,2,4-Trichlorobenzene	ND	1.6	0.82	
1,2-Dibromo-3-Chloropropane	ND	4.1	0.82		1,1,1-Trichloroethane	ND	0.82	0.82	
1,2-Dibromoethane	ND	0.82	0.82		1,1,2-Trichloroethane	ND	0.82	0.82	
Dibromomethane	ND	0.82	0.82		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.2	0.82	
1,2-Dichlorobenzene	ND	0.82	0.82		Trichloroethene	ND	1.6	0.82	
1,3-Dichlorobenzene	ND	0.82	0.82		Trichlorofluoromethane	ND	8.2	0.82	
1,4-Dichlorobenzene	ND	0.82	0.82		1,2,3-Trichloropropane	ND	1.6	0.82	
Dichlorodifluoromethane	ND	1.6	0.82		1,2,4-Trimethylbenzene	ND	1.6	0.82	
1,1-Dichloroethane	ND	0.82	0.82		1,3,5-Trimethylbenzene	ND	1.6	0.82	
1,2-Dichloroethane	ND	0.82	0.82		Vinyl Acetate	ND	8.2	0.82	
1,1-Dichloroethene	ND	0.82	0.82		Vinyl Chloride	ND	0.82	0.82	
c-1,2-Dichloroethene	ND	0.82	0.82		p/m-Xylene	ND	1.6	0.82	
t-1,2-Dichloroethene	ND	0.82	0.82		o-Xylene	ND	0.82	0.82	
1,2-Dichloropropane	ND	0.82	0.82		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.82	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	111	71-137			1,2-Dichloroethane-d4	123	58-160		
1,4-Bromofluorobenzene	99	66-126			Toluene-d8	103	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-51-5	07-10-0475-2	10/05/07	Solid	GC/MS JJ	10/05/07	10/08/07	071008L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	47	0.949		1,3-Dichloropropane	ND	0.95	0.949	
Benzene	ND	0.95	0.949		2,2-Dichloropropane	ND	4.7	0.949	
Bromobenzene	ND	0.95	0.949		1,1-Dichloropropene	ND	1.9	0.949	
Bromochloromethane	ND	1.9	0.949		c-1,3-Dichloropropene	ND	0.95	0.949	
Bromodichloromethane	ND	0.95	0.949		t-1,3-Dichloropropene	ND	1.9	0.949	
Bromoform	ND	4.7	0.949		Ethylbenzene	ND	0.95	0.949	
Bromomethane	ND	19	0.949		2-Hexanone	ND	19	0.949	
2-Butanone	ND	19	0.949		Isopropylbenzene	ND	0.95	0.949	
n-Butylbenzene	ND	0.95	0.949		p-Isopropyltoluene	ND	0.95	0.949	
sec-Butylbenzene	ND	0.95	0.949		Methylene Chloride	ND	9.5	0.949	
tert-Butylbenzene	ND	0.95	0.949		4-Methyl-2-Pentanone	ND	19	0.949	
Carbon Disulfide	ND	9.5	0.949		Naphthalene	ND	9.5	0.949	
Carbon Tetrachloride	ND	0.95	0.949		n-Propylbenzene	ND	0.95	0.949	
Chlorobenzene	ND	0.95	0.949		Styrene	ND	0.95	0.949	
Chloroethane	ND	1.9	0.949		1,1,1,2-Tetrachloroethane	ND	0.95	0.949	
Chloroform	ND	0.95	0.949		1,1,2,2-Tetrachloroethane	ND	1.9	0.949	
Chloromethane	ND	19	0.949		Tetrachloroethene	ND	0.95	0.949	
2-Chlorotoluene	ND	0.95	0.949		Toluene	ND	0.95	0.949	
4-Chlorotoluene	ND	0.95	0.949		1,2,3-Trichlorobenzene	ND	1.9	0.949	
Dibromochloromethane	ND	1.9	0.949		1,2,4-Trichlorobenzene	ND	1.9	0.949	
1,2-Dibromo-3-Chloropropane	ND	4.7	0.949		1,1,1-Trichloroethane	ND	0.95	0.949	
1,2-Dibromoethane	ND	0.95	0.949		1,1,2-Trichloroethane	ND	0.95	0.949	
Dibromomethane	ND	0.95	0.949		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.5	0.949	
1,2-Dichlorobenzene	ND	0.95	0.949		Trichloroethene	ND	1.9	0.949	
1,3-Dichlorobenzene	ND	0.95	0.949		Trichlorofluoromethane	ND	9.5	0.949	
1,4-Dichlorobenzene	ND	0.95	0.949		1,2,3-Trichloropropane	ND	1.9	0.949	
Dichlorodifluoromethane	ND	1.9	0.949		1,2,4-Trimethylbenzene	ND	1.9	0.949	
1,1-Dichloroethane	ND	0.95	0.949		1,3,5-Trimethylbenzene	ND	1.9	0.949	
1,2-Dichloroethane	ND	0.95	0.949		Vinyl Acetate	ND	9.5	0.949	
1,1-Dichloroethene	ND	0.95	0.949		Vinyl Chloride	ND	0.95	0.949	
c-1,2-Dichloroethene	ND	0.95	0.949		p/m-Xylene	ND	1.9	0.949	
t-1,2-Dichloroethene	ND	0.95	0.949		o-Xylene	ND	0.95	0.949	
1,2-Dichloropropane	ND	0.95	0.949		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.949	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	111	71-137		1,2-Dichloroethane-d4	122	58-160	
1,4-Bromofluorobenzene	103	66-126		Toluene-d8	102	87-111	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-51-5D	07-10-0475-3	10/05/07	Solid	GC/MS JJ	10/05/07	10/08/07	071008L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	52	1.04		1,3-Dichloropropane	ND	1.0	1.04	
Benzene	ND	1.0	1.04		2,2-Dichloropropane	ND	5.2	1.04	
Bromobenzene	ND	1.0	1.04		1,1-Dichloropropene	ND	2.1	1.04	
Bromochloromethane	ND	2.1	1.04		c-1,3-Dichloropropene	ND	1.0	1.04	
Bromodichloromethane	ND	1.0	1.04		t-1,3-Dichloropropene	ND	2.1	1.04	
Bromoform	ND	5.2	1.04		Ethylbenzene	ND	1.0	1.04	
Bromomethane	ND	21	1.04		2-Hexanone	ND	21	1.04	
2-Butanone	ND	21	1.04		Isopropylbenzene	ND	1.0	1.04	
n-Butylbenzene	ND	1.0	1.04		p-Isopropyltoluene	ND	1.0	1.04	
sec-Butylbenzene	ND	1.0	1.04		Methylene Chloride	ND	10	1.04	
tert-Butylbenzene	ND	1.0	1.04		4-Methyl-2-Pentanone	ND	21	1.04	
Carbon Disulfide	ND	10	1.04		Naphthalene	ND	10	1.04	
Carbon Tetrachloride	ND	1.0	1.04		n-Propylbenzene	ND	1.0	1.04	
Chlorobenzene	ND	1.0	1.04		Styrene	ND	1.0	1.04	
Chloroethane	ND	2.1	1.04		1,1,1,2-Tetrachloroethane	ND	1.0	1.04	
Chloroform	ND	1.0	1.04		1,1,2,2-Tetrachloroethane	ND	2.1	1.04	
Chloromethane	ND	21	1.04		Tetrachloroethene	ND	1.0	1.04	
2-Chlorotoluene	ND	1.0	1.04		Toluene	ND	1.0	1.04	
4-Chlorotoluene	ND	1.0	1.04		1,2,3-Trichlorobenzene	ND	2.1	1.04	
Dibromochloromethane	ND	2.1	1.04		1,2,4-Trichlorobenzene	ND	2.1	1.04	
1,2-Dibromo-3-Chloropropane	ND	5.2	1.04		1,1,1-Trichloroethane	ND	1.0	1.04	
1,2-Dibromoethane	ND	1.0	1.04		1,1,2-Trichloroethane	ND	1.0	1.04	
Dibromomethane	ND	1.0	1.04		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.04	
1,2-Dichlorobenzene	ND	1.0	1.04		Trichloroethene	ND	2.1	1.04	
1,3-Dichlorobenzene	ND	1.0	1.04		Trichlorofluoromethane	ND	10	1.04	
1,4-Dichlorobenzene	ND	1.0	1.04		1,2,3-Trichloropropane	ND	2.1	1.04	
Dichlorodifluoromethane	ND	2.1	1.04		1,2,4-Trimethylbenzene	ND	2.1	1.04	
1,1-Dichloroethane	ND	1.0	1.04		1,3,5-Trimethylbenzene	ND	2.1	1.04	
1,2-Dichloroethane	ND	1.0	1.04		Vinyl Acetate	ND	10	1.04	
1,1-Dichloroethene	ND	1.0	1.04		Vinyl Chloride	ND	1.0	1.04	
c-1,2-Dichloroethene	ND	1.0	1.04		p/m-Xylene	ND	2.1	1.04	
t-1,2-Dichloroethene	ND	1.0	1.04		o-Xylene	ND	1.0	1.04	
1,2-Dichloropropane	ND	1.0	1.04		Methyl-t-Butyl Ether (MTBE)	ND	2.1	1.04	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	71-137		1,2-Dichloroethane-d4	122	58-160	
1,4-Bromofluorobenzene	99	66-126		Toluene-d8	103	87-111	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	10/05/07
2020 East 1st Street, Suite 400		Work Order No:	07-10-0475
Santa Ana, CA 92705-4032		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg

Project: City of Anaheim / 28906973.02004 — Page 4 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-52-1	07-10-0475-6	10/05/07	Solid	GC/MS BB	10/05/07	10/08/07	071008L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	41	0.829		1,3-Dichloropropane	ND	0.83	0.829	
Benzene	ND	0.83	0.829		2,2-Dichloropropane	ND	4.1	0.829	
Bromobenzene	ND	0.83	0.829		1,1-Dichloropropene	ND	1.7	0.829	
Bromochloromethane	ND	1.7	0.829		c-1,3-Dichloropropene	ND	0.83	0.829	
Bromodichloromethane	ND	0.83	0.829		t-1,3-Dichloropropene	ND	1.7	0.829	
Bromoform	ND	4.1	0.829		Ethylbenzene	ND	0.83	0.829	
Bromomethane	ND	17	0.829		2-Hexanone	ND	17	0.829	
2-Butanone	ND	17	0.829		Isopropylbenzene	ND	0.83	0.829	
n-Butylbenzene	ND	0.83	0.829		p-Isopropyltoluene	ND	0.83	0.829	
sec-Butylbenzene	ND	0.83	0.829		Methylene Chloride	ND	8.3	0.829	
tert-Butylbenzene	ND	0.83	0.829		4-Methyl-2-Pentanone	ND	17	0.829	
Carbon Disulfide	ND	8.3	0.829		Naphthalene	ND	8.3	0.829	
Carbon Tetrachloride	ND	0.83	0.829		n-Propylbenzene	ND	0.83	0.829	
Chlorobenzene	ND	0.83	0.829		Styrene	ND	0.83	0.829	
Chloroethane	ND	1.7	0.829		1,1,1,2-Tetrachloroethane	ND	0.83	0.829	
Chloroform	ND	0.83	0.829		1,1,2,2-Tetrachloroethane	ND	1.7	0.829	
Chloromethane	ND	17	0.829		Tetrachloroethene	ND	0.83	0.829	
2-Chlorotoluene	ND	0.83	0.829		Toluene	5.2	0.83	0.829	
4-Chlorotoluene	ND	0.83	0.829		1,2,3-Trichlorobenzene	ND	1.7	0.829	
Dibromochloromethane	ND	1.7	0.829		1,2,4-Trichlorobenzene	ND	1.7	0.829	
1,2-Dibromo-3-Chloropropane	ND	4.1	0.829		1,1,1-Trichloroethane	ND	0.83	0.829	
1,2-Dibromoethane	ND	0.83	0.829		1,1,2-Trichloroethane	ND	0.83	0.829	
Dibromomethane	ND	0.83	0.829		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.3	0.829	
1,2-Dichlorobenzene	ND	0.83	0.829		Trichloroethene	ND	1.7	0.829	
1,3-Dichlorobenzene	ND	0.83	0.829		Trichlorofluoromethane	ND	8.3	0.829	
1,4-Dichlorobenzene	ND	0.83	0.829		1,2,3-Trichloropropane	ND	1.7	0.829	
Dichlorodifluoromethane	ND	1.7	0.829		1,2,4-Trimethylbenzene	ND	1.7	0.829	
1,1-Dichloroethane	ND	0.83	0.829		1,3,5-Trimethylbenzene	ND	1.7	0.829	
1,2-Dichloroethane	ND	0.83	0.829		Vinyl Acetate	ND	8.3	0.829	
1,1-Dichloroethene	ND	0.83	0.829		Vinyl Chloride	ND	0.83	0.829	
c-1,2-Dichloroethene	ND	0.83	0.829		p/m-Xylene	ND	1.7	0.829	
t-1,2-Dichloroethene	ND	0.83	0.829		o-Xylene	ND	0.83	0.829	
1,2-Dichloropropane	ND	0.83	0.829		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.829	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	119	71-137		1,2-Dichloroethane-d4	130	58-160	
1,4-Bromofluorobenzene	92	66-126		Toluene-d8	102	87-111	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-52-5	07-10-0475-7	10/05/07	Solid	GC/MS X	10/05/07	10/09/07	071008L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	53	1.06		1,3-Dichloropropane	ND	1.1	1.06	
Benzene	ND	1.1	1.06		2,2-Dichloropropane	ND	5.3	1.06	
Bromobenzene	ND	1.1	1.06		1,1-Dichloropropene	ND	2.1	1.06	
Bromochloromethane	ND	2.1	1.06		c-1,3-Dichloropropene	ND	1.1	1.06	
Bromodichloromethane	ND	1.1	1.06		t-1,3-Dichloropropene	ND	2.1	1.06	
Bromoform	ND	5.3	1.06		Ethylbenzene	ND	1.1	1.06	
Bromomethane	ND	21	1.06		2-Hexanone	ND	21	1.06	
2-Butanone	ND	21	1.06		Isopropylbenzene	ND	1.1	1.06	
n-Butylbenzene	ND	1.1	1.06		p-Isopropyltoluene	ND	1.1	1.06	
sec-Butylbenzene	ND	1.1	1.06		Methylene Chloride	ND	11	1.06	
tert-Butylbenzene	ND	1.1	1.06		4-Methyl-2-Pentanone	ND	21	1.06	
Carbon Disulfide	ND	11	1.06		Naphthalene	ND	11	1.06	
Carbon Tetrachloride	ND	1.1	1.06		n-Propylbenzene	ND	1.1	1.06	
Chlorobenzene	ND	1.1	1.06		Styrene	ND	1.1	1.06	
Chloroethane	2.7	2.1	1.06		1,1,1,2-Tetrachloroethane	ND	1.1	1.06	
Chloroform	ND	1.1	1.06		1,1,2,2-Tetrachloroethane	ND	2.1	1.06	
Chloromethane	ND	21	1.06		Tetrachloroethene	ND	1.1	1.06	
2-Chlorotoluene	ND	1.1	1.06		Toluene	ND	1.1	1.06	
4-Chlorotoluene	ND	1.1	1.06		1,2,3-Trichlorobenzene	ND	2.1	1.06	
Dibromochloromethane	ND	2.1	1.06		1,2,4-Trichlorobenzene	ND	2.1	1.06	
1,2-Dibromo-3-Chloropropane	ND	5.3	1.06		1,1,1-Trichloroethane	ND	1.1	1.06	
1,2-Dibromoethane	ND	1.1	1.06		1,1,2-Trichloroethane	ND	1.1	1.06	
Dibromomethane	ND	1.1	1.06		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.06	
1,2-Dichlorobenzene	ND	1.1	1.06		Trichloroethene	ND	2.1	1.06	
1,3-Dichlorobenzene	ND	1.1	1.06		Trichlorofluoromethane	ND	11	1.06	
1,4-Dichlorobenzene	ND	1.1	1.06		1,2,3-Trichloropropane	ND	2.1	1.06	
Dichlorodifluoromethane	ND	2.1	1.06		1,2,4-Trimethylbenzene	ND	2.1	1.06	
1,1-Dichloroethane	ND	1.1	1.06		1,3,5-Trimethylbenzene	ND	2.1	1.06	
1,2-Dichloroethane	ND	1.1	1.06		Vinyl Acetate	ND	11	1.06	
1,1-Dichloroethene	ND	1.1	1.06		Vinyl Chloride	ND	1.1	1.06	
c-1,2-Dichloroethene	ND	1.1	1.06		p/m-Xylene	ND	2.1	1.06	
t-1,2-Dichloroethene	ND	1.1	1.06		o-Xylene	ND	1.1	1.06	
1,2-Dichloropropane	ND	1.1	1.06		Methyl-t-Butyl Ether (MTBE)	ND	2.1	1.06	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	109	71-137		1,2-Dichloroethane-d4	120	58-160	
1,4-Bromofluorobenzene	97	66-126		Toluene-d8	98	87-111	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-53-1	07-10-0475-10	10/05/07	Solid	GC/MS JJ	10/05/07	10/08/07	071008L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	41	39	0.776		1,3-Dichloropropane	ND	0.78	0.776	
Benzene	ND	0.78	0.776		2,2-Dichloropropane	ND	3.9	0.776	
Bromobenzene	ND	0.78	0.776		1,1-Dichloropropene	ND	1.6	0.776	
Bromochloromethane	ND	1.6	0.776		c-1,3-Dichloropropene	ND	0.78	0.776	
Bromodichloromethane	ND	0.78	0.776		t-1,3-Dichloropropene	ND	1.6	0.776	
Bromoform	ND	3.9	0.776		Ethylbenzene	ND	0.78	0.776	
Bromomethane	ND	16	0.776		2-Hexanone	ND	16	0.776	
2-Butanone	ND	16	0.776		Isopropylbenzene	ND	0.78	0.776	
n-Butylbenzene	ND	0.78	0.776		p-Isopropyltoluene	ND	0.78	0.776	
sec-Butylbenzene	ND	0.78	0.776		Methylene Chloride	ND	7.8	0.776	
tert-Butylbenzene	ND	0.78	0.776		4-Methyl-2-Pentanone	ND	16	0.776	
Carbon Disulfide	ND	7.8	0.776		Naphthalene	ND	7.8	0.776	
Carbon Tetrachloride	ND	0.78	0.776		n-Propylbenzene	ND	0.78	0.776	
Chlorobenzene	ND	0.78	0.776		Styrene	ND	0.78	0.776	
Chloroethane	ND	1.6	0.776		1,1,1,2-Tetrachloroethane	ND	0.78	0.776	
Chloroform	ND	0.78	0.776		1,1,2,2-Tetrachloroethane	ND	1.6	0.776	
Chloromethane	ND	16	0.776		Tetrachloroethene	ND	0.78	0.776	
2-Chlorotoluene	ND	0.78	0.776		Toluene	ND	0.78	0.776	
4-Chlorotoluene	ND	0.78	0.776		1,2,3-Trichlorobenzene	ND	1.6	0.776	
Dibromochloromethane	ND	1.6	0.776		1,2,4-Trichlorobenzene	ND	1.6	0.776	
1,2-Dibromo-3-Chloropropane	ND	3.9	0.776		1,1,1-Trichloroethane	ND	0.78	0.776	
1,2-Dibromoethane	ND	0.78	0.776		1,1,2-Trichloroethane	ND	0.78	0.776	
Dibromomethane	ND	0.78	0.776		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	7.8	0.776	
1,2-Dichlorobenzene	ND	0.78	0.776		Trichloroethene	ND	1.6	0.776	
1,3-Dichlorobenzene	ND	0.78	0.776		Trichlorofluoromethane	ND	7.8	0.776	
1,4-Dichlorobenzene	ND	0.78	0.776		1,2,3-Trichloropropane	ND	1.6	0.776	
Dichlorodifluoromethane	ND	1.6	0.776		1,2,4-Trimethylbenzene	ND	1.6	0.776	
1,1-Dichloroethane	ND	0.78	0.776		1,3,5-Trimethylbenzene	ND	1.6	0.776	
1,2-Dichloroethane	ND	0.78	0.776		Vinyl Acetate	ND	7.8	0.776	
1,1-Dichloroethene	ND	0.78	0.776		Vinyl Chloride	ND	0.78	0.776	
c-1,2-Dichloroethene	ND	0.78	0.776		p/m-Xylene	ND	1.6	0.776	
t-1,2-Dichloroethene	ND	0.78	0.776		o-Xylene	ND	0.78	0.776	
1,2-Dichloropropane	ND	0.78	0.776		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.776	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	112	71-137		1,2-Dichloroethane-d4	124	58-160	
1,4-Bromofluorobenzene	102	66-126		Toluene-d8	103	87-111	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	10/05/07
2020 East 1st Street, Suite 400		Work Order No:	07-10-0475
Santa Ana, CA 92705-4032		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg

Project: City of Anaheim / 28906973.02004 — Page 7 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-53-5	**07-10-0475-11**	**10/05/07**	**Solid**	**GC/MS JJ**	**10/05/07**	**10/08/07**	**071008L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	51	1.02		1,3-Dichloropropane	ND	1.0	1.02	
Benzene	ND	1.0	1.02		2,2-Dichloropropane	ND	5.1	1.02	
Bromobenzene	ND	1.0	1.02		1,1-Dichloropropene	ND	2.0	1.02	
Bromochloromethane	ND	2.0	1.02		c-1,3-Dichloropropene	ND	1.0	1.02	
Bromodichloromethane	ND	1.0	1.02		t-1,3-Dichloropropene	ND	2.0	1.02	
Bromoform	ND	5.1	1.02		Ethylbenzene	ND	1.0	1.02	
Bromomethane	ND	20	1.02		2-Hexanone	ND	20	1.02	
2-Butanone	ND	20	1.02		Isopropylbenzene	ND	1.0	1.02	
n-Butylbenzene	ND	1.0	1.02		p-Isopropyltoluene	ND	1.0	1.02	
sec-Butylbenzene	ND	1.0	1.02		Methylene Chloride	ND	10	1.02	
tert-Butylbenzene	ND	1.0	1.02		4-Methyl-2-Pentanone	ND	20	1.02	
Carbon Disulfide	ND	10	1.02		Naphthalene	ND	10	1.02	
Carbon Tetrachloride	ND	1.0	1.02		n-Propylbenzene	ND	1.0	1.02	
Chlorobenzene	ND	1.0	1.02		Styrene	ND	1.0	1.02	
Chloroethane	ND	2.0	1.02		1,1,1,2-Tetrachloroethane	ND	1.0	1.02	
Chloroform	ND	1.0	1.02		1,1,2,2-Tetrachloroethane	ND	2.0	1.02	
Chloromethane	ND	20	1.02		Tetrachloroethene	ND	1.0	1.02	
2-Chlorotoluene	ND	1.0	1.02		Toluene	ND	1.0	1.02	
4-Chlorotoluene	ND	1.0	1.02		1,2,3-Trichlorobenzene	ND	2.0	1.02	
Dibromochloromethane	ND	2.0	1.02		1,2,4-Trichlorobenzene	ND	2.0	1.02	
1,2-Dibromo-3-Chloropropane	ND	5.1	1.02		1,1,1-Trichloroethane	ND	1.0	1.02	
1,2-Dibromoethane	ND	1.0	1.02		1,1,2-Trichloroethane	ND	1.0	1.02	
Dibromomethane	ND	1.0	1.02		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.02	
1,2-Dichlorobenzene	ND	1.0	1.02		Trichloroethene	ND	2.0	1.02	
1,3-Dichlorobenzene	ND	1.0	1.02		Trichlorofluoromethane	ND	10	1.02	
1,4-Dichlorobenzene	ND	1.0	1.02		1,2,3-Trichloropropane	ND	2.0	1.02	
Dichlorodifluoromethane	ND	2.0	1.02		1,2,4-Trimethylbenzene	ND	2.0	1.02	
1,1-Dichloroethane	ND	1.0	1.02		1,3,5-Trimethylbenzene	ND	2.0	1.02	
1,2-Dichloroethane	ND	1.0	1.02		Vinyl Acetate	ND	10	1.02	
1,1-Dichloroethene	ND	1.0	1.02		Vinyl Chloride	ND	1.0	1.02	
c-1,2-Dichloroethene	ND	1.0	1.02		p/m-Xylene	ND	2.0	1.02	
t-1,2-Dichloroethene	ND	1.0	1.02		o-Xylene	ND	1.0	1.02	
1,2-Dichloropropane	ND	1.0	1.02		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1.02	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	110	71-137			1,2-Dichloroethane-d4	124	58-160		
1,4-Bromofluorobenzene	100	66-126			Toluene-d8	102	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-54-1	07-10-0475-14	10/05/07	Solid	GC/MS JJ	10/05/07	10/08/07	071008L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	40	0.8		1,3-Dichloropropane	ND	0.80	0.8	
Benzene	1.2	0.80	0.8		2,2-Dichloropropane	ND	4.0	0.8	
Bromobenzene	ND	0.80	0.8		1,1-Dichloropropene	ND	1.6	0.8	
Bromochloromethane	ND	1.6	0.8		c-1,3-Dichloropropene	ND	0.80	0.8	
Bromodichloromethane	ND	0.80	0.8		t-1,3-Dichloropropene	ND	1.6	0.8	
Bromoform	ND	4.0	0.8		Ethylbenzene	ND	0.80	0.8	
Bromomethane	ND	16	0.8		2-Hexanone	ND	16	0.8	
2-Butanone	ND	16	0.8		Isopropylbenzene	ND	0.80	0.8	
n-Butylbenzene	ND	0.80	0.8		p-Isopropyltoluene	ND	0.80	0.8	
sec-Butylbenzene	ND	0.80	0.8		Methylene Chloride	ND	8.0	0.8	
tert-Butylbenzene	ND	0.80	0.8		4-Methyl-2-Pentanone	ND	16	0.8	
Carbon Disulfide	ND	8.0	0.8		Naphthalene	ND	8.0	0.8	
Carbon Tetrachloride	ND	0.80	0.8		n-Propylbenzene	ND	0.80	0.8	
Chlorobenzene	ND	0.80	0.8		Styrene	ND	0.80	0.8	
Chloroethane	ND	1.6	0.8		1,1,1,2-Tetrachloroethane	ND	0.80	0.8	
Chloroform	ND	0.80	0.8		1,1,2,2-Tetrachloroethane	ND	1.6	0.8	
Chloromethane	ND	16	0.8		Tetrachloroethene	ND	0.80	0.8	
2-Chlorotoluene	ND	0.80	0.8		Toluene	ND	0.80	0.8	
4-Chlorotoluene	ND	0.80	0.8		1,2,3-Trichlorobenzene	ND	1.6	0.8	
Dibromochloromethane	ND	1.6	0.8		1,2,4-Trichlorobenzene	ND	1.6	0.8	
1,2-Dibromo-3-Chloropropane	ND	4.0	0.8		1,1,1-Trichloroethane	ND	0.80	0.8	
1,2-Dibromoethane	ND	0.80	0.8		1,1,2-Trichloroethane	ND	0.80	0.8	
Dibromomethane	ND	0.80	0.8		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.0	0.8	
1,2-Dichlorobenzene	ND	0.80	0.8		Trichloroethene	ND	1.6	0.8	
1,3-Dichlorobenzene	ND	0.80	0.8		Trichlorofluoromethane	ND	8.0	0.8	
1,4-Dichlorobenzene	ND	0.80	0.8		1,2,3-Trichloropropane	ND	1.6	0.8	
Dichlorodifluoromethane	ND	1.6	0.8		1,2,4-Trimethylbenzene	ND	1.6	0.8	
1,1-Dichloroethane	ND	0.80	0.8		1,3,5-Trimethylbenzene	ND	1.6	0.8	
1,2-Dichloroethane	ND	0.80	0.8		Vinyl Acetate	ND	8.0	0.8	
1,1-Dichloroethene	ND	0.80	0.8		Vinyl Chloride	ND	0.80	0.8	
c-1,2-Dichloroethene	ND	0.80	0.8		p/m-Xylene	ND	1.6	0.8	
t-1,2-Dichloroethene	ND	0.80	0.8		o-Xylene	ND	0.80	0.8	
1,2-Dichloropropane	ND	0.80	0.8		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.8	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	109	71-137			1,2-Dichloroethane-d4	121	58-160		
1,4-Bromofluorobenzene	95	66-126			Toluene-d8	105	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation	Date Received: 10/05/07
2020 East 1st Street, Suite 400	Work Order No: 07-10-0475
Santa Ana, CA 92705-4032	Preparation: EPA 5035
	Method: EPA 8260B
	Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-54-5	07-10-0475-15	10/05/07	Solid	GC/MS JJ	10/05/07	10/08/07	071008L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	52	1.03		1,3-Dichloropropane	ND	1.0	1.03	
Benzene	ND	1.0	1.03		2,2-Dichloropropane	ND	5.2	1.03	
Bromobenzene	ND	1.0	1.03		1,1-Dichloropropene	ND	2.1	1.03	
Bromochloromethane	ND	2.1	1.03		c-1,3-Dichloropropene	ND	1.0	1.03	
Bromodichloromethane	ND	1.0	1.03		t-1,3-Dichloropropene	ND	2.1	1.03	
Bromoform	ND	5.2	1.03		Ethylbenzene	ND	1.0	1.03	
Bromomethane	ND	21	1.03		2-Hexanone	ND	21	1.03	
2-Butanone	ND	21	1.03		Isopropylbenzene	ND	1.0	1.03	
n-Butylbenzene	ND	1.0	1.03		p-Isopropyltoluene	ND	1.0	1.03	
sec-Butylbenzene	ND	1.0	1.03		Methylene Chloride	ND	10	1.03	
tert-Butylbenzene	ND	1.0	1.03		4-Methyl-2-Pentanone	ND	21	1.03	
Carbon Disulfide	ND	10	1.03		Naphthalene	ND	10	1.03	
Carbon Tetrachloride	ND	1.0	1.03		n-Propylbenzene	ND	1.0	1.03	
Chlorobenzene	ND	1.0	1.03		Styrene	ND	1.0	1.03	
Chloroethane	ND	2.1	1.03		1,1,1,2-Tetrachloroethane	ND	1.0	1.03	
Chloroform	ND	1.0	1.03		1,1,2,2-Tetrachloroethane	ND	2.1	1.03	
Chloromethane	ND	21	1.03		Tetrachloroethene	ND	1.0	1.03	
2-Chlorotoluene	ND	1.0	1.03		Toluene	ND	1.0	1.03	
4-Chlorotoluene	ND	1.0	1.03		1,2,3-Trichlorobenzene	ND	2.1	1.03	
Dibromochloromethane	ND	2.1	1.03		1,2,4-Trichlorobenzene	ND	2.1	1.03	
1,2-Dibromo-3-Chloropropane	ND	5.2	1.03		1,1,1-Trichloroethane	ND	1.0	1.03	
1,2-Dibromoethane	ND	1.0	1.03		1,1,2-Trichloroethane	ND	1.0	1.03	
Dibromomethane	ND	1.0	1.03		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.03	
1,2-Dichlorobenzene	ND	1.0	1.03		Trichloroethene	ND	2.1	1.03	
1,3-Dichlorobenzene	ND	1.0	1.03		Trichlorofluoromethane	ND	10	1.03	
1,4-Dichlorobenzene	ND	1.0	1.03		1,2,3-Trichloropropane	ND	2.1	1.03	
Dichlorodifluoromethane	ND	2.1	1.03		1,2,4-Trimethylbenzene	ND	2.1	1.03	
1,1-Dichloroethane	ND	1.0	1.03		1,3,5-Trimethylbenzene	ND	2.1	1.03	
1,2-Dichloroethane	ND	1.0	1.03		Vinyl Acetate	ND	10	1.03	
1,1-Dichloroethene	ND	1.0	1.03		Vinyl Chloride	ND	1.0	1.03	
c-1,2-Dichloroethene	ND	1.0	1.03		p/m-Xylene	ND	2.1	1.03	
t-1,2-Dichloroethene	ND	1.0	1.03		o-Xylene	ND	1.0	1.03	
1,2-Dichloropropane	ND	1.0	1.03		Methyl-t-Butyl Ether (MTBE)	ND	2.1	1.03	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	71-137			1,2-Dichloroethane-d4	123	58-160		
1,4-Bromofluorobenzene	97	66-126			Toluene-d8	102	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-49-5	07-10-0475-19	10/05/07	Solid	GC/MS JJ	10/05/07	10/08/07	071008L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	52	1.05		1,3-Dichloropropane	ND	1.0	1.05	
Benzene	ND	1.0	1.05		2,2-Dichloropropane	ND	5.2	1.05	
Bromobenzene	ND	1.0	1.05		1,1-Dichloropropene	ND	2.1	1.05	
Bromochloromethane	ND	2.1	1.05		c-1,3-Dichloropropene	ND	1.0	1.05	
Bromodichloromethane	ND	1.0	1.05		t-1,3-Dichloropropene	ND	2.1	1.05	
Bromoform	ND	5.2	1.05		Ethylbenzene	ND	1.0	1.05	
Bromomethane	ND	21	1.05		2-Hexanone	ND	21	1.05	
2-Butanone	ND	21	1.05		Isopropylbenzene	ND	1.0	1.05	
n-Butylbenzene	ND	1.0	1.05		p-Isopropyltoluene	ND	1.0	1.05	
sec-Butylbenzene	ND	1.0	1.05		Methylene Chloride	ND	10	1.05	
tert-Butylbenzene	ND	1.0	1.05		4-Methyl-2-Pentanone	ND	21	1.05	
Carbon Disulfide	ND	10	1.05		Naphthalene	ND	10	1.05	
Carbon Tetrachloride	ND	1.0	1.05		n-Propylbenzene	ND	1.0	1.05	
Chlorobenzene	ND	1.0	1.05		Styrene	ND	1.0	1.05	
Chloroethane	ND	2.1	1.05		1,1,1,2-Tetrachloroethane	ND	1.0	1.05	
Chloroform	ND	1.0	1.05		1,1,2,2-Tetrachloroethane	ND	2.1	1.05	
Chloromethane	ND	21	1.05		Tetrachloroethene	ND	1.0	1.05	
2-Chlorotoluene	ND	1.0	1.05		Toluene	ND	1.0	1.05	
4-Chlorotoluene	ND	1.0	1.05		1,2,3-Trichlorobenzene	ND	2.1	1.05	
Dibromochloromethane	ND	2.1	1.05		1,2,4-Trichlorobenzene	ND	2.1	1.05	
1,2-Dibromo-3-Chloropropane	ND	5.2	1.05		1,1,1-Trichloroethane	ND	1.0	1.05	
1,2-Dibromoethane	ND	1.0	1.05		1,1,2-Trichloroethane	ND	1.0	1.05	
Dibromomethane	ND	1.0	1.05		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.05	
1,2-Dichlorobenzene	ND	1.0	1.05		Trichloroethene	ND	2.1	1.05	
1,3-Dichlorobenzene	ND	1.0	1.05		Trichlorofluoromethane	ND	10	1.05	
1,4-Dichlorobenzene	ND	1.0	1.05		1,2,3-Trichloropropane	ND	2.1	1.05	
Dichlorodifluoromethane	ND	2.1	1.05		1,2,4-Trimethylbenzene	ND	2.1	1.05	
1,1-Dichloroethane	ND	1.0	1.05		1,3,5-Trimethylbenzene	ND	2.1	1.05	
1,2-Dichloroethane	ND	1.0	1.05		Vinyl Acetate	ND	10	1.05	
1,1-Dichloroethene	ND	1.0	1.05		Vinyl Chloride	ND	1.0	1.05	
c-1,2-Dichloroethene	ND	1.0	1.05		p/m-Xylene	ND	2.1	1.05	
t-1,2-Dichloroethene	ND	1.0	1.05		o-Xylene	ND	1.0	1.05	
1,2-Dichloropropane	ND	1.0	1.05		Methyl-t-Butyl Ether (MTBE)	ND	2.1	1.05	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	109	71-137			1,2-Dichloroethane-d4	123	58-160		
1,4-Bromofluorobenzene	100	66-126			Toluene-d8	102	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-48-5	07-10-0475-23	10/05/07	Solid	GC/MS JJ	10/05/07	10/08/07	071008L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	53	1.06		1,3-Dichloropropane	ND	1.1	1.06	
Benzene	ND	1.1	1.06		2,2-Dichloropropane	ND	5.3	1.06	
Bromobenzene	ND	1.1	1.06		1,1-Dichloropropene	ND	2.1	1.06	
Bromochloromethane	ND	2.1	1.06		c-1,3-Dichloropropene	ND	1.1	1.06	
Bromodichloromethane	ND	1.1	1.06		t-1,3-Dichloropropene	ND	2.1	1.06	
Bromoform	ND	5.3	1.06		Ethylbenzene	ND	1.1	1.06	
Bromomethane	ND	21	1.06		2-Hexanone	ND	21	1.06	
2-Butanone	ND	21	1.06		Isopropylbenzene	ND	1.1	1.06	
n-Butylbenzene	ND	1.1	1.06		p-Isopropyltoluene	ND	1.1	1.06	
sec-Butylbenzene	ND	1.1	1.06		Methylene Chloride	ND	11	1.06	
tert-Butylbenzene	ND	1.1	1.06		4-Methyl-2-Pentanone	ND	21	1.06	
Carbon Disulfide	ND	11	1.06		Naphthalene	ND	11	1.06	
Carbon Tetrachloride	ND	1.1	1.06		n-Propylbenzene	ND	1.1	1.06	
Chlorobenzene	ND	1.1	1.06		Styrene	ND	1.1	1.06	
Chloroethane	ND	2.1	1.06		1,1,1,2-Tetrachloroethane	ND	1.1	1.06	
Chloroform	ND	1.1	1.06		1,1,2,2-Tetrachloroethane	ND	2.1	1.06	
Chloromethane	ND	21	1.06		Tetrachloroethene	ND	1.1	1.06	
2-Chlorotoluene	ND	1.1	1.06		Toluene	ND	1.1	1.06	
4-Chlorotoluene	ND	1.1	1.06		1,2,3-Trichlorobenzene	ND	2.1	1.06	
Dibromochloromethane	ND	2.1	1.06		1,2,4-Trichlorobenzene	ND	2.1	1.06	
1,2-Dibromo-3-Chloropropane	ND	5.3	1.06		1,1,1-Trichloroethane	ND	1.1	1.06	
1,2-Dibromoethane	ND	1.1	1.06		1,1,2-Trichloroethane	ND	1.1	1.06	
Dibromomethane	ND	1.1	1.06		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.06	
1,2-Dichlorobenzene	ND	1.1	1.06		Trichloroethene	ND	2.1	1.06	
1,3-Dichlorobenzene	ND	1.1	1.06		Trichlorofluoromethane	ND	11	1.06	
1,4-Dichlorobenzene	ND	1.1	1.06		1,2,3-Trichloropropane	ND	2.1	1.06	
Dichlorodifluoromethane	ND	2.1	1.06		1,2,4-Trimethylbenzene	ND	2.1	1.06	
1,1-Dichloroethane	ND	1.1	1.06		1,3,5-Trimethylbenzene	ND	2.1	1.06	
1,2-Dichloroethane	ND	1.1	1.06		Vinyl Acetate	ND	11	1.06	
1,1-Dichloroethene	ND	1.1	1.06		Vinyl Chloride	ND	1.1	1.06	
c-1,2-Dichloroethene	ND	1.1	1.06		p/m-Xylene	ND	2.1	1.06	
t-1,2-Dichloroethene	ND	1.1	1.06		o-Xylene	ND	1.1	1.06	
1,2-Dichloropropane	ND	1.1	1.06		Methyl-t-Butyl Ether (MTBE)	ND	2.1	1.06	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	110	71-137			1,2-Dichloroethane-d4	121	58-160		
1,4-Bromofluorobenzene	102	66-126			Toluene-d8	103	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-46-5	**07-10-0475-27**	**10/05/07**	**Solid**	**GC/MS BB**	**10/05/07**	**10/08/07**	**071008L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	48	0.958		1,3-Dichloropropane	ND	0.96	0.958	
Benzene	ND	0.96	0.958		2,2-Dichloropropane	ND	4.8	0.958	
Bromobenzene	ND	0.96	0.958		1,1-Dichloropropene	ND	1.9	0.958	
Bromochloromethane	ND	1.9	0.958		c-1,3-Dichloropropene	ND	0.96	0.958	
Bromodichloromethane	ND	0.96	0.958		t-1,3-Dichloropropene	ND	1.9	0.958	
Bromoform	ND	4.8	0.958		Ethylbenzene	ND	0.96	0.958	
Bromomethane	ND	19	0.958		2-Hexanone	ND	19	0.958	
2-Butanone	ND	19	0.958		Isopropylbenzene	ND	0.96	0.958	
n-Butylbenzene	ND	0.96	0.958		p-Isopropyltoluene	ND	0.96	0.958	
sec-Butylbenzene	ND	0.96	0.958		Methylene Chloride	ND	9.6	0.958	
tert-Butylbenzene	ND	0.96	0.958		4-Methyl-2-Pentanone	ND	19	0.958	
Carbon Disulfide	ND	9.6	0.958		Naphthalene	ND	9.6	0.958	
Carbon Tetrachloride	ND	0.96	0.958		n-Propylbenzene	ND	0.96	0.958	
Chlorobenzene	ND	0.96	0.958		Styrene	ND	0.96	0.958	
Chloroethane	ND	1.9	0.958		1,1,1,2-Tetrachloroethane	ND	0.96	0.958	
Chloroform	ND	0.96	0.958		1,1,2,2-Tetrachloroethane	ND	1.9	0.958	
Chloromethane	ND	19	0.958		Tetrachloroethene	ND	0.96	0.958	
2-Chlorotoluene	ND	0.96	0.958		Toluene	ND	0.96	0.958	
4-Chlorotoluene	ND	0.96	0.958		1,2,3-Trichlorobenzene	ND	1.9	0.958	
Dibromochloromethane	ND	1.9	0.958		1,2,4-Trichlorobenzene	ND	1.9	0.958	
1,2-Dibromo-3-Chloropropane	ND	4.8	0.958		1,1,1-Trichloroethane	ND	0.96	0.958	
1,2-Dibromoethane	ND	0.96	0.958		1,1,2-Trichloroethane	ND	0.96	0.958	
Dibromomethane	ND	0.96	0.958		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.6	0.958	
1,2-Dichlorobenzene	ND	0.96	0.958		Trichloroethene	ND	1.9	0.958	
1,3-Dichlorobenzene	ND	0.96	0.958		Trichlorofluoromethane	ND	9.6	0.958	
1,4-Dichlorobenzene	ND	0.96	0.958		1,2,3-Trichloropropane	ND	1.9	0.958	
Dichlorodifluoromethane	ND	1.9	0.958		1,2,4-Trimethylbenzene	ND	1.9	0.958	
1,1-Dichloroethane	ND	0.96	0.958		1,3,5-Trimethylbenzene	ND	1.9	0.958	
1,2-Dichloroethane	ND	0.96	0.958		Vinyl Acetate	ND	9.6	0.958	
1,1-Dichloroethene	ND	0.96	0.958		Vinyl Chloride	ND	0.96	0.958	
c-1,2-Dichloroethene	ND	0.96	0.958		p/m-Xylene	ND	1.9	0.958	
t-1,2-Dichloroethene	ND	0.96	0.958		o-Xylene	ND	0.96	0.958	
1,2-Dichloropropane	ND	0.96	0.958		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.958	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	116	71-137			1,2-Dichloroethane-d4	132	58-160		
1,4-Bromofluorobenzene	91	66-126			Toluene-d8	101	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
B-47-5	07-10-0475-31	10/05/07	Solid	GC/MS BB	10/05/07	10/08/07	071008L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	48	0.967		1,3-Dichloropropane	ND	0.97	0.967	
Benzene	ND	0.97	0.967		2,2-Dichloropropane	ND	4.8	0.967	
Bromobenzene	ND	0.97	0.967		1,1-Dichloropropene	ND	1.9	0.967	
Bromochloromethane	ND	1.9	0.967		c-1,3-Dichloropropene	ND	0.97	0.967	
Bromodichloromethane	ND	0.97	0.967		t-1,3-Dichloropropene	ND	1.9	0.967	
Bromoform	ND	4.8	0.967		Ethylbenzene	ND	0.97	0.967	
Bromomethane	ND	19	0.967		2-Hexanone	ND	19	0.967	
2-Butanone	ND	19	0.967		Isopropylbenzene	ND	0.97	0.967	
n-Butylbenzene	ND	0.97	0.967		p-Isopropyltoluene	ND	0.97	0.967	
sec-Butylbenzene	ND	0.97	0.967		Methylene Chloride	ND	9.7	0.967	
tert-Butylbenzene	ND	0.97	0.967		4-Methyl-2-Pentanone	ND	19	0.967	
Carbon Disulfide	ND	9.7	0.967		Naphthalene	ND	9.7	0.967	
Carbon Tetrachloride	ND	0.97	0.967		n-Propylbenzene	ND	0.97	0.967	
Chlorobenzene	ND	0.97	0.967		Styrene	ND	0.97	0.967	
Chloroethane	ND	1.9	0.967		1,1,1,2-Tetrachloroethane	ND	0.97	0.967	
Chloroform	ND	0.97	0.967		1,1,2,2-Tetrachloroethane	ND	1.9	0.967	
Chloromethane	ND	19	0.967		Tetrachloroethene	ND	0.97	0.967	
2-Chlorotoluene	ND	0.97	0.967		Toluene	ND	0.97	0.967	
4-Chlorotoluene	ND	0.97	0.967		1,2,3-Trichlorobenzene	ND	1.9	0.967	
Dibromochloromethane	ND	1.9	0.967		1,2,4-Trichlorobenzene	ND	1.9	0.967	
1,2-Dibromo-3-Chloropropane	ND	4.8	0.967		1,1,1-Trichloroethane	ND	0.97	0.967	
1,2-Dibromoethane	ND	0.97	0.967		1,1,2-Trichloroethane	ND	0.97	0.967	
Dibromomethane	ND	0.97	0.967		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.7	0.967	
1,2-Dichlorobenzene	ND	0.97	0.967		Trichloroethene	ND	1.9	0.967	
1,3-Dichlorobenzene	ND	0.97	0.967		Trichlorofluoromethane	ND	9.7	0.967	
1,4-Dichlorobenzene	ND	0.97	0.967		1,2,3-Trichloropropane	ND	1.9	0.967	
Dichlorodifluoromethane	ND	1.9	0.967		1,2,4-Trimethylbenzene	ND	1.9	0.967	
1,1-Dichloroethane	ND	0.97	0.967		1,3,5-Trimethylbenzene	ND	1.9	0.967	
1,2-Dichloroethane	ND	0.97	0.967		Vinyl Acetate	ND	9.7	0.967	
1,1-Dichloroethene	ND	0.97	0.967		Vinyl Chloride	ND	0.97	0.967	
c-1,2-Dichloroethene	ND	0.97	0.967		p/m-Xylene	ND	1.9	0.967	
t-1,2-Dichloroethene	ND	0.97	0.967		o-Xylene	ND	0.97	0.967	
1,2-Dichloropropane	ND	0.97	0.967		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.967	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	111	71-137			1,2-Dichloroethane-d4	131	58-160		
1,4-Bromofluorobenzene	94	66-126			Toluene-d8	103	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	10/05/07
2020 East 1st Street, Suite 400		Work Order No:	07-10-0475
Santa Ana, CA 92705-4032		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg

Project: City of Anaheim / 28906973.02004

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-15,090**	**N/A**	**Solid**	**GC/MS JJ**	**10/08/07**	**10/08/07**	**071008L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	1.0	1		2,2-Dichloropropane	ND	5.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	2.0	1	
Bromochloromethane	ND	2.0	1		c-1,3-Dichloropropene	ND	1.0	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromoform	ND	5.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	20	1		2-Hexanone	ND	20	1	
2-Butanone	ND	20	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	20	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	2.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chloromethane	ND	20	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Dibromochloromethane	ND	2.0	1		1,2,4-Trichlorobenzene	ND	2.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
Dichlorodifluoromethane	ND	2.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	2.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	100	71-137			1,2-Dichloroethane-d4	104	58-160		
1,4-Bromofluorobenzene	100	66-126			Toluene-d8	100	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	10/05/07
2020 East 1st Street, Suite 400		Work Order No:	07-10-0475
Santa Ana, CA 92705-4032		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg

Project: City of Anaheim / 28906973.02004 — Page 15 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-15,092**	**N/A**	**Solid**	**GC/MS BB**	**10/08/07**	**10/08/07**	**071008L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	1.0	1		2,2-Dichloropropane	ND	5.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	2.0	1	
Bromochloromethane	ND	2.0	1		c-1,3-Dichloropropene	ND	1.0	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromoform	ND	5.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	20	1		2-Hexanone	ND	20	1	
2-Butanone	ND	20	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	20	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	2.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chloromethane	ND	20	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Dibromochloromethane	ND	2.0	1		1,2,4-Trichlorobenzene	ND	2.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
Dichlorodifluoromethane	ND	2.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	2.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	111	71-137			1,2-Dichloroethane-d4	112	58-160		
1,4-Bromofluorobenzene	95	66-126			Toluene-d8	101	87-111		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

URS Corporation		Date Received:	10/05/07
2020 East 1st Street, Suite 400		Work Order No:	07-10-0475
Santa Ana, CA 92705-4032		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg

Project: City of Anaheim / 28906973.02004 — Page 16 of 16

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-15,093**	**N/A**	**Solid**	**GC/MS X**	**10/08/07**	**10/08/07**	**071008L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	1.0	1		2,2-Dichloropropane	ND	5.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	2.0	1	
Bromochloromethane	ND	2.0	1		c-1,3-Dichloropropene	ND	1.0	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromoform	ND	5.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	20	1		2-Hexanone	ND	20	1	
2-Butanone	ND	20	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	20	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	2.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chloromethane	ND	20	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Dibromochloromethane	ND	2.0	1		1,2,4-Trichlorobenzene	ND	2.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
Dichlorodifluoromethane	ND	2.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	2.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	97	71-137			1,2-Dichloroethane-d4	100	58-160		
1,4-Bromofluorobenzene	96	66-126			Toluene-d8	98	87-111		

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 3050B
Method: EPA 6010B

Project City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-54-5	Solid	ICP 5300	10/08/07	10/08/07	071008S04

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	75	76	50-115	2	0-20	
Arsenic	100	103	75-125	4	0-20	
Barium	103	121	75-125	9	0-20	
Beryllium	98	104	75-125	6	0-20	
Cadmium	97	101	75-125	3	0-20	
Chromium	101	104	75-125	3	0-20	
Cobalt	98	102	75-125	4	0-20	
Copper	94	101	75-125	6	0-20	
Lead	101	104	75-125	3	0-20	
Molybdenum	101	105	75-125	3	0-20	
Nickel	101	106	75-125	4	0-20	
Selenium	94	96	75-125	3	0-20	
Silver	95	97	75-125	3	0-20	
Thallium	84	83	75-125	0	0-20	
Vanadium	97	105	75-125	6	0-20	
Zinc	105	115	75-125	5	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-51-1	Solid	GC 3	10/05/07	10/05/07	071005S07

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	92	91	64-130	1	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: 10/05/07
Work Order No: 07-10-0475
Preparation: EPA 7471A Total
Method: EPA 7471A

Project City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-54-5	Solid	Mercury	10/08/07	10/08/07	071008S06

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	119	119	84-138	0	0-7	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 07-10-0475
Preparation: EPA 3050B
Method: EPA 6010B

Project: City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-9,921	Solid	ICP 5300	10/08/07	10/08/07	071008L04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	90	89	80-120	2	0-20	
Arsenic	91	90	80-120	1	0-20	
Barium	98	97	80-120	1	0-20	
Beryllium	90	90	80-120	0	0-20	
Cadmium	95	96	80-120	0	0-20	
Chromium	97	97	80-120	0	0-20	
Cobalt	96	96	80-120	0	0-20	
Copper	89	89	80-120	0	0-20	
Lead	100	98	80-120	2	0-20	
Molybdenum	97	96	80-120	1	0-20	
Nickel	102	101	80-120	1	0-20	
Selenium	89	89	80-120	0	0-20	
Silver	92	92	80-120	0	0-20	
Thallium	94	94	80-120	1	0-20	
Vanadium	93	93	80-120	0	0-20	
Zinc	98	98	80-120	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 07-10-0475
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-275-1,052	Solid	GC 3	10/05/07	10/05/07	071005B07

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	103	104	75-123	0	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 07-10-0475
Preparation: EPA 7471A Total
Method: EPA 7471A

Project: City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-5,004	Solid	Mercury	10/08/07	10/08/07	071008L06

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	91	91	87-117	0	0-3	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 07-10-0475
Preparation: EPA 5035
Method: EPA 8260B

Project: City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-15,093	Solid	GC/MS X	10/08/07	10/08/07	071008L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93	93	85-115	0	0-11	
Carbon Tetrachloride	88	88	68-134	0	0-14	
Chlorobenzene	91	90	83-119	1	0-9	
1,2-Dibromoethane	93	94	80-120	1	0-20	
1,2-Dichlorobenzene	85	85	57-135	0	0-10	
1,1-Dichloroethene	98	95	72-120	3	0-10	
Ethylbenzene	95	94	80-120	1	0-20	
Toluene	90	90	67-127	0	0-10	
Trichloroethene	93	93	88-112	0	0-9	
Vinyl Chloride	110	108	57-129	2	0-16	
Methyl-t-Butyl Ether (MTBE)	82	83	76-124	1	0-12	
Tert-Butyl Alcohol (TBA)	91	85	31-145	8	0-23	
Diisopropyl Ether (DIPE)	88	88	74-128	0	0-10	
Ethyl-t-Butyl Ether (ETBE)	86	87	77-125	2	0-9	
Tert-Amyl-Methyl Ether (TAME)	87	87	81-123	0	0-10	
Ethanol	99	103	44-152	4	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 07-10-0475
Preparation: EPA 5035
Method: EPA 8260B

Project: City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-15,092	Solid	GC/MS BB	10/08/07	10/08/07	071008L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	102	85-115	3	0-11	
Carbon Tetrachloride	106	107	68-134	1	0-14	
Chlorobenzene	99	100	83-119	1	0-9	
1,2-Dibromoethane	95	99	80-120	4	0-20	
1,2-Dichlorobenzene	95	98	57-135	3	0-10	
1,1-Dichloroethene	92	94	72-120	2	0-10	
Ethylbenzene	101	103	80-120	1	0-20	
Toluene	100	104	67-127	4	0-10	
Trichloroethene	100	102	88-112	2	0-9	
Vinyl Chloride	87	86	57-129	1	0-16	
Methyl-t-Butyl Ether (MTBE)	94	101	76-124	7	0-12	
Tert-Butyl Alcohol (TBA)	104	120	31-145	14	0-23	
Diisopropyl Ether (DIPE)	97	101	74-128	4	0-10	
Ethyl-t-Butyl Ether (ETBE)	93	98	77-125	5	0-9	
Tert-Amyl-Methyl Ether (TAME)	98	103	81-123	5	0-10	
Ethanol	89	91	44-152	3	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

URS Corporation
2020 East 1st Street, Suite 400
Santa Ana, CA 92705-4032

Date Received: N/A
Work Order No: 07-10-0475
Preparation: EPA 5035
Method: EPA 8260B

Project: City of Anaheim / 28906973.02004

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-15,090	Solid	GC/MS JJ	10/08/07	10/08/07	071008L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	102	85-115	0	0-11	
Carbon Tetrachloride	111	106	68-134	5	0-14	
Chlorobenzene	107	109	83-119	2	0-9	
1,2-Dibromoethane	103	109	80-120	5	0-20	
1,2-Dichlorobenzene	114	108	57-135	5	0-10	
1,1-Dichloroethene	103	104	72-120	1	0-10	
Ethylbenzene	110	111	80-120	1	0-20	
Toluene	109	109	67-127	0	0-10	
Trichloroethene	100	104	88-112	4	0-9	
Vinyl Chloride	108	108	57-129	0	0-16	
Methyl-t-Butyl Ether (MTBE)	106	104	76-124	2	0-12	
Tert-Butyl Alcohol (TBA)	111	103	31-145	7	0-23	
Diisopropyl Ether (DIPE)	106	107	74-128	2	0-10	
Ethyl-t-Butyl Ether (ETBE)	108	106	77-125	2	0-9	
Tert-Amyl-Methyl Ether (TAME)	112	112	81-123	0	0-10	
Ethanol	109	109	44-152	0	0-24	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-10-0475

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.
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.

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CHAIN OF CUSTODY RECORD

Date: 10/5/2007

0475

☐ Data Requested in GISKey Format

Lab Name: Qlscience	URS Project/PO Number: 28906973.0200 4
Client Name/Project Name/Location: City of Anaheim	Geo-Tracker Information:
URS Project Manager: Tariq Hussain	EDF Reporting: Y N Global ID:
Sampler Name and Signature: C. Shen	COELT Log Number:

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	Requested Analyses: Title 22 metals	VOCs	TPH cc	HOLD	Special Instructions:
1	B-51-1	10/5	7:05	(Y) N	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		Analyze Sample from the sleeve end marked "Top" Provide EDDs to cynthia - hven@urscorp.com
2	B-51-5	10/5	7:15	(Y) N	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		
3	B-51-SD	10/5	7:18	(Y) N	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		
4	B-51-10	10/5	7:25	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
5	B-51-10	10/5	7:30	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
6	B-52-1	10/5	7:40	(Y) N	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		
7	B-52-5	10/5	7:50	(Y) N	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		
8	B-52-10	10/5	7:55	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
9	B-52-15	10/5	800	Y (N)	(S) L G	(Acetate) SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1				X	
10	B-53-1	10/5	810	(Y) N	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		

Relinquished By:	Date:	Received By:	Date/Time:
	10/5/07	Brett Kolb	10-5-07 11:30
Brett Kolb CEL	10-5-07 1305		
Relinquished By:	Date:	Received By:	Date/Time:

Turnaround Time: (Check)
Same Day:____ 72 Hour:____
24 Hour:____ 5 Day:____
48 Hour:____ Standard:✓

Lab Use Only
Cooler Temperature*:_____
*Record upon arrival

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CHAIN OF CUSTODY RECORD

Date: 10/5/07
Page 2 of 4
0475

☐ Data Requested in GISKey Format

Lab Name: Calscience	URS Project/PO Number: 28906973.02004
Client Name/Project Name/Location: City of Anaheim	Geo Tracker Information:
URS Project Manager: Tariq Hussain	EDF Reporting: Y N Global ID:
Sampler Name and Signature: C. Shen	COELT Log Number:

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	Requested Analyses: Title 22 Metals	VOC	TPHd	HOLD	Special Instructions:
11	B-53-5	10/5	8:15	Y (N)	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		
12	B-53-10	10/5	8:25	Y (N)	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	1				X	
13	B-53-15	10/5	8:30	Y (N)	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	1				X	
14	B-54-1	10/5	8:40	Y (N)	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		
15	B-54-5	10/5	8:45	Y (N)	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		
16	B-54-10	10/5	8:55	Y (N)	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	1				X	
17	B-54-15	10/5	9:00	Y (N)	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	1				X	
18	B-49-1	10/5	9:15	Y (N)	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA Terra Core	4				X	
19	B-49-5	10/5	9:20	Y (N)	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		
20	B-49-10	10/5	9:25	Y (N)	S L G	Acetate SS Brass Jar Encore ml Amb. Plas. Glass VOA	1				X	

Relinquished By:	Date:	Received By:	Date/Time:
	10/5/07	Brett Kell	10-5-07 11:30
Brett Kell CEL	10-5-07 1305	Shen Sama (CA)	10.05.07 1305

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: ____ 5 Day: ____
48 Hour: ____ Standard: ✓

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CHAIN OF CUSTODY RECORD

Date: 10/5/07
Page 3 of 4
0475

☐ Data Requested in GISKey Format

Lab Name: Calscience
URS Project/PO Number: 28906973.0004
Client Name/Project Name/Location: City of Anaheim
Geo Tracker Information:
URS Project Manager: Tariq Hussain
EDF Reporting: Y N Global ID:
Sampler Name and Signature: C. Shen
COELT Log Number:

Requested Analyses: Metals, VOC, TPHCC, HOLD, Special Instructions:

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	Metals	VOC	TPHCC	HOLD	Special Instructions:
21	B-49-15	10/5	9:30	Y (N)	(S) L G	Acetate (SS) Brass Jar Encore ml Amb. Plas. Glass VOA	1				X	
22	B-48-1	10/5	9:50	(Y) N	(S) L G	Acetate (SS) Brass Jar Encore ml Amb. Plas. Glass VOA Terra Core	4				X	
23	B-48-5	10/5	9:53	(Y) N	(S) L G	Acetate (SS) Brass Jar Encore ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		
24	B-48-10	10/5	10:00	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA	1				X	
25	B-48-15	10/5	1003	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA	1				X	
26	B-46-1	10/5	1015	(Y) N	(S) L G	Acetate (SS) Brass Jar Encore ml Amb. Plas. Glass VOA Terra Core	4				X	
27	B-46-5	10/5	1020	(Y) N	(S) L G	Acetate (SS) Brass Jar Encore ml Amb. Plas. Glass VOA Terra Core	4	X	X	X		
28	B-46-10	10/5	1030	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA	1				X	
29	B-46-14.5	10/5	1040	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ml Amb. Plas. Glass VOA	1				X	
30	B-47-1	10/5	1050	(Y) N	(S) L G	Acetate (SS) Brass Jar Encore ml Amb. Plas. Glass VOA Terra Core	4				X	

Relinquished By:	Date:	Received By:	Date/Time:
	10/5/07	Britt Kolb	10-5-07 11:30
Britt Kolb CEL	10-5-07 1305		1305
Relinquished By:	Date:	Received By:	Date/Time:
			10.05.07

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: ____ 5 Day: ____
48 Hour: ____ Standard: ✓

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*Record upon arrival

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CHAIN OF CUSTODY RECORD

Date: 10/5/2007
Page 4 of 4

0475

☐ Data Requested in GISKey Format

Lab Name: Calscience
Client Name/Project Name/Location: City of Anaheim
URS Project Manager: Tariq Hussain
Sampler Name and Signature: C. Shen
URS Project/PO Number: 28906973.02004
Geo Tracker Information:
EDF Reporting: Y N Global ID:
COELT Log Number:

Requested Analyses: Metals | VOC | TPH | HOLD

	Sample Name	Sample Date:	Sample Time:	Preserved:	Matrix:	Container type:	# of Cont.:	Special Instructions:
1	B-47-5	10/5	1055	(Y) N	(S) L G	Acetate (SS.) Brass Jar Encore ____ml Amb. Plas. Glass VOA Terra Core	4	X X X
2	B-47-9.5	10/5	1100	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1	HOLD X
3	B-47-15	10/5	1105	Y (N)	(S) L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA	1	HOLD X
4				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA		
5				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA		
6				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA		
7				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA		
8				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA		
9				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA		
10				Y N	S L G	Acetate SS. Brass Jar Encore ____ml Amb. Plas. Glass VOA		

Relinquished By:	Date:	Received By:	Date/Time:
	10/5/07	Brett Kolb	10-5-07 1130
Brett Kolb VEL	10-5-07 1305	Shen-Terra Core (OE)	10-05-07 1305

Turnaround Time: (Check)
Same Day: ____ 72 Hour: ____
24 Hour: ____ 5 Day: ____
48 Hour: ____ Standard: ✓

Lab Use Only
Cooler Temperature*: ____
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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 10 - 0475

Cooler 1 of 2

SAMPLE RECEIPT FORM

CLIENT: URS DATE: 10-5-07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- _____ Chilled, cooler with temperature blank provided.
- ✓ Chilled, cooler without temperature blank.
- _____ Chilled and placed in cooler with wet ice.
- _____ Ambient and placed in cooler with wet ice.
- _____ Ambient temperature.

3.1 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- _____ °C Temperature blank.
- _____ °C IR thermometer.
- _____ Ambient temperature.

Initial: BK

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: BK

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓	✓	
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: BK

COMMENTS:

(-5) B-51-10 is labeled as B-51-15 (10/5 07:30). NC

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 10 - 0475

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: URS DATE: 10-5-07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- ____ Chilled, cooler with temperature blank provided.
- ✓ Chilled, cooler without temperature blank.
- ____ Chilled and placed in cooler with wet ice.
- ____ Ambient and placed in cooler with wet ice.
- ____ Ambient temperature.

3.1 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- ____ °C Temperature blank.
- ____ °C IR thermometer.
- ____ Ambient temperature.

Initial: BK

CUSTODY SEAL INTACT:

Sample(s): ____ Cooler: ____ No (Not Intact) : ____ Not Present: ✓

Initial: BK

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: BK

COMMENTS:

Vikas Patel

From: Cynthia_Shen@URSCorp.com
Sent: Thursday, October 18, 2007 3:08 PM
To: Vikas Patel
Subject: Lab Rpt 07-10-0475

Sample #5 on page 1 of the COC should be B-51-15. The sample label attached to the sample was correct. The chain was mistaken.

Please revise accordingly. This sample was not analyzed.

Cynthia Shen, P.E.
Project Engineer
URS Corporation
2020 East First Street, Suite 400
Santa Ana, CA 92705
Tel: 714-835-6886
Direct: 714-648-2810
Fax: 714-667-7147
cynthia_shen@urscorp.com

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC002621992		888-423-6060	000291536 JJK

GENERATOR

5. Generator's Name and Mailing Address
City of Anaheim Public Utilities Dept
Mail Stop 601 - 201 S. Anaheim Blvd.
Anaheim, CA 92805
Generator's Phone: 714-765-4283

Generator's Site Address (if different than mailing address)
3071 E. Miraloma Avenue
Anaheim, CA 92806 USA

6. Transporter 1 Company Name: American Integrated Services, Inc — U.S. EPA ID Number: CAR000148338

7. Transporter 2 Company Name: PACIFIC TRANS — U.S. EPA ID Number: CAD981412356

8. Designated Facility Name and Site Address
US Ecology
Highway 95, 11 Miles South of Beatty
Beatty, NV 89003
Facility's Phone: 800-239-3943
U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. Non-RCRA Hazardous Waste Solid	1	DM	500	P	611		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Wear appropriate PPE while handling. Weights or volumes are approximate.
Job # 27001-327 Profile# 070128300-1035

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: RALPH McCAFFRAY — Signature: Ralph McCaffray — Month 10 Day 30 Year 07

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ben Burgos — Signature: B — Month 10 Day 30 Year 07

Transporter 2 Printed/Typed Name: Miguel Gutierrez — Signature: Miguel Gutierrez — Month 11 Day 02 Year 07

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Lamon Wan — Signature: — Month 11 Day 07 Year 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC002621992		888-423-6060	000291537 JJK

GENERATOR

5. Generator's Name and Mailing Address
City of Anaheim Public Utilities Dept
Mail Stop 601 - 201 S. Anaheim Blvd.
Anaheim, CA 92805
Generator's Phone: 714-765-4200

Generator's Site Address (if different than mailing address)
3071 E. Miraloma Avenue
Anaheim, CA 92806 USA

6. Transporter 1 Company Name: American Integrated Services, Inc — U.S. EPA ID Number: CAR000148338

7. Transporter 2 Company Name: PACIFIC TRANS — U.S. EPA ID Number: CAD981412356

8. Designated Facility Name and Site Address
US Ecology
Highway 95, 11 Miles South of Beatty
Beatty, NV 89003
Facility's Phone: 800-239-3943

U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. Non-RCRA Hazardous Waste Liquid	1	DM	55	G	135		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Wear appropriate PPE while handling. Weights or volumes are approximate.
Job # 27001-327 Profile# 070131570-1817

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: RALPH J McCAFFREY — Signature: [signature] — Month: 10 Day: 30 Year: 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ben Burgos — Signature: [signature] — Month: 10 Day: 30 Year: 07

Transporter 2 Printed/Typed Name: Miguel Gutierrez — Signature: Miguel Gutierrez — Month: 11 Day: 02 Year: 07

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H039			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Lamar Way — Signature: [signature] — Month: 11 Day: 02 Year: 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPENDIX E

List of Tables

KEY FOR ANALYTICAL RESULTS
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California

NOTES:

ND	Analyte not detected above corresponding Reporting Limit
(<0.5)	Corresponding Reporting Limit

Reported Units:

mg/L	milligrams per liter
ug/kg	microgram per kilogram
mg/kg	milligrams per kilogram

TABLE E-1
SOIL ANALYTICAL RESULTS - METALS
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California
Page 1 of 3

Site ID:		B-43		B-44	B-45	B-46	B-47	B-48	B-49	B-50	
Sample ID:		B-43-0	B-43-0D	B-44-0.5	B-45-0	B-46-5	B-47-5	B-48-5	B-49-5	B-50-5	B-50-10
Sample Date:		10/04/07	10/04/07	10/04/07	10/04/07	10/05/07	10/05/07	10/05/07	10/05/07	10/04/07	10/04/07
Sample Depth:		0	0	0.5	0	5	5	5	5	5	10
ANALYTE	Units	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000
Antimony	mg/kg	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)
Arsenic	mg/kg	5.51	5.11	4.53	5.40	1.30	ND (<0.750)	ND (<0.750)	ND (<0.750)	0.917	ND (<0.750)
Barium	mg/kg	96.2	93.0	71.0	86.2	56.5	44.6	16.7	38.5	18.6	36.0
Beryllium	mg/kg	0.477	0.455	0.359	0.311	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)
Cadmium	mg/kg	ND (<0.500)	0.945	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)
Chromium	mg/kg	21.3	20.4	12.5	12.4	5.50	4.54	3.02	3.67	3.67	3.91
Cobalt	mg/kg	6.18	5.81	5.72	5.25	3.57	2.92	1.86	2.61	2.49	1.99
Copper	mg/kg	15.7	15.1	15.4	13.4	5.96	3.78	2.32	2.33	2.74	2.53
Lead	mg/kg	4.35	3.47	23.4	15.7	2.05	1.24	0.867	0.676	0.857	0.965
Mercury	mg/kg	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)
Molybdenum	mg/kg	3.46	3.03	0.451	1.40	0.257	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	0.757
Nickel	mg/kg	14.2	13.8	9.72	10.9	4.51	3.40	2.25	2.83	2.94	2.12
Selenium	mg/kg	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)
Silver	mg/kg	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)
Thallium	mg/kg	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)
Vanadium	mg/kg	35.7	33.3	23.4	26.6	13.6	10.8	6.90	9.17	9.63	7.59
Zinc	mg/kg	60.7	58.3	63.6	49.3	33.6	28.6	11.0	26.3	14.5	20.2

TABLE E-1
SOIL ANALYTICAL RESULTS - METALS
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California

Site ID:		B-51			B-52		B-53		B-54	B-54	B-55		B-56
Sample ID:		B-51-1	B-51-5	B-51-5D	B-52-1	B-52-5	B-53-1	B-53-5	B-54-1	B-54-5	B-55-5	B-55-10	B-56-5
Sample Date:		10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/04/07	10/04/07	10/04/07
Sample Depth:		1	5	5	1	5	1	5	1	5	5	10	5
ANALYTE	Units	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000
Antimony	mg/kg	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)
Arsenic	mg/kg	2.90	0.807	ND (<0.750)	4.28	ND (<0.750)	6.55	ND (<0.750)	3.05	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)
Barium	mg/kg	90.7	22.7	18.3	76.8	18.8	115	39.7	101	22.9	21.5	20.6	20.0
Beryllium	mg/kg	0.396	ND (<0.250)	ND (<0.250)	0.406	ND (<0.250)	0.356	ND (<0.250)	0.417	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)
Cadmium	mg/kg	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)	ND (<0.500)
Chromium	mg/kg	14.0	3.94	3.16	15.3	3.61	13.0	3.44	15.3	4.21	4.10	4.18	3.78
Cobalt	mg/kg	7.37	2.62	2.13	7.53	2.57	7.39	2.49	8.07	2.78	2.55	2.42	2.58
Copper	mg/kg	15.7	2.81	2.26	20.3	2.55	15.7	2.66	17.9	3.89	3.05	2.93	2.80
Lead	mg/kg	7.21	1.26	0.739	15.6	0.628	40.0	0.643	10.9	0.943	0.949	1.27	1.01
Mercury	mg/kg	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	0.128	ND (<0.0835)	0.0957	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)	ND (<0.0835)
Molybdenum	mg/kg	0.802	ND (<0.250)	ND (<0.250)	0.334	ND (<0.250)	1.52	ND (<0.250)	0.559	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)
Nickel	mg/kg	11.4	3.03	2.43	11.3	2.68	11.2	2.74	12.1	3.22	3.10	3.19	2.87
Selenium	mg/kg	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)
Silver	mg/kg	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)	ND (<0.250)
Thallium	mg/kg	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)	ND (<0.750)
Vanadium	mg/kg	30.1	10.0	8.45	30.3	10.1	28.1	8.97	31.0	10.5	9.56	9.03	10.1
Zinc	mg/kg	69.9	16.4	13.3	78.9	15.2	72.6	26.1	84.3	18.4	15.6	14.4	16.9

TABLE E-1
SOIL ANALYTICAL RESULTS - METALS
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California
Page 3 of 3

Site ID:		B-57	B-59	B-60	B-61	B-62	B-63	B-64		B-65
Sample ID:		B-57-5	B-59-1	B-60-0	B-61-0	B-62-0	B-63-0	B-64-0	B-64-0D	B-65-0
Sample Date:		10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07
Sample Depth:		5	1	0	0	0	0	0	0	0
ANALYTE	Units	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000	EPA 6/7000
Antimony	mg/kg	ND (<0.750)	ND (<0.750)							
Arsenic	mg/kg	0.989	2.53							
Barium	mg/kg	27.1	73.3							
Beryllium	mg/kg	ND (<0.250)	0.352							
Cadmium	mg/kg	ND (<0.500)	ND (<0.500)							
Chromium	mg/kg	4.73	11.9							
Cobalt	mg/kg	3.02	6.55							
Copper	mg/kg	3.90	13.2							
Lead	mg/kg	2.08	24.6	25.2	66.1	70.4	27.0	86.4	98.2	90.2
Mercury	mg/kg	ND (<0.0835)	ND (<0.0835)							
Molybdenum	mg/kg	ND (<0.250)	0.630							
Nickel	mg/kg	3.70	9.72							
Selenium	mg/kg	ND (<0.750)	ND (<0.750)							
Silver	mg/kg	ND (<0.250)	ND (<0.250)							
Thallium	mg/kg	ND (<0.750)	ND (<0.750)							
Vanadium	mg/kg	11.6	25.3							
Zinc	mg/kg	18.9	60.5							

TABLE E-2
SOIL ANALYTICAL RESULTS - METALS STLC
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California

	Site ID:	**B-61**	**B-62**	**B-64**	**B-65**
	Sample ID:	**B-61-0**	**B-62-0**	**B-64-0D**	**B-65-0**
	Sample Date:	**10/04/07**	**10/04/07**	**10/04/07**	**10/04/07**
	Sample Depth:	**0**	**0**	**0**	**0**
ANALYTE	**Units**	**EPA 6010B**	**EPA 6010B**	**EPA 6010B**	**EPA 6010B**
Lead	mg/L	4.59	5.68	6.94	7.17

TABLE E-3
SOIL ANALYTICAL RESULTS - TOTAL PETROLEUM HYDROCARBONS
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California
Page 1 of 3

Site ID:		B-43		B-44	B-45			B-46	B-47	B-48	B-49	B-50	
Sample ID:		B-43-0	B-43-0D	B-44-0.5	B-45-0	B-45-5	B-45-5D	B-46-5	B-47-5	B-48-5	B-49-5	B-50-5	B-50-10
Sample Date:		10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/05/07	10/05/07	10/05/07	10/05/07	10/04/07	10/04/07
Sample Depth:		0	0	0.5	0	5	5	5	5	5	5	5	10
ANALYTE	Units	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B
C7	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C8	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C9-C10	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C11-C12	mg/kg	ND (<1)	ND (<1)	0.74	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C13-C14	mg/kg	0.82	0.32	0.29	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C15-C16	mg/kg	0.69	0.43	1.2	2.9	ND (<1)	0.026	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C17-C18	mg/kg	0.39	0.30	1.3	9.5	0.71	0.39	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C19-C20	mg/kg	0.52	0.25	1.9	23	1.7	0.55	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C21-C22	mg/kg	0.78	0.23	2.2	35	2.9	1.0	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C23-C24	mg/kg	1.2	0.67	2.8	37	3.4	1.5	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	1.8
C25-C28	mg/kg	2.5	2.4	13	150	14	3.9	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	0.12
C29-C32	mg/kg	4.8	4.2	26	330	28	6.7	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C33-C36	mg/kg	5.0	3.6	26	320	26	5.7	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C37-C40	mg/kg	2.6	0.93	22	290	30	4.0	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C41-C44	mg/kg	3.4	1.2	28	220	32	7.2	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C7-C44 Total	mg/kg	23	14	130	1400	140	31	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)

TABLE E-3
SOIL ANALYTICAL RESULTS - TOTAL PETROLEUM HYDROCARBONS
Additional Phase II Environmental Investigation
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Site ID:		B-51			B-52		B-53		B-54		B-55	
Sample ID:		B-51-1	B-51-5	B-51-5D	B-52-1	B-52-5	B-53-1	B-53-5	B-54-1	B-54-5	B-55-5	B-55-10
Sample Date:		10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/04/07	10/04/07
Sample Depth:		1	5	5	1	5	1	5	1	5	5	10
ANALYTE	Units	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B
C7	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C8	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C9-C10	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C11-C12	mg/kg	0.36	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C13-C14	mg/kg	1.3	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C15-C16	mg/kg	1.5	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C17-C18	mg/kg	0.84	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C19-C20	mg/kg	1.2	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C21-C22	mg/kg	0.97	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C23-C24	mg/kg	0.43	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	2.5
C25-C28	mg/kg	0.10	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	0.14
C29-C32	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C33-C36	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C37-C40	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C41-C44	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C7-C44 Total	mg/kg	6.7	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)

TABLE E-3
SOIL ANALYTICAL RESULTS - TOTAL PETROLEUM HYDROCARBONS
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
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Site ID:		B-56	B-57	B-58				
Sample ID:		B-56-5	B-57-5	B-58-1	B-58-5	B-58-10	B-58-10D	B-58-15
Sample Date:		10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07
Sample Depth:		5	5	1	5	10	10	15
ANALYTE	Units	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B	EPA 8015B
C7	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C8	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C9-C10	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C11-C12	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C13-C14	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C15-C16	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C17-C18	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C19-C20	mg/kg	ND (<1)	0.12	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C21-C22	mg/kg	ND (<1)	0.40	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C23-C24	mg/kg	ND (<1)	0.80	ND (<1)	ND (<1)	1.6	2.8	1.2
C25-C28	mg/kg	ND (<1)	1.8	ND (<1)	ND (<1)	0.14	0.12	0.062
C29-C32	mg/kg	ND (<1)	0.85	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C33-C36	mg/kg	ND (<1)	0.32	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C37-C40	mg/kg	ND (<1)	0.081	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C41-C44	mg/kg	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
C7-C44 Total	mg/kg	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)

TABLE E-4
SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
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Site ID:		B-43		B-44	B-45	B-46	B-47	B-48	B-49	B-50		B-51		
Sample ID:		B-43-0	B-43-0D	B-44-0.5	B-45-0	B-46-5	B-47-5	B-48-5	B-49-5	B-50-5	B-50-10	B-51-1	B-51-5	B-51-5D
Sample Date:		10/04/07	10/04/07	10/04/07	10/04/07	10/05/07	10/05/07	10/05/07	10/05/07	10/04/07	10/04/07	10/05/07	10/05/07	10/05/07
Sample Depth:		0	0	0.5	0	5	5	5	5	5	10	1	5	5
ANALYTE	Units	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B
Acetone	ug/kg	ND (<50)	73	69	ND (<45)	ND (<48)	ND (<48)	ND (<53)	ND (<52)	ND (<53)	ND (<50)	59	ND (<47)	ND (<52)
Benzene	ug/kg	ND (<1.0)	ND (<1.1)	1.3	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	0.99	ND (<0.95)	ND (<1.0)
Bromobenzene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
Bromochloromethane	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)	ND (<1.6)	ND (<1.9)	ND (<2.1)
Bromodichloromethane	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
Bromoform	ug/kg	ND (<5.0)	ND (<5.5)	ND (<5.1)	ND (<4.5)	ND (<4.8)	ND (<4.8)	ND (<5.3)	ND (<5.2)	ND (<5.3)	ND (<5.0)	ND (<4.1)	ND (<4.7)	ND (<5.2)
Bromomethane	ug/kg	ND (<20)	ND (<22)	ND (<20)	ND (<18)	ND (<19)	ND (<19)	ND (<21)	ND (<21)	ND (<21)	ND (<20)	ND (<16)	ND (<19)	ND (<21)
2-Butanone	ug/kg	ND (<20)	ND (<22)	ND (<20)	ND (<18)	ND (<19)	ND (<19)	ND (<21)	ND (<21)	ND (<21)	ND (<20)	ND (<16)	ND (<19)	ND (<21)
n-Butylbenzene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
sec-Butylbenzene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
tert-Butylbenzene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
Carbon Disulfide	ug/kg	ND (<10)	ND (<11)	ND (<10)	ND (<8.9)	ND (<9.6)	ND (<9.7)	ND (<11)	ND (<10)	ND (<11)	ND (<10)	ND (<8.2)	ND (<9.5)	ND (<10)
Carbon Tetrachloride	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
Chlorobenzene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
Chloroethane	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)	ND (<1.6)	ND (<1.9)	ND (<2.1)
Chloroform	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
Chloromethane	ug/kg	ND (<20)	ND (<22)	ND (<20)	ND (<18)	ND (<19)	ND (<19)	ND (<21)	ND (<21)	ND (<21)	ND (<20)	ND (<16)	ND (<19)	ND (<21)
2-Chlorotoluene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
4-Chlorotoluene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
1,2-Dibromo-3-Chloropropane	ug/kg	ND (<5.0)	ND (<5.5)	ND (<5.1)	ND (<4.5)	ND (<4.8)	ND (<4.8)	ND (<5.3)	ND (<5.2)	ND (<5.3)	ND (<5.0)	ND (<4.1)	ND (<4.7)	ND (<5.2)
Dibromochloromethane	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)	ND (<1.6)	ND (<1.9)	ND (<2.1)
1,2-Dibromoethane	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
Dibromomethane	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
1,2-Dichlorobenzene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
1,3-Dichlorobenzene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
1,4-Dichlorobenzene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
Dichlorodifluoromethane	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)	ND (<1.6)	ND (<1.9)	ND (<2.1)
1,1-Dichloroethane	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
1,2-Dichloroethane	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
1,1-Dichloroethene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
c-1,2-Dichloroethene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
t-1,2-Dichloroethene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
1,2-Dichloropropane	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
1,3-Dichloropropane	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)

TABLE E-4
SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California

Site ID:		B-43		B-44	B-45	B-46	B-47	B-48	B-49	B-50		B-51		
Sample ID:		B-43-0	B-43-0D	B-44-0.5	B-45-0	B-46-5	B-47-5	B-48-5	B-49-5	B-50-5	B-50-10	B-51-1	B-51-5	B-51-5D
Sample Date:		10/04/07	10/04/07	10/04/07	10/04/07	10/05/07	10/05/07	10/05/07	10/05/07	10/04/07	10/04/07	10/05/07	10/05/07	10/05/07
Sample Depth:		0	0	0.5	0	5	5	5	5	5	10	1	5	5
ANALYTE	Units	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B
2,2-Dichloropropane	ug/kg	ND (<5.0)	ND (<5.5)	ND (<5.1)	ND (<4.5)	ND (<4.8)	ND (<4.8)	ND (<5.3)	ND (<5.2)	ND (<5.3)	ND (<5.0)	ND (<4.1)	ND (<4.7)	ND (<5.2)
1,1-Dichloropropene	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)	ND (<1.6)	ND (<1.9)	ND (<2.1)
c-1,3-Dichloropropene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
t-1,3-Dichloropropene	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)	ND (<1.6)	ND (<1.9)	ND (<2.1)
Ethylbenzene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
2-Hexanone	ug/kg	ND (<20)	ND (<22)	ND (<20)	ND (<18)	ND (<19)	ND (<19)	ND (<21)	ND (<21)	ND (<21)	ND (<20)	ND (<16)	ND (<19)	ND (<21)
Isopropylbenzene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
p-Isopropyltoluene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
4-Methyl-2-Pentanone	ug/kg	ND (<20)	ND (<22)	ND (<20)	ND (<18)	ND (<19)	ND (<19)	ND (<21)	ND (<21)	ND (<21)	ND (<20)	ND (<16)	ND (<19)	ND (<21)
Methyl-t-Butyl Ether (MTBE)	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)	ND (<1.6)	ND (<1.9)	ND (<2.1)
Methylene Chloride	ug/kg	ND (<10)	ND (<11)	ND (<10)	ND (<8.9)	ND (<9.6)	ND (<9.7)	ND (<11)	ND (<10)	ND (<11)	ND (<10)	ND (<8.2)	ND (<9.5)	ND (<10)
Naphthalene	ug/kg	ND (<10)	ND (<11)	ND (<10)	ND (<8.9)	ND (<9.6)	ND (<9.7)	ND (<11)	ND (<10)	ND (<11)	ND (<10)	ND (<8.2)	ND (<9.5)	ND (<10)
n-Propylbenzene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
Styrene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
1,1,1,2-Tetrachloroethane	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
1,1,2,2-Tetrachloroethane	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)	ND (<1.6)	ND (<1.9)	ND (<2.1)
Tetrachloroethene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
Toluene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	ND (<10)	ND (<11)	ND (<10)	ND (<8.9)	ND (<9.6)	ND (<9.7)	ND (<11)	ND (<10)	ND (<11)	ND (<10)	ND (<8.2)	ND (<9.5)	ND (<10)
1,2,3-Trichlorobenzene	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)	ND (<1.6)	ND (<1.9)	ND (<2.1)
1,2,4-Trichlorobenzene	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)	ND (<1.6)	ND (<1.9)	ND (<2.1)
1,1,1-Trichloroethane	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
1,1,2-Trichloroethane	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
Trichloroethene	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)	ND (<1.6)	ND (<1.9)	ND (<2.1)
Trichlorofluoromethane	ug/kg	ND (<10)	ND (<11)	ND (<10)	ND (<8.9)	ND (<9.6)	ND (<9.7)	ND (<11)	ND (<10)	ND (<11)	ND (<10)	ND (<8.2)	ND (<9.5)	ND (<10)
1,2,3-Trichloropropane	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)	ND (<1.6)	ND (<1.9)	ND (<2.1)
1,2,4-Trimethylbenzene	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)	ND (<1.6)	ND (<1.9)	ND (<2.1)
1,3,5-Trimethylbenzene	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)	ND (<1.6)	ND (<1.9)	ND (<2.1)
Vinyl Acetate	ug/kg	ND (<10)	ND (<11)	ND (<10)	ND (<8.9)	ND (<9.6)	ND (<9.7)	ND (<11)	ND (<10)	ND (<11)	ND (<10)	ND (<8.2)	ND (<9.5)	ND (<10)
Vinyl Chloride	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
o-Xylene	ug/kg	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.89)	ND (<0.96)	ND (<0.97)	ND (<1.1)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.82)	ND (<0.95)	ND (<1.0)
p/m-Xylene	ug/kg	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<1.8)	ND (<1.9)	ND (<1.9)	ND (<2.1)	ND (<2.1)	ND (<2.1)	ND (<2.0)	ND (<1.6)	ND (<1.9)	ND (<2.1)

TABLE E-4
SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California

Site ID:		B-52		B-53		B-54		B-55		B-56	B-57	B-59
Sample ID:		B-52-1	B-52-5	B-53-1	B-53-5	B-54-1	B-54-5	B-55-5	B-55-10	B-56-5	B-57-5	B-59-1
Sample Date:		10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07
Sample Depth:		1	5	1	5	1	5	5	10	5	5	1
ANALYTE	Units	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B
Acetone	ug/kg	ND (<41)	ND (<53)	41	ND (<51)	ND (<40)	ND (<52)	ND (<51)	ND (<50)	ND (<54)	ND (<50)	ND (<50)
Benzene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	1.2	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
Bromobenzene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
Bromochloromethane	ug/kg	ND (<1.7)	ND (<2.1)	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<2.0)
Bromodichloromethane	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
Bromoform	ug/kg	ND (<4.1)	ND (<5.3)	ND (<3.9)	ND (<5.1)	ND (<4.0)	ND (<5.2)	ND (<5.1)	ND (<5.0)	ND (<5.4)	ND (<5.0)	ND (<5.0)
Bromomethane	ug/kg	ND (<17)	ND (<21)	ND (<16)	ND (<20)	ND (<16)	ND (<21)	ND (<20)	ND (<20)	ND (<22)	ND (<20)	ND (<20)
2-Butanone	ug/kg	ND (<17)	ND (<21)	ND (<16)	ND (<20)	ND (<16)	ND (<21)	ND (<20)	ND (<20)	ND (<22)	ND (<20)	ND (<20)
n-Butylbenzene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
sec-Butylbenzene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
tert-Butylbenzene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
Carbon Disulfide	ug/kg	ND (<8.3)	ND (<11)	ND (<7.8)	ND (<10)	ND (<8.0)	ND (<10)	ND (<10)	ND (<10)	ND (<11)	ND (<10)	ND (<9.9)
Carbon Tetrachloride	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
Chlorobenzene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
Chloroethane	ug/kg	ND (<1.7)	2.7	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<2.0)
Chloroform	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
Chloromethane	ug/kg	ND (<17)	ND (<21)	ND (<16)	ND (<20)	ND (<16)	ND (<21)	ND (<20)	ND (<20)	ND (<22)	ND (<20)	ND (<20)
2-Chlorotoluene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
4-Chlorotoluene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
1,2-Dibromo-3-Chloropropane	ug/kg	ND (<4.1)	ND (<5.3)	ND (<3.9)	ND (<5.1)	ND (<4.0)	ND (<5.2)	ND (<5.1)	ND (<5.0)	ND (<5.4)	ND (<5.0)	ND (<5.0)
Dibromochloromethane	ug/kg	ND (<1.7)	ND (<2.1)	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<2.0)
1,2-Dibromoethane	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
Dibromomethane	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
1,2-Dichlorobenzene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
1,3-Dichlorobenzene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
1,4-Dichlorobenzene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
Dichlorodifluoromethane	ug/kg	ND (<1.7)	ND (<2.1)	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<2.0)
1,1-Dichloroethane	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
1,2-Dichloroethane	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
1,1-Dichloroethene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
c-1,2-Dichloroethene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
t-1,2-Dichloroethene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
1,2-Dichloropropane	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
1,3-Dichloropropane	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)

TABLE E-4
SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California
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Site ID:		B-52		B-53		B-54		B-55		B-56	B-57	B-59
Sample ID:		B-52-1	B-52-5	B-53-1	B-53-5	B-54-1	B-54-5	B-55-5	B-55-10	B-56-5	B-57-5	B-59-1
Sample Date:		10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/05/07	10/04/07	10/04/07	10/04/07	10/04/07	10/04/07
Sample Depth:		1	5	1	5	1	5	5	10	5	5	1
ANALYTE	Units	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B
2,2-Dichloropropane	ug/kg	ND (<4.1)	ND (<5.3)	ND (<3.9)	ND (<5.1)	ND (<4.0)	ND (<5.2)	ND (<5.1)	ND (<5.0)	ND (<5.4)	ND (<5.0)	ND (<5.0)
1,1-Dichloropropene	ug/kg	ND (<1.7)	ND (<2.1)	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<2.0)
c-1,3-Dichloropropene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
t-1,3-Dichloropropene	ug/kg	ND (<1.7)	ND (<2.1)	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<2.0)
Ethylbenzene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
2-Hexanone	ug/kg	ND (<17)	ND (<21)	ND (<16)	ND (<20)	ND (<16)	ND (<21)	ND (<20)	ND (<20)	ND (<22)	ND (<20)	ND (<20)
Isopropylbenzene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
p-Isopropyltoluene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
4-Methyl-2-Pentanone	ug/kg	ND (<17)	ND (<21)	ND (<16)	ND (<20)	ND (<16)	ND (<21)	ND (<20)	ND (<20)	ND (<22)	ND (<20)	ND (<20)
Methyl-t-Butyl Ether (MTBE)	ug/kg	ND (<1.7)	ND (<2.1)	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<2.0)
Methylene Chloride	ug/kg	ND (<8.3)	ND (<11)	ND (<7.8)	ND (<10)	ND (<8.0)	ND (<10)	ND (<10)	ND (<10)	ND (<11)	ND (<10)	ND (<9.9)
Naphthalene	ug/kg	ND (<8.3)	ND (<11)	ND (<7.8)	ND (<10)	ND (<8.0)	ND (<10)	ND (<10)	ND (<10)	ND (<11)	ND (<10)	ND (<9.9)
n-Propylbenzene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
Styrene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
1,1,1,2-Tetrachloroethane	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
1,1,2,2-Tetrachloroethane	ug/kg	ND (<1.7)	ND (<2.1)	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<2.0)
Tetrachloroethene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
Toluene	ug/kg	5.2	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	ND (<8.3)	ND (<11)	ND (<7.8)	ND (<10)	ND (<8.0)	ND (<10)	ND (<10)	ND (<10)	ND (<11)	ND (<10)	ND (<9.9)
1,2,3-Trichlorobenzene	ug/kg	ND (<1.7)	ND (<2.1)	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<2.0)
1,2,4-Trichlorobenzene	ug/kg	ND (<1.7)	ND (<2.1)	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<2.0)
1,1,1-Trichloroethane	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
1,1,2-Trichloroethane	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
Trichloroethene	ug/kg	ND (<1.7)	ND (<2.1)	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<2.0)
Trichlorofluoromethane	ug/kg	ND (<8.3)	ND (<11)	ND (<7.8)	ND (<10)	ND (<8.0)	ND (<10)	ND (<10)	ND (<10)	ND (<11)	ND (<10)	ND (<9.9)
1,2,3-Trichloropropane	ug/kg	ND (<1.7)	ND (<2.1)	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<2.0)
1,2,4-Trimethylbenzene	ug/kg	ND (<1.7)	ND (<2.1)	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<2.0)
1,3,5-Trimethylbenzene	ug/kg	ND (<1.7)	ND (<2.1)	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<2.0)
Vinyl Acetate	ug/kg	ND (<8.3)	ND (<11)	ND (<7.8)	ND (<10)	ND (<8.0)	ND (<10)	ND (<10)	ND (<10)	ND (<11)	ND (<10)	ND (<9.9)
Vinyl Chloride	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
o-Xylene	ug/kg	ND (<0.83)	ND (<1.1)	ND (<0.78)	ND (<1.0)	ND (<0.80)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.1)	ND (<1.0)	ND (<0.99)
p/m-Xylene	ug/kg	ND (<1.7)	ND (<2.1)	ND (<1.6)	ND (<2.0)	ND (<1.6)	ND (<2.1)	ND (<2.0)	ND (<2.0)	ND (<2.2)	ND (<2.0)	ND (<2.0)

TABLE E-5
SOIL ANALYTICAL RESULTS - POLYCHLORINATED BIPHENYLS
Additional Phase II Environmental Investigation
City of Anaheim Proposed Power Generation/Peaker Site
Anaheim, California

	Site ID:	B-66	B-66
	Sample ID:	B-66-1	B-66-1D
	Sample Date:	10/04/07	10/04/07
	Sample Depth:	1	1
ANALYTE	Units	EPA 8082	EPA 8082
Aroclor-1016	ug/kg	ND (<50)	ND (<50)
Aroclor-1221	ug/kg	ND (<50)	ND (<50)
Aroclor-1232	ug/kg	ND (<50)	ND (<50)
Aroclor-1242	ug/kg	ND (<50)	ND (<50)
Aroclor-1248	ug/kg	ND (<50)	ND (<50)
Aroclor-1254	ug/kg	ND (<50)	ND (<50)
Aroclor-1260	ug/kg	ND (<50)	ND (<50)
Aroclor-1262	ug/kg	ND (<50)	ND (<50)