SITE INVESTIGATION REPORT

SFOBB OAKLAND TOUCHDOWN
EAST SPAN SEISMIC SAFETY PROJECT
OAKLAND, CALIFORNIA

PREPARED FOR:
CALIFORNIA DEPARTMENT OF TRANSPORTATION
DISTRICT 4
OFFICE OF ENVIRONMENTAL ENGINEERING
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REPORT LIMITATIONS

This report has been prepared exclusively for the State of California Department of Transportation (Caltrans) District 4. The information contained herein is only valid as of the date of the report, and will require an update to reflect additional information obtained.

This report is not a comprehensive site characterization and should not be construed as such. The findings as presented in this report are predicated on the results of the limited sampling and laboratory testing performed. In addition, the information obtained is not intended to address potential impacts related to sources other than those specified herein. Therefore, the report should be deemed conclusive with respect to only the information obtained. We make no warranty, express or implied, with respect to the content of this report or any subsequent reports, correspondence or consultation. Geocon strived to perform the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.

The contents of this report reflect the views of the author who is responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the State of California or the Federal Highway Administration. This report does not constitute a standard, specification, or regulation.

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EXECUTIVE SUMMARY

This Site Investigation Report was prepared for the Oakland Touchdown San Francisco-Oakland Bay Bridge (SFOBB) East Span Seismic Safety Project in Alameda County, California.

The site is located adjacent to the service road on the east approach to the SFOBB and extends from the Caltrans SFOBB Maintenance Station to the Pacific Gas and Electric (PG&E) substation located at the east end touchdown of the SFOBB as shown on Figures 1 and 2. This report documents a supplemental investigation of areas within the SFOBB East Span Seismic Safety Project limits. For additional information, see:

- *Site Investigation Report, The Oakland Mole, San Francisco-Oakland Bay Bridge East Span Seismic Safety Project, Alameda County, California*, Geocon, October 2001.
- *Hazardous Waste Site Investigation Report, Oakland Mole, Alameda County, California*, Professional Services Industries, June 2002.

The proposed construction activities covered by this report will include the construction of a utility trench south of the existing SR 80 along the East Bay Municipal Utility District (EBMUD) sewer outfall a new SFOBB electrical substation (mole substation), and dewatering of excavations.

The primary objective of the proposed scope of services was to evaluate whether impacts from contaminants of concern (COC) including lead from vehicle emissions or lead-based paint removal, other metals, total petroleum hydrocarbons as gasoline (TPHg), as diesel (TPHd), and as motor oil (TPHmo), polychlorinated biphenyl (PCBs), aromatic halogenated volatile organic compounds (AHVOCs), semi-volatile organic compounds (SVOCs), or chlorinated pesticides exist in the near surface and sub-surface soil and groundwater within the project boundaries. The COC concentrations in soil were used to evaluate material waste classification and material handling with respect to worker health and safety. The secondary objective was to determine if any environmental concerns exist in the vicinity of the PG&E substation facility.

The field investigation was performed in the months of February and March 2005. Boring locations were surveyed using Differential Global Positioning System (DGPS) equipment. Boring coordinates are presented in Table 1. Approximate boring locations are depicted on the Site Plans (Figures 2a and 2b). The following field activities were performed for this investigation:

- Advanced 23 soil borings (borings T1 through T23) in the vicinity of the proposed utility trench and collected soil samples for laboratory analysis;

- Advanced four soil borings (borings S1 through S4) in the vicinity of the proposed mole substation and collected soil samples for laboratory analysis;

- Advanced six soil borings (borings PGE1 through PGE6) in the vicinity of the existing PG&E electrical substation and collected soil samples for laboratory analysis;

- Constructed one groundwater monitoring well, MW-1, on the north side of SR 80 adjacent to the SFOBB Oakland Touchdown and collected soil and groundwater samples for laboratory analysis.

Soil samples were analyzed for one or a combination of the following:

- Total lead using EPA Test Method 6010;
- CAM 17 metals using EPA Test Method 6010/7421;
- TPHd and TPHmo using EPA Test Method 8015M;
- TPHg using EPA Test Method 8015M;
- PCBs using EPA Test Method 8082;
- Chlorinated pesticides using EPA Test Method 8081A;
- Aromatic halogenated volatile organic compounds (AHVOCs) using EPA Test Method 8260;
- Soluble metals by the California Waste Extraction Test (WET) analysis following EPA Test Method 6010;
- Soluble metals by the Federal Toxicity Characteristic Leaching Procedure (TCLP) following EPA Test Method 1311.

Groundwater samples were analyzed for each of the following constituents:

- CAM 17 metals using EPA Test Method 6010/7421;
- TPHg and TPHd using EPA Test Method 8015M;
- Oil and grease using EPA Test Method 1664 using the hexane extraction material (HEM);
- Total recoverable petroleum hydrocarbons (TRPH) using EPA Test Method 1664 using the silica gel treatment (SGT) combined with (HEM);
- VOCs using EPA Test Method 8260B;
- SVOCs using EPA Test Method 8270C;
- Total organic carbon (TOC) using EPA Test Method 415.1;
- Total dissolved solids (TDS) using EPA Test Method 160.1;
- Dissolved sulfide using EPA Test Method 9034/376.1.

The area that encompasses the project site is a man-made peninsula designed to support the east touchdown for the SFOBB. A variety of fill material was used to construct the touchdown land mass. Soil encountered during the field activities generally consisted of gravelly sandy silts to the maximum depth of exploration, approximately 4.5 meters (15 feet) below the ground surface (bgs).

In the vicinity of the PG&E electrical substation, refusal was commonly encountered at approximately 2.5 meters (8 feet) bgs due to what was assumed to be large boulders. Groundwater was generally encountered at depths ranging from 0.6 meter (2 feet) to 1.5 meters (5 feet) bgs.

A summary of the analytical laboratory test results for the organic compounds (e.g.; TPHg and PCBs) in soil is presented in Table 3. Table 4 presents a summary of the analytical laboratory test results for lead in soil. Table 5 presents a summary of the CAM 17 metals results. The laboratory analytical results indicated the following:

- TPHg was not detected in any of the soil samples analyzed;
- TPHd was detected in all but ten of the samples analyzed at concentrations that range from 1.3 mg/kg to 630 mg/kg;
- TPHmo was detected in all but four samples at concentrations that range from 1.1 mg/kg to 2,100 mg/kg;
- No AHVOCs were detected above the laboratory reporting limit in any of the soil samples analyzed;
- Chlorinated pesticides detected included 4,4'-DDT and its derivatives 4,4'-DDD and 4,4'-DDE (at combined total concentrations ranging from 2.1 ug/kg to 361 ug/kg), Dieldrin (at concentrations of 4.3 ug/kg and 5.2 ug/kg), and Chlordane, including alpha-chlordane and gamma-chlordane (at combined total concentrations ranging from 67.7 ug/kg to 849 ug/kg);
- PCBs were present in approximately one-third of the samples analyzed. The Aroclors 1254, 1260 and 1262 were detected at combined total concentrations ranging from 26 ug/kg to 340 ug/kg;
- Chromium was detected at values greater than the ten times the Soluble Threshold Limit Concentration (STLC) in two samples (T16-0.5 and T18-0), at concentrations of 140 mg/kg and 210 mg/kg, respectively. Soluble (WET) chromium was detected at a concentration of 1.2 mg/l in sample T18-0; the other sample with chromium greater than ten times its STLC was not analyzed for soluble chromium due to the known lead concentration in the same sample at 1900 mg/kg. Total chromium ranged from 1.6 mg/kg to 210 mg/kg;
- Mercury exceeded ten times the STLC in the sample collected from boring PGE3 at 1.5 meters (5 feet) bgs. The corresponding soluble (WET) data was 7.1 ug/l, less than the STLC value of 0.2 mg/l. Total mercury ranged from less than the laboratory reporting limit of 0.10 mg/kg to 8.1 mg/kg;
- Lead was detected at values greater than ten times the STLC in several samples. Total lead ranged from less than the laboratory-reporting limit of 5 mg/kg to 5,400 mg/kg. Soluble (WET) lead ranged from 2.0 mg/l to 57 mg/l, and soluble (TCLP) lead ranged from less than the laboratory-reporting limit of 1 mg/l to 6.5 mg/l.

A summary of the analytical laboratory test results for metals in groundwater is presented in Table 6. Table 7 presents a summary of the analytical laboratory test results for organic constituents. The groundwater from well MW-1 was sampled at low and high tide during the first and second quarters of 2005 to evaluate the variability of contaminant concentration. The contaminants detected are summarized in Tables 6 and 7.

For this report, total petroleum hydrocarbons, pesticides, PCBs, lead and other metal levels were evaluated and compared against Environmental Screening Levels (ESLs) and where relevant, USEPA Region 9 Preliminary Remediation Goals (PRGs).

PRGs are "risk-based tools for evaluating and cleaning up contaminated sites" (USEPA, 2004). PRGs consider toxicity levels and human health over a lifetime, including the lives of sensitive individuals. While exceeding a PRG does not necessarily constitute a contaminated site, further evaluation to assess the potential risk is appropriate.

ESLs are strictly risk assessment tools and "not regulatory clean up standards." The presence of a chemical at concentrations in excess of an ESL does not necessarily indicate that adverse impacts to human health or the environment are occurring; this simply indicates that a potential for adverse risk may exist and that additional evaluation is warranted (CRWQCB, 2005).

Lead is the primary contaminant of concern and was the leading contaminant in the waste characteristics of the soil. Summarized below are the statistical analysis for lead concentrations in soil and the waste classification for soil generated for different excavation scenarios. The waste classifications are evaluated based on a 90% upper confidence limit (UCL) of the lead content in the waste for the relevant depths; this has historically been considered sufficient to satisfy a good faith effort by the EPA as discussed in SW-846. The risk-based assessment is based on a 95% UCL of the lead content in the waste for the relevant depths; this is in accordance with the Risk Assessment Guidance for Superfund (RAGS) Volume 1 documentation for Exposure Assessment.

At depths where lead concentrations did not classify the soil as a California hazardous waste, no other COCs were detected at concentrations that would classify the soil as a hazardous waste. However, restrictions for reuse or disposal may be applicable based on detected COC concentrations at those depths. Thus, the soil that is not classified as a California hazardous waste based on lead content is characterized for potential offsite reuse or disposal. The offsite reuse or disposal characterization is based on all COCs relative to the PRGs and ESLs. The PRGs and ESLs each were considered for residential soil and industrial/commercial soil scenarios. The most restrictive ESL table was used for this characterization: *Table A – Shallow Soil (<3 meter bgs) – Water is a Current or Potential Source of Drinking Water*. The respective PRGs and ESLs are listed at the end of Table 3, Table 4, and Table 5. The respective TTLC and STLC values are also listed on the tables for comparative purposes.

Mole Substation – Borings S1 through S4

Excavation Scenario	Waste Characterization		Risk-Based Assessment
	90% UCL (mg/kg)	**Predicted WET Lead (mg/l)**	**95% UCL (mg/kg)**
Surface to 0.45 meter (0 to 1.5 ft)	386	27.6	430
Underlying soil (0.45 to4.6 meter)	*112*	*8*	*119*
Surface to 0.9 meter (0 to 3 ft)	531	38	571
Underlying soil (0.9 to 4.6 meter) (3 to 15 feet)	*44*	*3.1*	*47*

Based on the preceding table, waste soil generated at the mole substation from ground surface to 0.9 meter (3 feet) in depth will be classified as a California hazardous waste since the predicted soluble (WET) lead concentrations corresponding to the average total concentrations are greater than the STLC value of 5 mg/l. Soil generated for offsite disposal from excavations to 0.9 meter (3 foot) must be disposed at a Class 1 facility. Underlying soil (0.9 to 4.6 meters) is not considered a hazardous waste based on lead concentrations and further characterization of the underlying soil based on the other COCs relevant to the PRGs and ESLs is discussed below.

The COCs detected in soil samples from the mole substation collected at depths below 0.9 meter (3 feet) to 4.6 meter (15 feet) included TPHmo, TPHd, and various metals. TPHmo, TPHd and the various detected metals were detected below the PRGs and ESLs for residential and industrial soil scenarios. Based on the COCs concentrations reported below the aforementioned regulatory values, soil excavated in the vicinity of the mole substation from 0.9 meter (3 feet) to 4.6 meter (15 feet) could likely be reused/disposed offsite with no restrictions.

Utility Trench Borings – Borings T2 through T22

Excavation Scenario	Waste Characterization		Risk-Based Assessment
	90% UCL (mg/kg)	**Predicted WET Lead (mg/l)**	**95% UCL (mg/kg)**
Surface to 0.45 meter (0 to 1.5 ft)	1089	48.7	1172
Underlying soil (0.45 to1.65 meter)	*134*	*6*	*148*
Surface to 0.9 meter (0 to 3 ft)	695	31	752
Underlying soil (0.9 to 1.65 meter)	35	1.6	37

Based on the above table, waste soil generated from ground surface to 0.9 meter (3 feet) in depth will be classified as a California hazardous waste since the predicted soluble (WET) lead concentrations are greater than the STLC value of 5 mg/l. Soil generated for offsite disposal from surface to 0.9 meter (3 feet) must be disposed at a Class 1 facility.

The COCs analyzed in soil samples collected below 0.9 meter (3 feet) included AHVOCs, metals, and TPHg to a maximum explored depth of 2 meters (6.5 feet) bgs. The COCs detected in soil samples from the utility trench collected at depths below 0.9 meter (3 feet) included various metals. Arsenic was detected in one sample collected from T22 at 1.65 meters (5 feet) bgs at 2.3 mg/kg exceeding the PRG for residential (0.062 mg/kg) and industrial (0.25 mg/kg) soil. However, as noted in EPA's PRG users' guide, the average background concentration of arsenic in soil samples collected in California is greater than the established PRG. Lead was detected (300 mg/kg and 400 mg/kg) in two borings (T19 and T20) from samples collected at 1.65 meters (5 feet) bgs, exceeding the PRG and ESL for residential soil. However, the average lead concentration from samples collected at that depth is less than the PRG and ESL for residential soil.

Utility Trench Boring T1

Boring T1 was anomalous from the adjacent utility trench borings based on lead concentrations detected from the surface and 1.65 meters (5 feet) bgs (i.e., lead concentrations increased with depth at this location; at all other utility trench boring locations, the concentrations decreased with depth); therefore, boring T1 was treated independently. Based on the lead sample results from boring T1, excavated soil from the surface to 1.65 meters (5 feet) bgs may be considered a California hazardous waste based on the TTLC and STLC results for lead. The maximum explored depth in boring T1 was 2 meters (6.5 feet) bgs and the only COC analyzed for at that depth was AHVOCs. No AHVOCs were detected.

Utility Trench Boring T23

Boring T23 was located under the highway structure. Due to the lack of proximity of boring T23, it was assumed that material from excavations in the vicinity of boring T23 would not be mixed with material excavated from the rest of the utility trench. Based on the isolation of the portion of the trench represented by boring T23, the analytical data was characterized independent of data for other utility trench borings. Waste soil generated from excavations in the vicinity of boring T23 from surface to 1.65 meter (5 feet) at this location will be classified as a California hazardous waste since the soluble (WET) lead concentrations are greater than the STLC value of 5 mg/l (see Table 4 for sample-specific soluble (WET) values). The maximum depth of exploration in boring T23 was to 1.65 meters (5 feet) bgs.

Soil generated for offsite disposal from excavations in the vicinity of boring T23 from surface to 1.65 meters (5 feet) must be disposed at a Class 1 facility. There is no potential reuse or alternate disposal options for soil generated for off-haul from the vicinity of boring T23.

Groundwater

Groundwater analytical results were compared with ESL *Table F. Environmental Screening Levels Surface Water Bodies* for Estuarine Habitats to evaluate the concentrations of the COC that might be discharged to the San Francisco Bay during dewatering efforts. The respective ESLs are listed on the groundwater analytical result tables for metals, Table 6 and organics, Table 7. ESLs are considered to be conservative and under most circumstances, concentrations below ESLs can be assumed to not pose a significant threat to human health and the environment. Concentrations above an ESL do not automatically require remediation.

The groundwater samples were analyzed for metals, orgainics, and groundwater quality parameters. The detection limits for many of the metals are greater than their respective ESLs, including antimony, arsenic, beryllium, cadmium, cobalt, copper, lead, silver, thallium, and mercury. For those metals that have detection limits greater than the ESL, Geocon can not evaluate discharge for those metals.

The metal analytes detected above the laboratory reporting limits include barium, chromium, nickel, and vanadium. Of the detected analytes, chromium and nickel exceed the respective ESLs in both the high and low tide samples for each sample event. Based on the chromium and nickel concentrations exceeding the ESLs, it is likely that further assessment of groundwater prior to discharge to the storm sewer system or directly to the San Francisco Bay may be necessary.

Risk to Onsite Human Health

Based on current and proposed construction activities at the subject site, it is appropriate to compare the soil sample results to the PRGs for industrial soil. PRGs are used to estimate contaminant concentrations in environmental media (soil, air, and water) that are protective of human health, including sensitive groups, over a lifetime. Concentrations above a PRG do not automatically trigger a response action or suggest that a significant risk to human health exists. Exceeding a PRG does suggest that further evaluation of the potential risks that may be posed by site contaminants is appropriate.

Lead had reported concentrations greater than its PRG. The highest lead UCL of 1,172 mg/kg (utility trench borings T2 – T22) is greater than the industrial PRG of 800 mg/kg for lead in soil. Therefore, it is concluded that lead-impacted soil in the area of the utility trench (specifically borings T1, T9, and T15 through T20) may pose a risk to the health of workers performing the construction activities.

The contractor awarded the contract to complete the tasks associated with the construction of the utility trench, the new SFOBB electrical substation, and dewatering of excavations should prepare a site specific health and safety plan to address the potential hazardous of contaminants in soil and groundwater.

Preliminary Soil Screening at PG&E Substation

Soil samples were collected in the vicinity of the existing PG&E Substation to assist Caltrans in evaluating acquisition of this property. The following presents the laboratory analytical data and comparisons to typical waste classifications and ESLs to determine if environmental concerns exist at the property.

Soil samples were collected from surface to 4.7 meters (15.5 feet) bgs and analyzed for lead. The following presents a statistical analysis of the total lead concentrations and predicted soluble (WET) lead concentrations.

Excavation Scenario	**Waste Characterization**	
	90% UCL (mg/kg)	**Predicted WET Lead (mg/l)**
Surface to 1.5 meter (0 to 5 ft)	80	8.1
Underlying soil (1.5 to 4.7 meter)	*73*	*7.4*
Surface to 3 meter (0 to 10 ft)	80	8.1
Underlying soil (3 to 4.7 meter)	67	6.8
Surface to 4.6 meter (0 to 15 ft)	76	7.6
Underlying soil (4.6 to 4.7 meter)	*68*	*6.9*
Surface to 4.7 meter (0 to 15.5 ft)	75	7.6

The predicted soluble (WET) lead concentrations are greater than the STLC value of 5 mg/l, if waste soil were generated from excavations at this location it would likely be classified as a California hazardous waste. No other CAM 17 metals exceeded the respective TTLC or STLC value.

TPHd and TPHmo were detected in the soil on this property. Of the six borings advanced on the property, one soil sample collected from PGE3 at 1.5 meters (5 feet) bgs had detectable concentrations of TPHmo (1,400 mg/kg) above the ESL for industrial soil. No other detected petroleum hydrocarbons exceeded the respective ESLs.

Organochlorine pesticides were detected in soil samples collected at the PG&E substation. Dieldrin (4.3 ug/kg and 5.2 ug/kg) exceeded its ESL value for industrial soil. PCBs were detected in soil samples collected at the PG&E substation and none exceeded the ESL for industrial soil (740 ug/kg).

Potential environmental concerns exist at the PG&E property based on the detected concentrations of lead, TPHmo, and dieldrin.

SITE INVESTIGATION REPORT

1.0 INTRODUCTION

This Site Investigation Report was prepared for the Oakland Touchdown San Francisco-Oakland Bay Bridge (SFOBB) East Span Seismic Safety Project in Alameda County, California. This report documents the investigation sampling methods and laboratory analytical data for a supplemental investigation of areas within the SFOBB East Span Seismic Safety Project limits. For additional information on previous investigations, see Section 2.1.

1.1 Site Description and Proposed Improvements

The site is located adjacent to the service road on the east approach to the SFOBB and extends from the Caltrans SFOBB Maintenance Station to the Pacific Gas and Electric (PG&E) substation located at the east end touchdown of the SFOBB as shown on Figures 1 and 2. The proposed construction activities covered by this report will include the construction of a utility trench south of the existing SR 80 along the East Bay Municipal Utility District (EBMUD) sewer outfall, a new SFOBB electrical substation (mole substation), and dewatering of excavations.

1.2 Purpose

The primary objective of the proposed scope of services was to evaluate whether impacts from contaminants of concern (COC) including lead from vehicle emissions or lead-based paint removal, other metals, total petroleum hydrocarbons as gasoline (TPHg), as diesel (TPHd), and as motor oil (TPHmo), polychlorinated biphenyl (PCBs), aromatic halogenated volatile organic compounds (AHVOCs), semi-volatile organic compounds (SVOCs), or chlorinated pesticides exist in the near surface and sub-surface soil and groundwater within the project boundaries. The COC concentrations in soil were used to evaluate material waste classification and material handling with respect to worker health and safety. The secondary objective was to determine if any recognized environmental concerns exist in the vicinity of the PG&E substation facility.

The information obtained from this investigation will be used by Caltrans to coordinate SFOBB East Approach Oakland Touchdown project activities, determine soil disposal costs, and identify health and safety concerns likely to be encountered during improvements.

2.0 BACKGROUND

2.1 Potential Impacts

The COCs were selected based on the analytical results from previous investigations. For additional information, see the following reports:

- *Site Investigation Report, The Oakland Mole, San Francisco-Oakland Bay Bridge East Span Seismic Safety Project, Alameda County, California*, Geocon, October 2001.
- *Hazardous Waste Site Investigation Report, Oakland Mole, Alameda County, California*, Professional Services Industries, June 2002.

2.2 Hazardous Waste Determination Criteria

Regulatory criteria to classify waste as a California hazardous waste for handling and disposal purposes are contained in the California Code of Regulations (CCR), Title 22, Division 4.5, Chapter 11, Article 3, §66261.24. Criteria to classify waste as Resource Conservation and Recovery Act (RCRA) hazardous are contained in Chapter 40 of the Code of Federal Regulations (40 CFR), Section 261.

For a waste containing metals, the waste is classified as a California hazardous waste when: 1) the total metal content exceeds the respective Total Threshold Limit Concentration (TTLC); or 2) the soluble metal content exceeds the respective Soluble Threshold Limit Concentration (STLC) based on the standard Waste Extraction Test (WET). A waste has the potential of exceeding the STLC when the waste's total metal content is greater than or equal to ten times the respective STLC value since the WET uses a 1:10 dilution ratio. Hence, when a total metal is detected at a concentration greater than or equal to ten times the respective STLC, and assuming that 100 percent of the total metals are soluble, soluble metal analysis is required. A material is classified as RCRA hazardous, or Federal hazardous, when the soluble metal content exceeds the Federal regulatory level based on the Toxicity Characteristic Leaching Procedure (TCLP). State and Federal regulatory levels have also been established for other compounds such as chlorinated pesticides and PCBs.

The above regulatory criteria are based on chemical concentrations. Wastes may also be classified as hazardous based on other criteria such as ignitability and corrosivity; however, for the purposes of this investigation, toxicity (i.e., lead concentrations) is the primary factor considered for waste classification since waste generated during the construction activities would not likely warrant testing for ignitability or other criteria. Waste that is classified as either a California hazardous waste or a RCRA hazardous waste requires management as a hazardous waste. Per Section 25157.8 of the California Health and Safety Code (HSC), on or after January 1, 1999, no person shall dispose waste

that contains total lead in excess of 350 mg/kg to land other than a Class I hazardous waste disposal facility. Per Assembly Bill 414 (California Statutes of 2001, Chapter 861), the HSC threshold does not apply to wastes disposed of pursuant to a variance issued to a state or local agency by the Department of Toxic Substances Control (DTSC) for the disposal of lead contaminated soil.

2.3 Human and Environmental Hazard Screening Levels

Preliminary Remediation Goals (PRGs) are a tool, developed by the US Environmental Protection Agency (USEPA), for evaluating risk to human health at contaminated sites. Environmental Screening Levels (ESLs) are evaluation tools developed by the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) that consider risk to human health and ecological impacts. Contaminant concentrations above a PRG or ESL do not automatically trigger a response action or suggest that a significant risk to human health or the environment exists. Exceeding a PRG or ESL does suggest that further evaluation of the potential risks that may be posed by site contaminants is appropriate. PRGs used for discussion in this report are from the 2004 USEPA Region 9 PRG Table. ESLs used for discussion in this report are from the February 2005 SFRWQCB ESL Tables.

3.0 SCOPE OF SERVICES

The following scope of services was performed:

3.1 Pre-Field Activities

- Prepared the Workplan, dated February 4, 2005, to summarize the scope of services to be performed by Geocon;
- Prepared the Health and Safety Plan, dated February 2005, to provide guidelines on the use of personal protective equipment (PPE) during the field activities. The Health and Safety Plan also provided guidelines on the use of onsite monitoring equipment and action levels for upgrades to higher PPE;
- Retained the services of a California-licensed laboratory (Advanced Technology Laboratories [ATL]) to perform the soil analyses, and two C-57 licensed drillers, Vironex Environmental Field Services and Gregg Drilling and Testing, to perform drilling and soil sampling services;
- Obtained two drilling permits from Alameda County Public Works Agency (ACPWA). One permit was obtained for the borings to be completed with the direct push rig or hand auger for the purpose of soil sample collection. A second permit was obtained for the construction of groundwater monitoring well, MW-1. ACPWA bequeathed the responsibility of grout inspection to Caltrans since a Caltrans representative would be present on site during all boring advancement and well construction activities. The permits are included in Appendix A.

3.2 Field Activities

The field investigation was performed during the months of February and March 2005 by Matt Hanko, Stephanie Smith, and Chris Merritt, under the responsible charge of Richard Day. Messrs. Day and Merritt are Professional Geologists in the State of California. Boring locations were surveyed using Differential Global Positioning System (DGPS) equipment. Boring coordinates are presented in Table 1. Approximate boring locations are depicted on the Site Plans (Figures 2a and 2b).

The following field activities were performed for this investigation:

- Advanced 23 soil borings (borings T1 through T23) in the vicinity of the proposed utility trench and collected soil samples for laboratory analysis;
- Advanced four soil borings (borings S1 through S4) in the vicinity of the proposed mole substation and collected soil samples for laboratory analysis;
- Advanced six soil borings (PGE1 through PGE6) in the vicinity of the existing PG&E substation and collected soil samples for laboratory analysis;
- Constructed one groundwater monitoring well, MW-1, on the north side of SR 80 adjacent to the SFOBB Oakland Touchdown and collected soil and groundwater samples for laboratory analysis.

4.0 INVESTIGATIVE METHODS

4.1 Sampling Procedures

Soil samples were collected from the 'T' series (T1 – T23), 'S' series (S1 – S4), and 'PGE' series (PGE1 – PGE6) borings using either a combination of hand auger and slide hammer or direct push sampling techniques.

At all hand auger boring locations and some direct push boring locations, surface soil samples were collected with a slide hammer equipped with a 2x6-inch sample spoon lined with a stainless steel sleeve. Upon sample collection, the stainless steel sleeve was removed from the sample spoon and each end was covered with Teflon tape and secured with a plastic end cap.

The direct push rig was used to advance the borings and collect a continuous core to the termination of each soil boring. The direct push rig utilized a 1.2-meter (4-foot) Macrocore sample barrel lined with polyethylene tubing. The Macrocore was advanced in 1.2-meter intervals or to the designated termination depth of the boring. The polyethylene tubing was extracted from the Macrocore and was cut in approximate 0.15-meter (6-inch) lengths at the designated sample depth. Each end of the 0.15-meter section of tube, encasing the soil sample, was covered with Teflon tape and secured with plastic end caps.

A hand auger was used to advance soil borings at locations that were not accessible by the direct push rig due to obstructions or buried utilities, or were justified for hand sampling techniques based on the target termination depth of the boring. A slide hammer equipped with a sample spoon was used to collect the soil sample as described above. Once the sample was collected the hand auger was used to advance the boring to the next designated sample depth where upon the slide hammer was used to collect the sample. This process was repeated to the target depth of the borehole or refusal. In some cases, lithologic conditions (e.g., saturated soils) did not allow the recovery of a soil sample in the sample spoon, in which case, the hand auger was advanced into the designated sample interval and the soil sample was collected from the bucket of the hand auger.

The soil samples were labeled and placed in a chilled container for transport to ATL. The soil samples were logged and transported to ATL utilizing standard chain-of-custody documentation.

Completed hand auger borings were backfilled to surface grade with soil cuttings and direct push borings were backfilled to surface grade with Portland cement.

Geocon provided quality assurance/quality control (QA/QC) procedures during the field activities. These procedures included washing the sampling equipment with a Liquinox™ solution followed by a double rinse with deionized water.

Decontamination water was disposed to the ground surface within Caltrans right-of-way in a manner not to create runoff into drain inlets or surface water bodies.

4.2 Groundwater Monitoring Well Construction, Development, and Sampling Procedures

Groundwater monitoring well MW-1 was completed on March 3, 2005 and is located in the service road located on the north side of SR 80 contiguous to the touchdown of the SFOBB, as depicted on Figure 3. The boring for groundwater monitoring well MW-1 was completed with a dual use drilling/sampling rig, Gregg Drilling's Rhino rig. The Rhino has direct push and hollow stem auger capabilities. Boring MW-1 was initially advanced by direct push for the purpose of collecting soil samples and the borehole was completed with the hollow stem auger to allow for the construction of the well. The lithology for boring MW-1 was logged and the log is included as Appendix B.

The well was constructed inside a 0.2-meter (8-inch) diameter borehole to a total depth of 4.5 meters (15 feet) bgs. The well was constructed using a 0.05-meter (2-inch) diameter by 3-meter (10-foot) length of 0.25-millimeter (0.01-inch) slotted schedule 40 PVC screened casing fitted with a threaded end cap and set at the termination of the borehole (1.5 to 4.5 meters / 5 to 15 feet). The well casing was completed to within 0.08 meter (3 inches) of surface grade with solid schedule 40 PVC casing. The filter pack consists of a No. 2/16 sand extending 0.46 meter (1.5 feet) above the screen interval. The 0.45-meter (1.5-foot) annular seal was placed on top of the filter pack and consisted of hydrated bentonite pellets. The remaining annular space was filled to within 0.08 meter (3 inches) of the top of casing with concrete. A traffic rated vault box was placed concreted in place flush with grade around the casing and the top of casing was completed with a locking expansion plug.

Well MW-1 was developed on March 11, 2005. The development consisted of surging the well in the screened interval at 0.6-meter (2-foot) intervals from the bottom to the top of the screen. After surging was complete the well was purged of 15 casing volumes using a centrifugal pump with the intake placed at the bottom of the well casing.

The well was sampled at low and high tide on March 14, 2005 (First Quarter) at 1028 hours and 1544 hours, respectively; and on June 17, 2005 (Second Quarter) at 1426 and 0954 hours, respectively. The well was surveyed by Caltrans for top of casing elevation relative to NGVD 29. The top of casing elevation is 2.776 meters. Prior to sampling, the well was sounded to determine the depth to water. The groundwater elevation difference between high and low tide for each sample event was 0.027 meter (1 inch). The depth to water and groundwater elevation for each sample event are summarized in Table 2. Once the sounding was completed, the well was purged of three casing volumes of water using dedicated tubing equipped with a Waterri valve (foot valve) at the bottom of the tubing. The samples were collected by decanting groundwater through the dedicated tubing and into the appropriate laboratory supplied containers. The groundwater samples were labeled and placed in a chilled container

for transport to ATL. The groundwater samples were logged and transported to ATL utilizing standard chain-of-custody documentation. Two additional quarters of sampling at low and high tide are scheduled to evaluate the variability in contaminant concentrations. The groundwater monitoring well development and sampling sheets are included in Appendix B.

4.3 Laboratory Analyses

Soil samples were analyzed for one or a combination of the following:

- Total lead using EPA Test Method 6010;
- CAM 17 metals using EPA Test Method 6010/7421;
- TPHd and TPHmo using EPA Test Method 8015M;
- TPHg using EPA Test Method 8015M;
- PCBs using EPA Test Method 8082;
- Chlorinated pesticides using EPA Test Method 8081A;
- Aromatic halogenated volatile organic compounds (AHVOCs) using EPA Test Method 8260;
- Soluble metals by the California Waste Extraction Test (WET) analysis following EPA Test Method 6010;
- Soluble metals by the Federal Toxicity Characteristic Leaching Procedure (TCLP) following EPA Test Method 1311.

Groundwater samples were analyzed for each of the following constituents:

- CAM 17 metals using EPA Test Method 6010/7421;
- TPHg and TPHd using EPA Test Method 8015M;
- Oil and grease using EPA Test Method 1664 using the hexane extraction material (HEM);
- Total recoverable petroleum hydrocarbons (TRPH) using EPA Test Method 1664 using the silica gel treatment (SGT) combined with (HEM);
- VOCs using EPA Test Method 8260B;
- SVOCs using EPA Test Method 8270C;
- Total organic carbon (TOC) using EPA Test Method 415.1;
- Total dissolved solids (TDS) using EPA Test Method 160.1;
- Dissolved sulfide using EPA Test Method 9034/376.1.

4.4 Laboratory QA/QC

QA/QC procedures were performed for each method of analysis with specificity for each analyte listed in the test method's QA/QC. The laboratory QA/QC procedures included the following:

- One method blank for every ten samples, batch of samples or type of matrix, whichever was more frequent;
- One sample analyzed in duplicate for every ten samples, batch of samples or type of matrix, whichever was more frequent;
- One spiked sample for every ten samples, batch of samples or type of matrix, whichever was more frequent, with spike made at ten times the detection limit or at the analyte level.

5.0 INVESTIGATIVE RESULTS

5.1 Site Geology and Hydrogeology

The area that encompasses the project site is a man-made peninsula designed to support the east touchdown for the SFOBB. A variety of fill material was used to construct the touchdown land mass. Soil encountered during the field activities generally consisted of gravelly sandy silts to the maximum depth of exploration, approximately 4.5 meters (15 feet) bgs. In the vicinity of the PG&E substation, refusal was commonly encountered at approximately 2.5 meters (8 feet) bgs due to what was assumed to be large boulders. Groundwater was generally encountered at depths ranging from 0.6 meter (2 feet) to 1.5 meters (5 feet) bgs.

5.2 Soil Analytical Results for Organics

A summary of the soil analytical laboratory test results for organic compounds is presented in Table 3. The laboratory analytical data sheets and chain-of-custody forms are included in Appendix C.

5.2.1 Petroleum Hydrocarbons and AHVOCs

The laboratory analytical data indicated that TPHg was not detected in any of the soil samples analyzed. The laboratory analytical data indicated that TPHd was detected in all but ten of the samples analyzed at concentrations that range from 1.3 mg/kg to 630 mg/kg, and TPHmo was detected in all but four samples at concentrations that range from 1.1 mg/kg to 2,100 mg/kg. No AHVOCs were detected above the laboratory-reporting limit in the soil samples analyzed.

5.2.2 Chlorinated Pesticides

The laboratory analytical data indicated that several pesticides were detected in a little less than half the samples analyzed. The chlorinated pesticides detected included the following:

- 4,4'-DDT and its derivatives 4,4'-DDD and 4,4'-DDE at combined total concentrations ranging from 2.1 ug/kg to 361 ug/kg;
- Dieldrin at concentrations of 4.3 ug/kg and 5.2 ug/kg;
- Chlordane (including alpha-chlordane and gamma-chlordane) at combined total concentrations ranging from 67.7 ug/kg to 849 ug/kg.

5.2.3 PCBs

The laboratory analytical data indicated that PCBs were detected in approximately one-third of the samples analyzed. The Aroclors 1254, 1260, and 1262 were detected at combined total concentrations ranging from 26 ug/kg to 340 ug/kg.

5.3 Soil Analytical Results for CAM-17 Metals

The soil analytical laboratory test results for lead are summarized in Table 4. Several soil samples were re-run for total and soluble (WET) lead, as the initial soluble results implied that homogeneity was not achieved (i.e. the soluble result was greater than ten times the total lead result). Results from both runs are listed in Table 4; results from the second run were used for all analyses. The soil analytical laboratory test results for the CAM 17 metals results are summarized in Table 5.

5.3.1 Statistical Evaluation for Lead Detected in Soil Samples

The non-parametric standard bootstrap method was applied to the total lead data to evaluate the upper confidence limits (UCLs) of the true mean of the total lead concentrations for soil at the project site. The statistical methods used are discussed in a book entitled *Statistical Methods for Environmental Pollution Monitoring,* by Richard Gilbert; in an EPA *Technology Support Center Issue* document entitled, *The Lognormal Distribution in Environmental Applications,* by Ashok Singh et. al., dated December 1997; and in a book entitled *An Introduction to the Bootstrap,* by Bradley Efron and Robert J. Tibshirani.

The 90% and 95% UCLs of the true mean are defined as the values that, when calculated repeatedly for randomly drawn subsets of site data, equal or exceed the true mean 90% and 95% of the time, respectively. Statistical confidence limits are the classical tool for addressing uncertainties of a distribution mean. The UCLs of the true mean concentration are used as the mean concentrations because it is not possible to know the true mean due to the essentially infinite number of soil samples that could be collected from the site. The UCLs therefore account for uncertainties due to limited sampling data. As data become less limited at a site, uncertainties decrease and the UCLs move closer to the true mean.

UCLs were calculated using the non-parametric bootstrap method with 2,000 iterations. If lead was non-detect, a value equal to one-half the laboratory-reporting limit was used in the UCL calculation. For some sampling intervals (S-borings at 10 and 15 bgs), there were too few observations to determine UCLs. At these locations, the maximum observed concentration was assumed to be representative. Calculated UCLs, and representative concentrations, are presented below:

PG&E Substation – Borings PGE1 through PGE6

Sample Interval	90% UCL (mg/kg)	95% UCL (mg/kg)
0 to 0.15 meter (0 to 0.5 ft)	80	89
1.5 to 1.7 meter (5 to 5.5 ft)	80	86
3.0 to 3.2 meter (10 to 10.5 ft)	67	73
4.5 to 4.7 meter (15 to 15.5 ft)	68	76

Mole Substation – Borings S1 through S4

Sample Interval	90% UCL or Representative Concentration (mg/kg)	95% UCL or Representative Concentration (mg/kg)
0 to 0.15 meter (0 to 0.5 ft)	386	430
0.5 to 0.6 meter (1.5 to 2.0 ft)	676	712
1.0 to 1.15 meter (3 to 3.5 ft)	164	182
1.5 to 1.7 meter (5 to 5.5 ft)	25	28
2.0 to 2.15 meter (6.5 to 7 ft)	7.6	8.2
3 to 3.15 meter (10 to 10.5 ft)*	30	30
4.5 to 4.7 meter (15 to 15.5 ft)*	16	16

*Maximum concentration observed taken as Representative Concentration used.

Utility Trench – Borings T2 through T22

Sample Interval	90% UCL (mg/kg)	95% UCL (mg/kg)
0 to 0.15 meter (0 to 0.5 ft)	1089	1172
0.5 to 0.6 meter (1.5 to 2.0 ft)	300	332
1.0 to 1.15 meter (3 to 3.5 ft)	22	23
1.5 to 1.7 meter (5 to 5.5 ft)	86	95

The details of the statistical results are included as Appendix D.

5.3.2 Correlation of Total and Soluble Lead

Total and corresponding soluble (WET) lead concentrations are bivariate data with a linear structure. This linear structure should allow for the prediction of soluble lead (WET) concentrations based on the representative concentrations presented above in Section 5.3.1.

To estimate the degree of interrelation between total and corresponding soluble (WET) lead values (x and y, respectively), the correlation coefficient [r] is used. The correlation coefficient is a ratio that ranges from +1 to –1. A correlation coefficient of +1 indicates a perfect direct relationship between two variables; a correlation coefficient of -1 indicates that one variable changes inversely with relation to the other. Between the two extremes is a spectrum of less-than-perfect relationships, including zero, which indicates the lack of any sort of linear relationship at all.

Separate correlation coefficients were calculated for the utility trench, PG&E substation, and the mole substation. Each data point represents the soil samples analyzed for both total lead [x] and soluble [WET] lead [y].

A correlation coefficient greater than or equal to 0.8 is an acceptable indicator that a correlation exists. The correlation coefficient for the trench borings was 0.852. Data from borings T14-0, 16-0.5, T17-0, T19-0, and T19-0.5 were considered to be outliers and were omitted from the regression analysis due to

high total and low soluble (WET) lead concentrations. The correlation coefficient for the PG&E substation borings was 0.839. The correlation coefficient for the proposed Mole Substation borings was 0.879. Data from boring S3-0.5 was omitted from the regression analysis due to a soluble (WET) lead concentration that is not theoretically possible. Regression analysis results and a scatter plot depicting the data points for each location along with the regression line are included as a portion of Appendix D.

Since the correlation coefficient indicates that a linear relationship exists between total and soluble (WET) lead concentrations at these locations, it is possible to compute the line of dependence, or a best-fit line between the two variables. A least squares method was used to find the equation of a best-fit line (regression line) by forcing the y-intercept equal to zero since that is a known point. The equation of the regression lines were determined to be $y = 0.0447(x)$ for the trench borings, $y = 0.10x$ for the PG&E Substation borings, and $y = 0.071(x)$ for the proposed Mole Substation borings, where x represents total lead concentrations and y represents predicted soluble (WET) lead concentrations.

These equations were used to estimate the expected soluble (WET) lead concentrations for the representative concentrations presented in Section 5.3.1. In addition, the expected soluble lead concentrations are shown next to the representative concentrations in Tables 8a through 8c.

5.3.3 Metals Other Than Lead

The laboratory analytical data indicated that only three samples contained metals, other than lead, with total concentrations exceeding ten times their respective STLC values. Chromium was detected in samples T16-0.5 and T18-0 at 210 mg/kg and 140 mg/kg, respectively; soluble (WET) chromium was reported at 1.2 mg/l for T18-0, below its STLC value of 5.0 mg/l. As the T16-0.5 sample contained lead at a hazardous level, further metal analysis was deemed not necessary. Mercury exceeded ten times its STLC in the sample collected from boring PGE3 at 1.5 meters (5 feet) bgs. The corresponding soluble (WET) data was 7.1 ug/l and was less than the STLC value of 0.2 mg/l for mercury.

5.4 Groundwater Analytical Results

Two quarterly sampling events were performed in March and June of 2005. A summary of the analytical laboratory test results for metals in groundwater is presented in Table 6. Table 7 presents a summary of the analytical laboratory test results for organic constituents. The groundwater analytical data sheets and chain-of-custody records are included as Appendix C.

5.4.1 First Quarter sampling—March 2005

The laboratory results from the first quarter sampling event indicated the following:

- Barium was detected in samples collected at low and high tide, at concentrations of 0.047 mg/l and 0.180 mg/l, respectively;
- Chromium was detected in the sample collected at high tide at a concentration of 0.10 mg/l;
- Nickel was detected in the sample collected at high tide at a concentration of 0.080 mg/l;
- Vanadium was detected in samples collected at low and high tide, at concentrations of 0.020-mg/l and 0.076 mg/l, respectively;
- Zinc was detected in the sample collected at high tide at a concentration of 0.078 mg/l;
- TPHd was detected in the sample collected at high tide at a concentration 0.054 mg/l;
- Total Sulfide was detected in the samples collected at low and high tide at concentrations of 0.084 mg/l and 0.17 mg/l, respectively;
- The TOC in the samples collected at low and high tide was 5.8 mg/l and 5.6 mg/l, respectively;
- The TDS in the samples collected at low and high tide was 1,200 mg/l and 900 mg/l, respectively.

5.4.2 Second Quarter sampling—June 2005

The laboratory results from the first quarter sampling event indicated the following:

- Barium was detected in samples collected at low and high tide, at concentrations of 0.087 mg/l and 0.065 mg/l, respectively;
- Chromium was detected in samples collected at low and high tide, at concentrations of 0.068 mg/l and 0.050 mg/l, respectively;
- Nickel was detected in the sample collected at low tide at a concentration of 0.061 mg/l;
- Vanadium was detected at in samples collected at low and high tide, at concentrations of 0.044 mg/l and 0.033 mg/l, respectively;
- TPHg was detected in the sample collected at low tide at a concentration 0.15 mg/l;
- TPHd was detected in samples collected at low and high tide, at concentrations of 0.074 mg/l and 0.053 mg/l, respectively;
- Total Sulfide was detected in samples collected at low and high tide at concentrations of 0.41 mg/l and 0.43 mg/l, respectively;
- The total organic carbon in the samples collected at low and high tide was 12 mg/l and 9.6 mg/l, respectively;
- The TDS in the samples collected at low and high tide was 420 mg/l and 410 mg/l, respectively.

6.0 CONCLUSIONS

Presented below are conclusions with regard to waste classification and potential reuse for soil excavated within the vicinity of the utility trench and mole substation, a comparison of contaminants detected in groundwater to ESLs for estuariane habitats, and a preliminary assessment of human health and safety for workers handling the onsite soil and groundwater materials. In addition, the potential environmental concerns associated with the PG&E substation are identified.

6.1 Waste Characterization

Lead is the primary COC at the Site and was used to determine waste classification of the soil. Summarized below are the statistical analysis for lead concentrations in soil and the waste classification for soil generated from different excavation scenarios. The waste classifications are evaluated based on a 90% UCL of the lead content in the waste for the relevant depths; this has historically been considered sufficient to satisfy a good faith effort by the EPA as discussed in SW-846. The risk-assessment characterization is based on a 95% UCL of the lead content in the waste for the relevant depths; this is in accordance with the Risk Assessment Guidance for Superfund (RAGS) Volume 1 documentation for Exposure Assessment.

At depths where lead concentrations did not classify the soil as a California hazardous waste, no other COCs were detected at concentrations that would classify the soil as a hazardous waste. However, restrictions for reuse or disposal may be applicable based on detected COC concentrations at those depths. Thus, the soil that is not classified as a California hazardous waste based on lead content is characterized for potential offsite reuse or disposal based on all COC relative to the PRGs and ESLs. The PRGs and ESLs each were considered for residential soil and industrial/commercial soil scenarios. The most restrictive ESL table was used for this characterization: *Table A – Shallow Soil (<3 meter bgs) – Water is a Current or Potential Source of Drinking Water*. The respective PRGs and ESLs are listed at the end of Table 3, Table 4, and Table 5. The respective TTLC and STLC values are also listed on the tables for comparative purposes.

6.1.1 Mole Substation – Borings S1 through S4

Excavation Scenario	**Waste Characterization**		**Risk-Based Assessment**
	90% UCL (mg/kg)	**Predicted WET Lead (mg/l)**	**95% UCL (mg/kg)**
Surface to 0.45 meter (0 to 1.5 ft)	386	27.6	430
Underlying soil (0.45 to4.7 meter)	*112*	*8.0*	*119*
Surface to 0.9 meter (0 to 3 ft)	531	38.0	571
Underlying soil (0.9 to 4.6 meter) (3 to 15 feet)	*44*	*3.1*	*47*

Based on the preceding table, waste soil generated at the mole substation from ground surface to 0.9 meter (3 feet) in depth will be classified as a California hazardous waste since the predicted soluble (WET) lead concentrations corresponding to the average total concentrations are greater than the STLC value of 5 mg/l. Soil generated for offsite disposal from excavations to 0.9 meter (3 foot) must be disposed at a Class 1 facility. Underlying soil (0.9 to 4.6 meters) is not considered a hazardous waste based on lead concentrations and further characterization of the underlying soil based on the other COCs relevant to the PRGs and ESLs is discussed below.

The COCs detected in soil samples from the mole substation collected at depths below 0.9 meter (3 feet) to 4.6 meters (15 feet) included TPHmo, TPHd, and various metals. Reported concentrations of TPHmo, TPHd and the various detected metals were below the PRGs and ESLs for residential and industrial soil scenarios. Based on the COCs concentrations reported below the aforementioned regulatory values, soil excavated in the vicinity of the mole substation from 0.9 meter (3 feet) to 4.6 meters (15 feet) could likely be reused/disposed offsite with no restrictions.

6.1.2 Utility Trench Borings – Borings T2 through T22

Excavation Scenario	Waste Characterization		Risk-Based Assessment
	90% UCL (mg/kg)	Predicted WET Lead (mg/l)	95% UCL (mg/kg)
Surface to 0.45 meter (0 to 1.5 ft)	1089	48.7	1172
Underlying soil (0.45 to1.65 meter)	*134*	*6.0*	*148*
Surface to 0.9 meter (0 to 3 ft)	695	31	752
Underlying soil (0.9 to 1.65 meter)	35	1.6	37

Based on the above table, waste soil generated from ground surface to 0.9 meter (3 feet) in depth will be classified as a California hazardous waste since the predicted soluble (WET) lead concentrations are greater than the STLC value of 5 mg/l. Soil generated for offsite disposal from surface to 0.9 meter (3 feet) must be disposed at a Class 1 facility. Based on the average soluble (TCLP) results, as a whole, excavated soil would not be classified as RCRA hazardous (see Appendix D).

The COCs analyzed for in soil samples collected below 0.9 meter (3 feet) included AHVOCs, metals, and TPHg to a maximum explored depth of 2 meters (6.5 feet) bgs. The COCs detected in soil samples from the utility trench collected at depths below 0.9 meter (3 feet) included various metals. Arsenic was detected in one sample collected from T22 at 1.65 meters (5 feet) bgs at 2.3 mg/kg, exceeding its PRG for residential (0.062 mg/kg) and industrial (0.25 mg/kg) soil. However, as noted in EPA's PRG users' guide, the average background concentration of arsenic in soil samples collected in California is greater than the established PRG. Lead was detected (300 mg/kg and 400 mg/kg) in two borings (T19 and T20) from samples collected at 1.65 meters (5 feet) bgs, exceeding its PRG and ESL for residential

soil. However, the average lead concentration from samples collected at that depth is less than the PRG and ESL for residential soil.

6.1.3 Utility Trench Boring T1

Boring T1 was anomalous from the adjacent utility trench borings based on lead concentrations detected from the surface and 1.65 meters (5 feet) bgs (i.e., lead concentrations increased with depth at this location; at all other utility trench boring locations, the concentrations decreased with depth); therefore, boring T1 was treated independently. Based on the lead sample results from boring T1, excavated soil from the surface to 1.65 meters (5 feet) bgs may be considered a California hazardous waste based on the TTLC and STLC results for lead.

The maximum explored depth in boring T1 was to 2 meters (6.5 feet) bgs and the only COC analyzed for at that depth was AHVOCs. No AHVOCs were detected. Based on the AHVOC data the soil below 1.65 meters (5 feet) bgs is not considered a hazardous waste.

6.1.4 Utility Trench Boring T23

Boring T23 was located under the highway structure. Due to the lack of proximity of boring T23 to the other trench borings, it was assumed that material from excavations in the vicinity of boring T23 would not be mixed with material excavated from the rest of the utility trench. Based on the isolation of the portion of the trench represented by boring T23, the analytical data was characterized independent of data for other utility trench borings. Waste soil generated from excavations in the vicinity of boring T23 from surface to 1.65 meters (5 feet) at this location will be classified as a California hazardous waste since the soluble (WET) lead concentrations are greater than the STLC value of 5 mg/l (see Table 4 for sample-specific soluble (WET) values). The maximum explored depth of exploration in boring T23 was 1.65 meters (5 feet) bgs.

Soil generated for offsite disposal from excavations in the vicinity of boring T23 from surface to 1.65 meter (5 feet) must be disposed at a Class 1 facility. There is no potential reuse or alternate disposal options for soil generated for off-haul from the vicinity of boring T23.

6.2 Groundwater

Groundwater analytical results were compared with the ESLs *Table F. Environmental Screening Levels Surface Water Bodies* for Estuarine Habitats to evaluate then concentrations of the COC that might be discharged to the San Francisco Bay during dewatering efforts. The respective ESLs are listed on the groundwater analytical result tables for metals, Table 6 and organics, Table 7. ESLs are considered to be conservative and under most circumstances, concentrations below ESLs can be assumed to not pose a significant threat to human health and the environment. Concentrations above an ESL do not automatically require remediation.

The groundwater samples were analyzed for metals, orgainics, and water quality. The detection limits for many of the metals are greater than the respective ESL, including: antimony, arsenic, beryllium, cadmium, cobalt, copper, lead, silver, thallium, and mercury. For those metals that have detection limits greater than the ESL with no detectable metals, Geocon cannot evaluate discharge for those metals.

Metals detected above the laboratory reporting limits include barium, chromium, nickel, and vanadium. Of the detected analytes, chromium and nickel exceed their respective ESLs in both the high and low tide samples for each sample event. Based on the chromium and nickel concentrations exceeding the ESLs, it is likely that further assessment of groundwater prior to discharge to the storm sewer system or directly to the San Francisco Bay may be necessary.

6.3 Risk to Onsite Human Health

Based on current and proposed construction activities at the subject site, it is appropriate to compare the soil sample results to the PRGs for industrial soil. PRGs are used to estimate contaminant concentrations in environmental media (soil, air, and water) that are protective of human health, including sensitive groups, over a lifetime. Concentrations above a PRG do not automatically trigger a response action or suggest that a significant risk to human health exists. Exceeding a PRG does suggest that further evaluation of the potential risks that may be posed by site contaminants is appropriate.

Lead had reported concentrations greater than its PRG. The highest lead UCL of 1,172 mg/kg (utility trench borings T2 – T22) is greater than industrial PRG of 800 mg/kg for lead in soil. Therefore, it is concluded that lead-impacted soil in the area of the utility trench (specifically borings T1, T9, and T15 through T20) may pose a risk to the health of workers performing the construction activities.

The contractor awarded the contract to complete the tasks associated with the construction of the utility trench, the new SFOBB electrical substation, and dewatering of excavations should prepare a site specific health and safety plan to address the potential hazardous of contaminants in soil and groundwater.

6.4 Preliminary Soil Screening at PG&E Substation

Soil samples were collected in the vicinity of the existing PG&E Substation to assist Caltrans in evaluating acquisition of this property. The following presents the laboratory analytical data and comparisons to typical waste classifications and ESLs to determine if environmental concerns exist at the property.

Soil samples were collected from surface to 4.7 meters (15.5 feet) bgs and analyzed for lead. The following presents a statistical analysis of the total lead concentrations and predicted soluble (WET) lead concentrations.

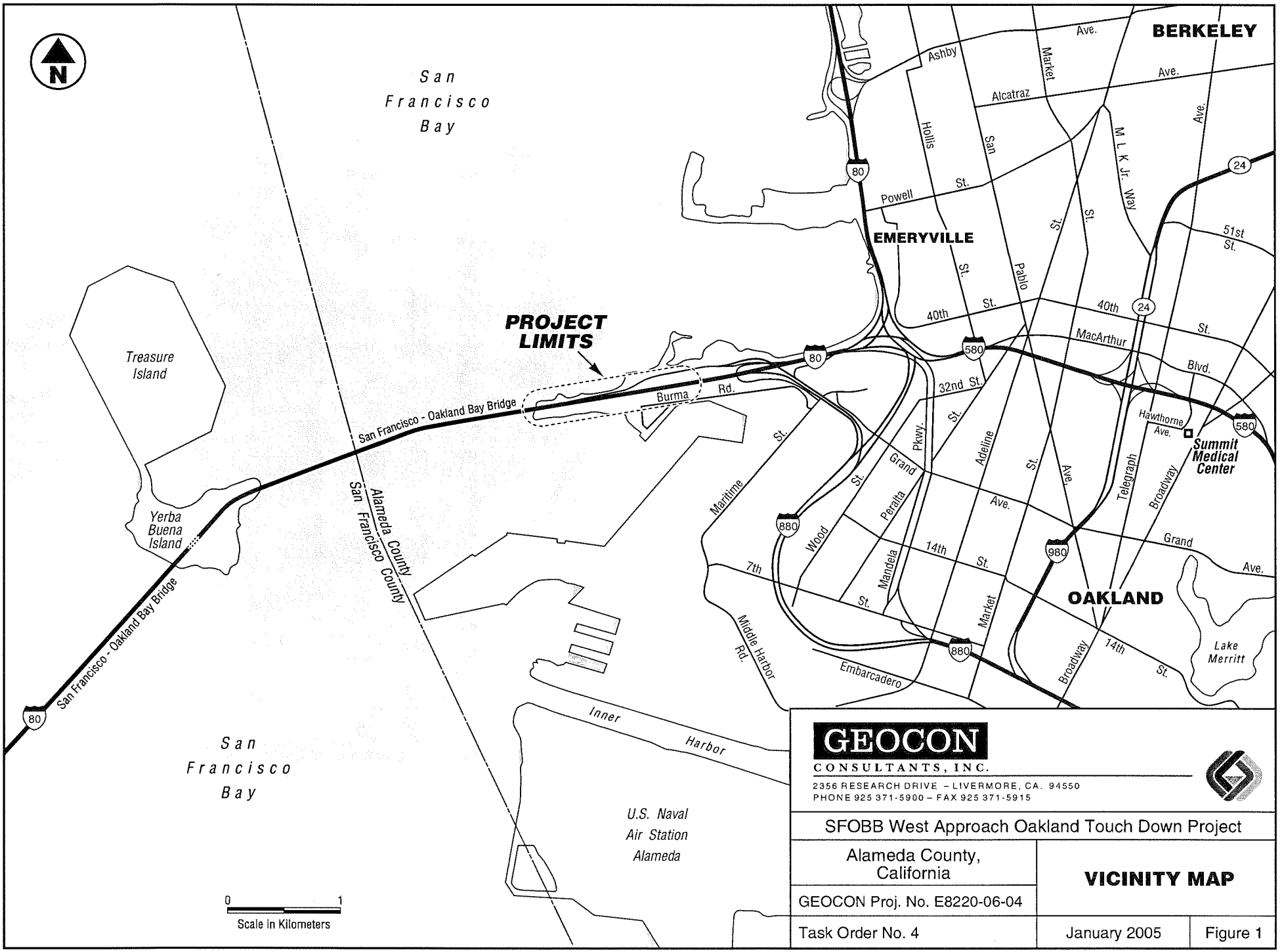
Excavation Scenario	Waste Characterization	
	90% UCL (mg/kg)	**Predicted WET Lead (mg/l)**
Surface to 1.5 meter (0 to 5 ft)	80	8.1
Underlying soil (1.5 to 4.7 meter)	*73*	*7.4*
Surface to 3 meter (0 to 10 ft)	80	8.1
Underlying soil (3 to 4.7 meter)	67	6.8
Surface to 4.6 meter (0 to 15 ft)	76	7.6
Underlying soil (4.6 to 4.7 meter)	*68*	*6.9*
Surface to 4.7 meter (0 to 15.5 ft)	75	7.6

The predicted soluble (WET) lead concentrations are greater than the STLC value of 5 mg/l. Waste soil generated from excavations at this location would likely be classified as a California hazardous waste. No other CAM 17 metals exceeded the respective TTLC or STLC value.

TPHd and TPHmo were detected in the soil on this property. Of the six borings advanced on the property, one soil sample collected from PGE3 at 1.5 meters (5 feet) bgs has detectable concentrations of TPHmo above the ESL for industrial soil at a concentration of 1,400 mg/kg. No other detected petroleum hydrocarbons exceeded the respective ESLs in any other samples.

Organochlorine pesticides were detected in soil samples collected at the PG&E substation. Dieldrin exceeded the respective ESL value for industrial soil, at concentrations of 4.3 ug/kg and 5.2 ug/kg. PCBs were detected in soil samples collected at the PG&E substation and none exceeded the ESL for industrial soil (740 ug/kg).

Potential environmental concerns exist at the PG&E property based on the concentrations of lead, TPHmo, and dieldrin.



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SFOBB West Approach Oakland Touch Down Project

Alameda County, California

GEOCON Proj. No. E8220-06-04

Task Order No. 4

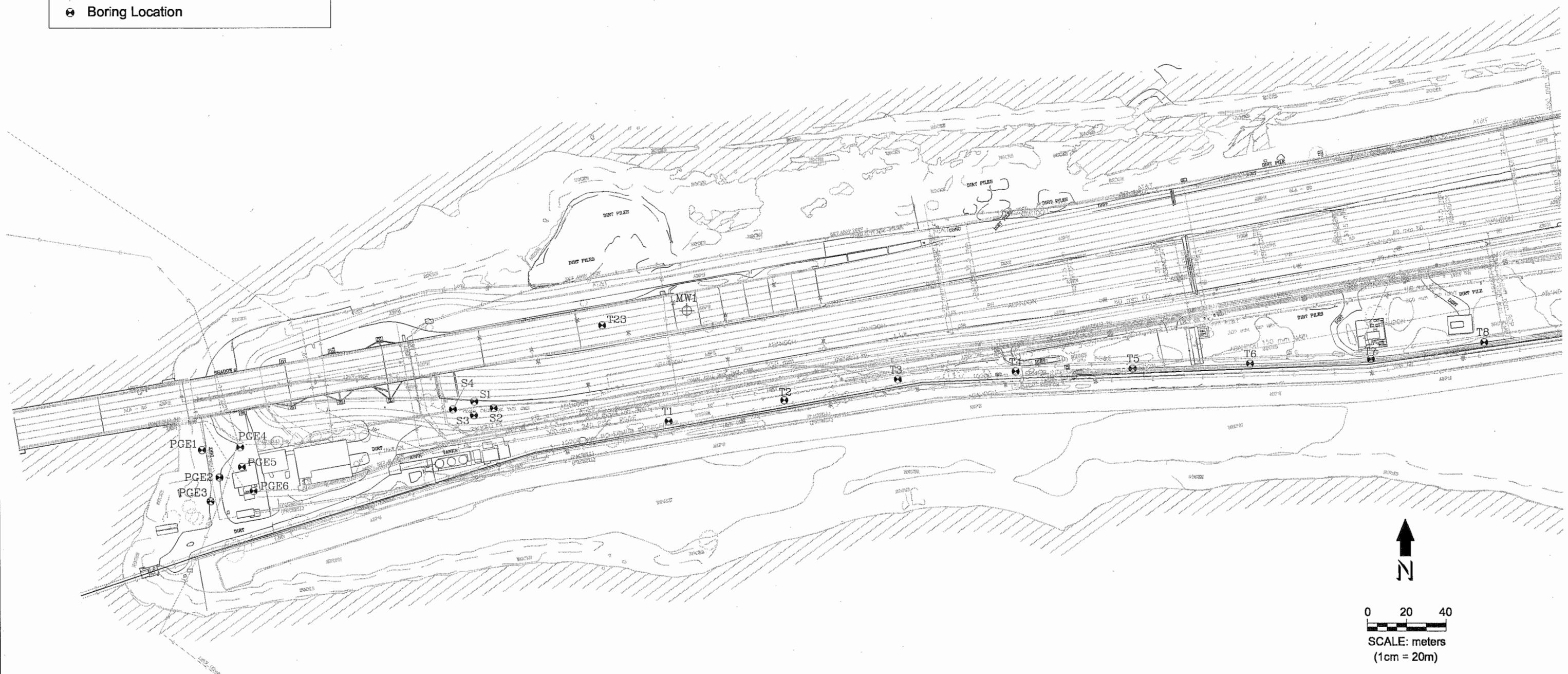
VICINITY MAP

January 2005

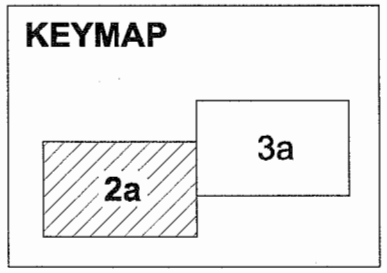
Figure 1

LEGEND:

- Groundwater Monitoring Well Location
- Boring Location



KEYMAP



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SFOBB East Approach Oakland Touchdown Project

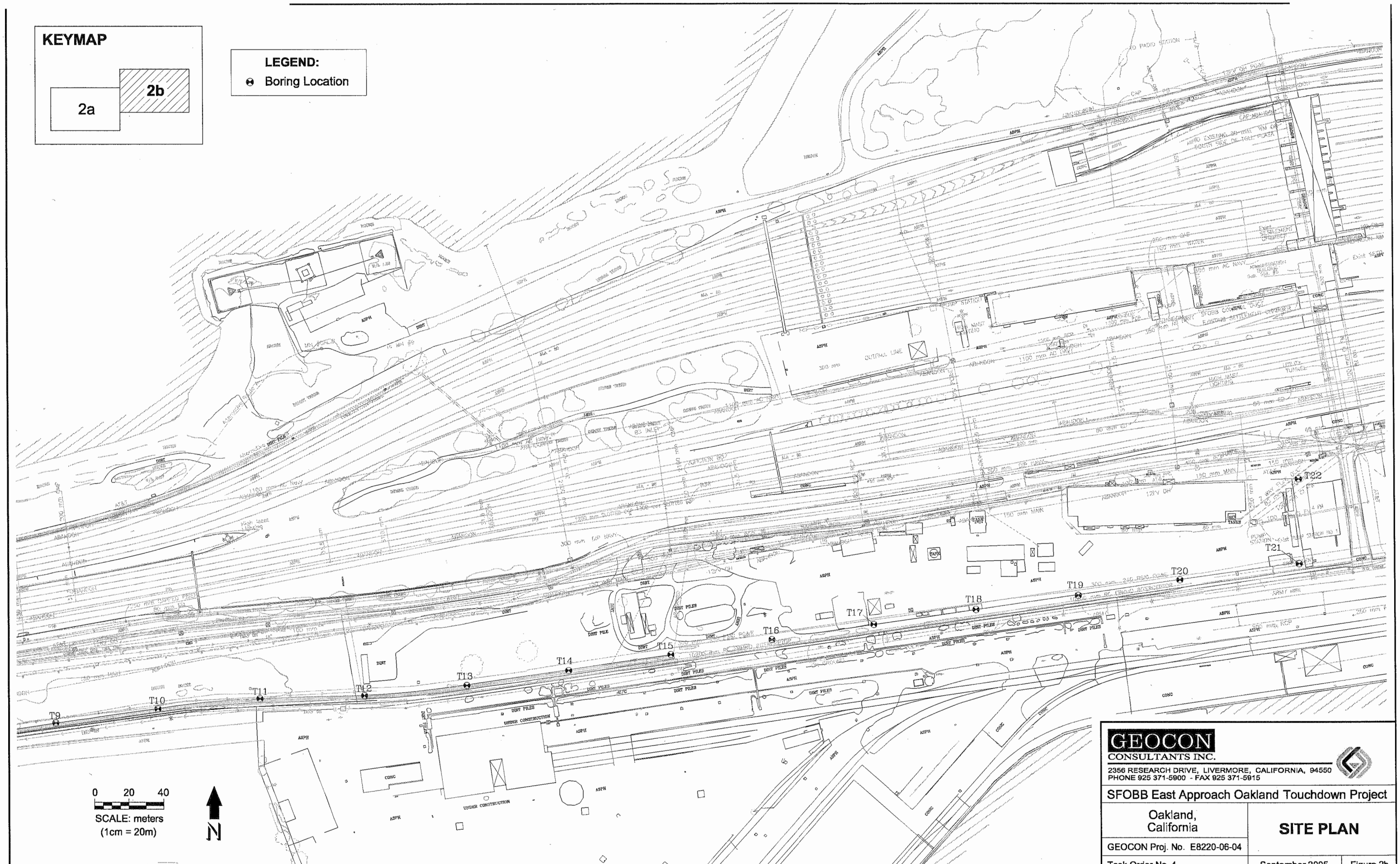
Oakland, California

SITE PLAN

GEOCON Proj. No. E8220-06-04

Task Order No. 4 | September 2005 | Figure 2a

SITE0105



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SFOBB East Approach Oakland Touchdown Project

Oakland, California

SITE PLAN

GEOCON Proj. No. E8220-06-04

Task Order No. 4 | September 2005 | Figure 2b

SITE0105

TABLE 1
Boring Coordinates
SFOBB East Approach
Oakland Touchdown Project

Boring ID	Northing	Easting
MW1	648,270.7022	1,839,131.5654
PGE1	648,186.3801	1,838,881.6651
PGE2	648,172.3248	1,838,890.5329
PGE3	648,160.0650	1,838,885.9063
PGE4	648,187.8656	1,838,901.1745
PGE5	648,177.6792	1,838,902.0227
PGE6	648,165.3705	1,838,907.9603
S1	648,211.2439	1,839,021.1738
S2	648,207.7750	1,839,031.1271
S3	648,204.0748	1,839,021.0095
S4	648,207.1894	1,839,010.2012
T1	648,202.5880	1,839,120.5452
T2	648,213.2685	1,839,179.9435
T3	648,223.7851	1,839,238.6308
T4	648,227.1455	1,839,299.0714
T5	648,229.6689	1,839,358.9906
T6	648,232.0560	1,839,419.0772
T7	648,233.9964	1,839,480.8111
T8	648,241.0227	1,839,538.8442
T9	648,250.8410	1,839,596.2193
T10	648,259.6801	1,839,657.4770
T11	648,265.2127	1,839,716.5143
T12	648,267.7765	1,839,778.0716
T13	648,273.4733	1,839,896.4317
T14	648,281.6077	1,839,896.4317
T15	648,290.6946	1,839,955.7210
T16	648,299.2564	1,840,015.6115
T17	648,307.5533	1,840,073.9452
T18	648,316.6917	1,840,134.4504
T19	648,325.3997	1,840,193.8003
T20	648,334.1383	1,840,253.1274
T21	648,343.4276	1,840,314.2020
T22	648,392.1242	1,840,321.9298
T23	648,250.2844	1,839,086.7498

Coordinates are shown in meters
The coordinates are based on CCS-27, zone 3

TABLE 2
Groundwater Elevation Data
SFOBB East Approach
Oakland Touchdown Project

Well ID	Date	TOC Elevation (meters)	Depth to Groundwater (meters)	Groundwater Elevation (meters)
MW-1 (low tide)	14-Mar-05	2.776	2.276	0.500
MW-1 (high tide	14-Mar-05	2.776	2.249	0.527
MW-1 (low tide)	17-Jun-05	2.776	2.453	0.323
MW-1 (high tide)	17-Jun-05	2.776	2.426	0.350

Elevation is relative to NGVD 29

TABLE 3
Laboratory Analytical Results - Organics in Soil
SFOBB East Approach
Oakland Touchdown Project

Sample I.D.	Sample Depth (m)	Sample Depth (ft)	TPHd (mg/kg)	TPHmo (mg/kg)	TPHg (mg/kg)	Pesticides (ug/kg)	PCBs (ug/kg)	AHVOCs (ug/kg)
PGE1-0	0	0	8.2	18	---	4,4'-DDT=3.9 Dieldrin=4.3	Aroclor1260=39	---
PGE1-1.5	1.65	5	62	160	<1.0	4,4'-DDT=4.5 Dieldrin=5.2	ND	ND
PGE1-3	3	10	12	37	<1.0	ND	ND	ND
PGE1-4.5	4.6	15	**150**	350	<1.0	---	---	ND
PGE2-0	0	0	**170**	270	---	ND	ND	---
PGE2-1.5	1.65	5	19	63	<1.0	ND	ND	ND
PGE2-3	3	10	1.4	2.8	<1.0	ND	ND	ND
PGE2-4.5	4.6	15	2.3	4.0	<1.0	---	---	ND
PGE3-0	0	0	14	41	---	ND	Aroclor1254=20	---
PGE3-1.5	1.65	5.0	**370**	**1,400**	<1.0	ND	ND	ND
PGE3-3	3	10	<1.0	1.8	<1.0	ND	ND	ND
PGE3-4.5	4.6	15	<1.0	1.1	<1.0	---	---	ND
PGE4-0	0	0	11	33		ND	ND	---
PGE4-1.5	1.65	5.0	**210**	**540**	<1.0	4,4'-DDT=46	**Aroclor 1254=230** Aroclor 1260=110	ND
PGE4-4.5	4.6	15	24	60	<1.0	4,4'-DDD=4.3 4,4'-DDT=3.8	Aroclor 1254=45 Aroclor 1260=26	ND

TABLE 3
Laboratory Analytical Results - Organics in Soil
SFOBB East Approach
Oakland Touchdown Project

Sample I.D.	Sample Depth (m)	Sample Depth (ft)	TPHd (mg/kg)	TPHmo (mg/kg)	TPHg (mg/kg)	Pesticides (ug/kg)	PCBs (ug/kg)	AHVOCs (ug/kg)
PGE5-0	0	0	**130**	220	---	4,4-DDT=6.2	Aroclor 1254=59 Aroclor 160=54	---
PGE5-1.5	1.65	5	50	82	<1.0	4,4-DDT=2.1	Aroclor 1260=19	ND
PGE5-3	3	10	40	93	<1.0	4,4-DDT=4.1	Aroclor 1254=64 Aroclor 1260=32	ND
PGE5-4.5	4.6	15	31	70	<1.0	---	---	ND
PGE6-0	0	0	64	230	---	ND	ND	---
PGE6-1.5	1.65	5.0	1.8	5.3	<1.0	ND	ND	ND
PGE6-3	3	10	<1.0	<1.0	<1.0	ND	ND	ND
PGE6-4.5	4.6	15	2.7	2.5	<1.0	---	---	ND
S1-0	0	0	**230**	**710**	---	---	---	---
S1-0.5	0.45	1.5	<1.0	<1.0	---	---	---	---
S1-1	0.9	3	5.2	12	---	---	---	---
S1-1.5	1.65	5	<1.0	1.5	---	---	---	---
S1-2	2	6.5	1.0	1.2	---	---	---	---
S1-3	3	10	<1.0	<1.0	---	---	---	---
S1-4.5	4.6	15	14	32	---	---	---	---
S2-0	0	0	96	140	---	---	---	---
S2-0.5	0.45	1.5	69	130	---	---	---	---
S2-1.0	0.9	3	50	94	---	---	---	---
S2-1.5	1.65	5	1.4	1.3	---	---	---	---
S2-2.0	2	6.5	4.1	5.4	---	---	---	---
S2-3.0	3	10	5.9	14	---	---	---	---
S2-4.5	4.6	15	<1.0	1.7	---	---	---	---

TABLE 3
Laboratory Analytical Results - Organics in Soil
SFOBB East Approach
Oakland Touchdown Project

Sample I.D.	Sample Depth (m)	Sample Depth (ft)	TPHd (mg/kg)	TPHmo (mg/kg)	TPHg (mg/kg)	Pesticides (ug/kg)	PCBs (ug/kg)	AHVOCs (ug/kg)
S3-0	0	0	70	220	---	---	---	---
S3-0.5	0.45	1.5	30	76	---	---	---	---
S3-1.0	0.9	3.0	24	68	---	---	---	---
S3-1.5	1.65	5	5.7	13	---	---	---	---
S3-2	2.0	6.5	3.7	4.0	---	---	---	---
S3-3	3.0	10	1.3	3.2	---	---	---	---
S3-4.5	4.6	15	3.4	2.6	---	---	---	---
S4-0	0	0	35	72	---	---	---	---
S4-0.5	0.45	1.5	73	160	---	---	---	---
S4-1	1	3	12	32	---	---	---	---
S4-1.5	1.65	5	1.9	1.7	---	---	---	---
S4-2	2.0	6.5	<1.0	1.0	---	---	---	---
T1-0	0	0	9.7	34	---	ND	ND	---
T1-0.5	0.45	1.5	---	---	<1.0	---	---	---
T1-1.0	1	3	15	51	---	4,4'-DDT=2.9	ND	ND
T1-1.5	1.65	5	---	---	<1.0	---	---	---
T1-2.0	2.0	6.5	---	---	---	---	---	ND
T3-0	0	0	27	53	---	ND	ND	---
T3-0.5	0.45	1.5	---	---	<1.0	---	---	---
T3-1.0	0.9	3	53	130	---	4,4'-DDD=45 4,4'-DDE=46 4,4'-DDT=270 alpha-Chlordane=73 **Chlordane=700** gamma-Chlordane=76	ND	ND
T3-1.5	1.65	5	---	---	<1.0	---	---	---
T3-2.0	2	6.5	---	---	---	---	---	ND
T5-0	0	0	**140**	**500**	---	ND	Aroclor 1260=26	---
T5-0.5	0.45	1.5	---	---	<1.0	---	---	---
T5-1.0	0.9	3	37	120	---	4,4'-DDT=7.1	ND	ND

TABLE 3
Laboratory Analytical Results - Organics in Soil
SFOBB East Approach
Oakland Touchdown Project

Sample I.D.	Sample Depth (m)	Sample Depth (ft)	TPHd (mg/kg)	TPHmo (mg/kg)	TPHg (mg/kg)	Pesticides (ug/kg)	PCBs (ug/kg)	AHVOCs (ug/kg)
T7-0	0	0	16	64	---	4,4'-DDT=2.8	ND	---
T7-0.5	0.45	1.5	---	---	<1.0	---	---	---
T7-1.0	0.9	3	<1.0	<1.0	---	ND	ND	ND
T7-1.5	1.65	5	---	---	<1.0	---	---	---
T9-0	0	0	34	87	---	4,4'-DDT=19	Aroclor 1260=39	---
T9-0.5	0.45	1.5	---	---	<1.0	---	---	---
T9-1.0	0.9	3.0	92	200	---	ND	ND	ND
T9-1.5	1.65	5.0	---	---	<1.0	---	---	---
T9-2.0	2	6.5	---	---	---	---	---	ND
T11-0	0	0	57	160	---	4,4'-DDT=12	Aroclor 1260=94	---
T11-0.5	0.45	1.5	---	---	<1.0	---	---	---
T11-1.0	0.9	3.0	10	21	---	ND	ND	ND
T11-1.3	1.2	4	---	---	<1.0	---	---	---
T13-0	0	0	**410**	**1,300**	---	ND	ND	---
T13-0.5	0.45	1.5	---	---	<1.0	---	---	---
T13-1.0	0.9	3.0	<1.0	1.8	---	ND	ND	ND
T13-1.5	1.5	5.0	---	---	<1.0	---	---	---
T13-2.0	2	6.5	---	---	---	---	---	ND
T15-0.5	0.45	1.5	---	---	<1.0	---	---	---
T15-1.0	0.9	3.0	3.3	7.0	---	4,4'-DDT=2.1	ND	ND
T15-1.5	1.65	5.0	---	---	<1.0	---	---	---
T15-2.0	2	6.5	---	---	---	---	---	ND

TABLE 3
Laboratory Analytical Results - Organics in Soil
SFOBB East Approach
Oakland Touchdown Project

Sample I.D.	Sample Depth (m)	Sample Depth (ft)	TPHd (mg/kg)	TPHmo (mg/kg)	TPHg (mg/kg)	Pesticides (ug/kg)	PCBs (ug/kg)	AHVOCs (ug/kg)
T17-0	0	0	69	120	---	4,4'-DDT=4.6	Aroclor 1260=35	---
T17-0.5	0.45	1.5	---	---	<1.0	---	---	---
T19-0	0	0	**270**	310		4,4'-DDD=5.7 4,4'-DDE=3.7 4,4'-DDT=20 alpha-Chlordane=4.1 Chlordane=58 gamma-Chlordane=5.6	Aroclor1260=90	---
T19-0.5	0.45	1.5	---	---	<1.0	---	---	---
T19-1.0	0.9	3.0	13	42		ND	ND	ND
T19-1.5	1.65	5.0	---	---	<1.0	---	---	---
T19-2.0	2	6.5	---	---	---	---	---	---
T21-0	0	0	**630**	**2,100**	---	ND	ND	---
T21-0.5	0.45	1.5	---	---	<1.0	---	---	---
T21-1.0	0.9	3.0	14	47	---	4,4'-DDT=2.7	ND	---
T21-1.5	1.65	5.0	---	---	<1.0	---	---	---
T21-2.0	2.0	6.5	---	---	---	---	---	ND
T23-0	0	0	71	200	---	ND	Aroclor 1262=99	---
T23-0.5	0.45	1.5	---	---	<1.0	---	---	---
T23-1.0	0.9	3	100	300	---	ND	Aroclor 1262=32	ND
T23-1.5	1.65	5	---	---	<1.0	---	---	---

TABLE 3
Laboratory Analytical Results - Organics in Soil
SFOBB East Approach
Oakland Touchdown Project

Sample I.D.	Sample Depth (m)	Sample Depth (ft)	TPHd (mg/kg)	TPHmo (mg/kg)	TPHg (mg/kg)	Pesticides (ug/kg)	PCBs (ug/kg)	AHVOCs (ug/kg)
TTLC				not established		Chlordane: 2,500 DDT, DDE, DDD: 1,000 Dieldrin: 8,000 [ug/kg]	50 [mg/kg]	N/A
STLC				not established		Chlordane: 0.25 DDT, DDE, DDD: 0.1 Dieldrin: 0.8 [mg/L]	5.0 [mg/L]	N/A
PRG*				not established		Chlordane: 1,600 (R) 6,500 (I) DDD: 24,00 (R) 10,000 (I) DDE: 1,700 (R) 7,000 (I) DDT: 1,700 (R) 7,000 (I) Dieldrin: 30 (R) 110 (I) [ug/kg]	low risk, i.e. Aroclor 1016: 3,900 (R) 37,000 (I) high risk, i.e. Aroclor 1254: 1,100 (R) 11,000 (I) [ug/kg]	N/A
ESL*			100 (R) 500 (I) [mg/kg]	500 (R) 1,000 (I) [mg/kg]	100 (R) 400 (I) [mg/kg]	Chlordane: 440(R) 1,700 (I) DDD: 2,300 (R) 9,000 (I) DDE: 1,600 (R) 4,000 (I) DDT: 1,600 (R) 4,000 (I) Dieldrin: 2.3 (R) 2.3 (I) Endrin: 0.65 (R) 0.65 (I) [ug/kg]	220 (R) 740 (I) [ug/kg]	N/A

TABLE 3
Laboratory Analytical Results - Organics in Soil
SFOBB East Approach
Oakland Touchdown Project

Sample I.D.	Sample Depth (m)	Sample Depth (ft)	TPHd (mg/kg)	TPHmo (mg/kg)	TPHg (mg/kg)	Pesticides (ug/kg)	PCBs (ug/kg)	AHVOCs (ug/kg)

Notes

Bolded results indicate that the analyte concentration exceeded a regulatory value

TPHd = Total Petroleum Hydrocarbons as diesel
TPHmo = Total Petroleum Hydrocarbons as motor oil
TPHg = Total Petroleum Hydrocarbons as gasoline
PCBs = Polychlorinated biphenyls
AHVOCS = Aromatic Halogenated Volatile Organic Compounds
--- = Not Analyzed
ND = No analytes detected above the laboratory reporting limit
< = Analyte was not detected above the stated detection limit
mg/kg = milligrams per kilogram
ug/kg = micrograms per kilogram
* = (R) indicates residential and (I) indicates industrial
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
PRG = Preliminary Remediation Goal
ESL = Environmental Screening Level

TABLE 4
Laboratory Analytical Results - Lead in Soil
SFOBB East Approach
Oakland Touchdown Project

Boring	Sample Depth (m)	Sample Depth (ft)	Total Lead (mg/kg)	WET (mg/L)	TCLP (mg/L)
MW-1-1	0.9	3	<5.0	---	---
MW-1-2	1.8	6	5.9	---	---
MW-1-3	3	10	<5.0	---	---
MW-1-4	3.65	12	<5.0	---	---
PGE1-0	0	0	**180**	**24**	<1.0
PGE1-1.5	1.5	5	91	**7.4**	<1.0
PGE1-3	3	10	78	**6.6**	<1.0
PGE1-4.5	4.6	15	51	**5.3**	<1.0
PGE2-0	0	0	44	---	---
PGE2-1.5	1.5	5	49	---	---
PGE2-3	3	10	10	---	---
PGE2-4.5	4.6	15	6.4	---	---
PGE3-0	0	0	4.4	---	---
PGE3-1.5	1.5	3	50	2.0	---
PGE3-3	3	10	2.4	---	---
PGE3-4.5	4.6	15	4.4	---	---
PGE4-0	0	0	9.3	---	---
PGE4-1.5	1.65	5	120	**7.8**	<1.0
PGE4-4.5	4.6	15	**150**	**20**	<1.0
PGE5-0	0	0	38	---	---
PGE5-1.5	1.8	6	53	3.3	---
PGE5-3	3	10	110	4.4	---
PGE5-4.5	4.6	15	30	---	---
PGE6-0	0	0	19	---	---
PGE6-1.5	1.65	5	4.5	---	---
PGE6-3	3	10	3.8	---	---
PGE6-4.5	4.6	15	4.4	---	---
S1-0	0	0	32	---	---
S1-0.5	0.45	1.5	190/**460**	**38/22**	<1.0
S1-1	0.9	3	14	---	---
S1-1.5	1.65	5	8.8	---	---
S1-2	2	6.5	3.6	---	---
S1-3	3	10	3.1	---	---
S1-4.5	4.6	15	16	---	---
S2-0	0	0	**610**	**57**	1.2
S2-0.5	0.45	1.5	780	**43**	1.3
S2-1.0	0.9	3	170/**230**	**30/27**	<1.0
S2-1.5	1.65	5	9.5	---	---
S2-2.0	2	6.5	11	---	---
S2-3.0	3	10	30	---	---
S2-4.5	4.6	15	7.8	---	---

TABLE 4
Laboratory Analytical Results - Lead in Soil
SFOBB East Approach
Oakland Touchdown Project

Boring	Sample Depth (m)	Sample Depth (ft)	Total Lead (mg/kg)	WET (mg/L)	TCLP (mg/L)
S3-0	0	0	270	**23**	<1.0
S3-0.5	0.45	1.5	210/250	**29/54**	<1.0
S3-1.0	0.9	3	**160**	**12**	<1.0
S3-1.5	1.65	5	41	---	---
S3-2	2	6.5	4.4	---	---
S3-3	3	10	4.7	---	---
S3-4.5	4.6	15	3.7	---	---
S4-0	0	0	270/16	**28/2.5**	<1.0
S4-0.5	0.45	1.5	**690**	**54**	1.3
S4-1	0.9	3	11	---	---
S4-1.5	1.65	5	1.8	---	---
S4-2	2	6.5	3.3	---	---
T1-0	0	0	7.8	---	<0.25
T1-0.5	0.45	1.5	**350**	**34**	2.3
T1-1.0	0.9	3	**1,100**	---	1.9
T1-1.5	1.65	5	120	**5.0**	<1.0
T2-0	0	0	7.6	---	---
T2-0.5	0.45	1.5	93/100	**13/5.5**	<1.0
T2-1.0	0.9	3	<5.0	---	---
T2-1.5	1.65	5	67	3.6	---
T3-0	0	0	5.9	---	---
T3-0.5	0.45	1.5	6.4	---	---
T3-1.0	0.9	3	38	---	---
T3-1.5	1.65	5	22	---	---
T4-0	0	0	91	4.9	---
T4-0.5	0.45	1.5	53/**160**	**5.6/5.4**	<1.0
T4-1.0	0.9	3	18	---	---
T4-1.5	1.65	5	7.4	---	---
T5-0	0	0	58	4.2	---
T5-0.5	0.45	1.5	53/**160**	**6.4/5.5**	<1.0
T5-1.0	0.9	3	32	---	---
T6-0	0	0	**150**	**9.0**	<1.0
T6-0.5	0.45	1.5	16	---	---
T6-1.0	0.9	3	<5.0	---	---
T6-1.5	1.65	5	12	---	---
T7-0	0	0	80	4.4	---
T7-0.5	0.45	1.5	<5.0	---	---
T7-1.0	0.9	3	<5.0	---	---
T7-1.5	1.65	5	<5.0	---	---

TABLE 4
Laboratory Analytical Results - Lead in Soil
SFOBB East Approach
Oakland Touchdown Project

Boring	Sample Depth (m)	Sample Depth (ft)	Total Lead (mg/kg)	WET (mg/L)	TCLP (mg/L)
T8-0	0	0	45	---	---
T8-0.5	0.45	1.5	15	---	---
T8-1.0	0.9	3	<5.0	---	---
T8-1.5	1.65	5	20	---	---
T9-0	0	0	**1,900**	---	5.2
T9-0.5	0.45	1.5	60/85	61/1.0	---
T9-1.0	0.9	3	12	---	---
T9-1.5	1.65	5	31	---	---
T10-0	0	0	240/**590**	**42/34**	0.40
T10-0.5	0.45	1.5	17	---	---
T10-1.0	0.9	3	15	---	---
T10-1.5	1.65	5	<5.0	---	---
T11-0	0	0	**260**	**16**	<1.0
T11-0.5	0.45	1.5	39	---	---
T11-1.0	0.9	3	<5.0	---	---
T11-1.5	1.65	5	16	---	---
T12-0	0	0	130	5.2	<1.0
T12-0.5	0.45	1.5	33	---	---
T12-1.0	0.9	3	27	---	---
T12-1.5	1.65	5	48	---	---
T13-0	0	0	150/**370**	**22/16**	1.6
T13-0.5	0.45	1.5	31	---	---
T13-1.0	0.9	3	<5.0	---	---
T13-1.5	1.65	5	<5.0	---	---
T14-0	0	0	**460**	**5.2**	0.52
T14-0.5	0.45	1.5	29	---	---
T14-1.0	0.9	3	5.5	---	---
T14-1.5	1.65	5	9.1	---	---
T15-0.5	0.45	1.5	**2,200**	---	6.5
T15-1.0	0.9	3	100/37	**19/5.1**	---
T15-1.5	1.65	5	25	---	---
T16-0	0	0	**310**	**11**	0.81
T16-0.5	0.45	1.5	**880**	**22**	2
T16-1.0	0.9	3	<5.0	---	---
T16-1.5	1.65	5	6.1	---	---
T17-0	0	0	**890**	**7.8**	2.5
T17-0.5	0.45	1.5	31	---	---

TABLE 4
Laboratory Analytical Results - Lead in Soil
SFOBB East Approach
Oakland Touchdown Project

Boring	Sample Depth (m)	Sample Depth (ft)	Total Lead (mg/kg)	WET (mg/L)	TCLP (mg/L)
T18-0	0	0	**1,900**	---	4.2
T18-0.5	0.45	1.5	**220**	**5.9**	<1.0
T18-1.0	0.9	3	7.4	---	---
T19-0	0	0	650	4.3	---
T19-0.5	0.45	1.5	170/**1,700**	**20/18**	0.48
T19-1.0	0.9	3	43	---	---
T19-1.5	1.65	5	**300**	**5.6**	<0.25
T20-0	0	0	**5,400**	---	12
T20-0.5	0.45	1.5	14	---	---
T-20-1.0	0.9	3	64	<1.0	<0.25
T20-1.5	1.65	5	**400**	**11**	1.1
T21-0	0	0	11	---	---
T21-0.5	0.45	1.5	**220**	**11**	<0.25
T21-1.0	0.9	3	21	---	---
T21-1.5	1.65	5	<5	---	---
T22-0	0	0	6.8	---	---
T22-0.5	0.45	1.5	21	---	---
T22-1.0	0.9	3	8.2	---	---
T22-1.5	1.65	5	13	---	---
T23-0	0	0	**170**	**9.2**	<1.0
T23-0.5	0.45	1.5	120	**9.4**	<1.0
T23-1.0	0.9	3	120	**9.6**	1.1
T23-1.5	1.65	5	50	4.2	---
RCRA (mg/L)					5
STLC (mg/L)				5	
TTLC (mg/kg)			1000		
PRG (mg/kg)			150 (R)* 800 (I)		
ESL (mg/kg)			150 (R) 750 (I)		

TABLE 4
Laboratory Analytical Results - Lead in Soil
SFOBB East Approach
Oakland Touchdown Project

Boring	Sample Depth (m)	Sample Depth (ft)	Total Lead (mg/kg)	WET (mg/L)	TCLP (mg/L)

Notes:

Bolded results indicate that the analyte concentration exceeded a regulatory value

m= Meters
ft= Feet
WET = Waste Extraction Test using citric acid as the extraction fluid
TCLP = Toxicity Characteristic Leaching Procedure
mg/kg = milligrams per kilogram
mg/L = milligrams per Liter
< = Analyte was not detected above the stated laboratory reporting limit
--- = Not Analyzed
WET = Waste Extraction Test using citric acid as the extraction fluid
TCLP = Toxicity Characteristic Leaching Procedure
mg/kg = milligrams per kilogram
mg/L = milligrams per Liter
< = Analyte was not detected above the stated laboratory reporting limit
--- = Not Analyzed
* = (R) indicates residential and (I) indicates industrial
RCRA = Resource Conservation Recovery Act
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
PRG = Preliminary Remediation Goal
ESL = Environmental Screening Level

TABLE 5
Laboratory Analytical Results - Metals in Soil
SFOBB East Approach
Oakland Touchdown Project

Sample I.D.	Sample Depth (meter)	Sample Depth (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
PGE1-0	0	0	<1.0	<1.0	160	<1.0	<1.0	38	9.3	78	**180**	2.2	38	2.8	<1.0	<1.0	29	160	0.59
PGE1-1.5	1.65	5	<1.0	<1.0	92	<1.0	<1.0	29	7.6	49	91	1.6	36	1.5	<1.0	<1.0	23	96	0.42
PGE1-3	3	10	<1.0	<1.0	94	<1.0	<1.0	24	8.0	30	78	2.2	29	3.0	<1.0	<1.0	25	150	0.38
PGE1-4.5	4.6	15	<1.0	<1.0	82	<1.0	<1.0	29	6.7	17	51	2.1	39	2.9	<1.0	<1.0	26	86	0.26
PGE2-0	0	0	<1.0	<1.0	95	<1.0	<1.0	25	7.7	18	44	2.6	25	5.1	<1.0	<1.0	27	48	<0.10
PGE2-1.5	1.65	5	<1.0	<1.0	54	<1.0	<1.0	17	6.5	15	49	2.4	19	4.6	<1.0	<1.0	16	54	0.19
PGE2-3	3	10	<1.0	<1.0	67	<1.0	<1.0	24	8.2	11	10	2.0	25	2.0	<1.0	<1.0	21	33	0.61
PGE2-4.5	4.6	15	<1.0	<1.0	110	<1.0	<1.0	11	5.3	6.9	6.4	1.7	13	3.8	<1.0	<1.0	16	24	0.44
PGE3-0	0	0	<1.0	<1.0	100	<1.0	<1.0	14	3.6	10	4.4	2.9	16	7.5	<1.0	<1.0	19	20	<0.10
PGE3-1.5	1.65	5	<1.0	<1.0	110	<1.0	<1.0	16	6.6	93	50	1.9	20	3.6	<1.0	<1.0	21	86	8.1
																			0.0071
PGE3-3	3	10	<1.0	<1.0	18	<1.0	<1.0	30	9.8	6.8	2.4	1.8	32	2.4	<1.0	<1.0	21	30	<0.10
PGE3-4.5	4.6	15	<1.0	<1.0	32	<1.0	<1.0	40	9.0	16	4.4	1.5	37	1.7	<1.0	<1.0	31	38	0.18
PGE4-0	0	0	<1.0	<1.0	110	<1.0	<1.0	48	5.7	16	9.3	3.7	33	6.8	<1.0	<1.0	28	30	<0.10
PGE4-1.5	1.65	5	<1.0	<1.0	78	<1.0	<1.0	24	6.8	28	120	2.0	23	2.0	<1.0	<1.0	24	87	0.15
PGE4-4.5	4.6	15	<1.0	<1.0	61	<1.0	<1.0	21	5.2	16	**150**	2.9	18	3.5	<1.0	<1.0	17	55	0.65
PGE5-0	0	0	<1.0	<1.0	37	<1.0	<1.0	8.9	2.3	11	38	3.0	11	2.6	<1.0	<1.0	9.0	50	<0.10
PGE5-1.5	1.65	5	<1.0	<1.0	60	<1.0	<1.0	12	4.6	9.1	53	2.1	12	<1.0	<1.0	<1.0	12	30	0.49
PGE5-3	3	10	<1.0	<1.0	49	<1.0	<1.0	14	6.5	11	110	2.8	17	2.6	<1.0	<1.0	14	43	0.21
PGE-4.5	4.6	15	<1.0	<1.0	54	<1.0	<1.0	16	6.8	9.1	30	3.2	17	4.1	<1.0	<1.0	16	33	0.45
PGE6-0	0	0	<1.0	<1.0	190	<1.0	<1.0	16	7.6	38	19	1.3	22	2.4	<1.0	<1.0	19	49	1.2
PGE6-1.5	1.65	5	<1.0	<1.0	27	<1.0	<1.0	36	7.6	18	4.5	1.5	37	<1.0	<1.0	<1.0	28	37	0.16
PGE6-3	3	10	<1.0	<1.0	26	<1.0	<1.0	37	9.6	12	3.8	1.8	36	3.2	<1.0	<1.0	28	36	<0.10
PGE6-4.5	4.6	15	<1.0	<1.0	34	<1.0	<1.0	42	9.4	15	4.4	2.2	38	2.4	<1.0	<1.0	35	37	<0.10

TABLE 5
Laboratory Analytical Results - Metals in Soil
SFOBB East Approach
Oakland Touchdown Project

Sample I.D.	Sample Depth (meter)	Sample Depth (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
S1-0	0	0	<1.0	<1.0	57	<1.0	<1.0	27	5.9	20	32	2.5	26	7.5	<1.0	<1.0	22	38	<0.10
S1-0.5	0.45	1.5	<1.0	<1.0	36	<1.0	<1.0	3.0	4.3	17	**190**	1.6	4.5	1.3	<1.0	<1.0	11	110	0.22
S1-1	0.9	3	<1.0	<1.0	24	<1.0	<1.0	1.6	2.7	7.8	14	<1.0	1.6	<1.0	<1.0	<1.0	4.3	68	0.10
S1-1.5	1.65	5	<1.0	<1.0	130	<1.0	<1.0	31	5.3	4.2	8.8	2.1	23	3.9	<1.0	<1.0	20	15	<0.10
S1-2	2	6.5	<1.0	<1.0	37	<1.0	<1.0	15	13	22	3.6	1.1	13	1.1	<1.0	<1.0	72	37	<0.10
S1-3	3	10	<1.0	<1.0	86	<1.0	<1.0	23	4.3	3.2	3.1	1.4	16	2.8	<1.0	<1.0	15	9.7	<0.10
S1-4.5	4.6	15	<1.0	<1.0	39	<1.0	<1.0	25	8.2	9.5	16	3.1	22	5.1	<1.0	<1.0	21	37	0.21
S2-0	0	0	<1.0	<1.0	110	<1.0	1.1	34	8.0	43	**610**	3.3	25	4.1	<1.0	<1.0	29	210	0.10
S2-0.5	0.45	1.5	<1.0	<1.0	100	<1.0	<1.0	33	8.0	50	**780**	2.9	26	5.7	<1.0	<1.0	26	230	0.15
S2-1.0	0.9	3	<1.0	<1.0	76	<1.0	<1.0	28	8.3	35	**170**	3.2	23	4.1	<1.0	<1.0	33	93	0.22
S2-1.5	1.65	5	<1.0	<1.0	54	<1.0	<1.0	8.9	6.3	6.0	9.5	2.3	11	2.3	<1.0	<1.0	18	28	<0.10
S2-2.0	2	6.5	<1.0	<1.0	36	<1.0	<1.0	25	5.9	5.0	11	3.1	19	3.2	<1.0	<1.0	20	21	0.25
S2-3.0	3	10	<1.0	<1.0	46	<1.0	<1.0	23	6.3	8.2	30	2.8	19	4.4	<1.0	<1.0	20	33	0.31
S2-4.5	4.6	15	<1.0	<1.0	120	<1.0	<1.0	10	5.1	5.9	7.8	1.5	13	2.2	<1.0	<1.0	13	24	0.62
S3-0	0	0	<1.0	<1.0	85	<1.0	<1.0	25	7.3	36	**270**	2.8	21	5.1	<1.0	<1.0	24	180	0.26
S3-0.5	0.45	1.5	<1.0	<1.0	57	<1.0	<1.0	18	10	62	**210**	2.4	20	<1.0	<1.0	<1.0	44	100	0.29
S3-1.0	0.9	3	<1.0	<1.0	120	<1.0	<1.0	13	7.4	35	**160**	2.1	13	3.4	<1.0	<1.0	32	81	0.37
S3-1.5	1.65	5	<1.0	<1.0	110	<1.0	<1.0	15	8.7	23	41	2.0	18	4.3	<1.0	<1.0	19	47	0.50
S3-2	2	6.5	<1.0	<1.0	30	<1.0	<1.0	19	4.2	4.4	4.4	1.7	17	3.2	<1.0	<1.0	15	25	0.25
S3-3	3	10	<1.0	<1.0	41	<1.0	<1.0	28	8.7	9.2	4.7	2.2	25	3.1	<1.0	<1.0	25	29	<0.10
S3-4.5	4.6	15	<1.0	<1.0	66	<1.0	<1.0	15	5.2	6.1	3.7	1.7	14	3.9	<1.0	<1.0	15	20	0.13

TABLE 5
Laboratory Analytical Results - Metals in Soil
SFOBB East Approach
Oakland Touchdown Project

Sample I.D.	Sample Depth (meter)	Sample Depth (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
S4-0	0	0	<1.0	<1.0	56	<1.0	<1.0	21	8.7	53	**270**	2.4	17	1.4	<1.0	<1.0	41	160	0.30
S4-0.5	0.45	1.5	<1.0	<1.0	87	<1.0	<1.0	22	7.7	88	**690**	2.7	17	3.1	<1.0	<1.0	33	140	0.18
S4-1	0.9	3	<1.0	<1.0	41	<1.0	1.1	3.1	22	47	11	<1.0	6.1	<1.0	<1.0	<1.0	**150**	53	0.34
S4-1.5	1.65	5	<1.0	<1.0	20	<1.0	<1.0	23	4.6	4.5	1.8	1.3	18	2.5	<1.0	<1.0	16	11	<0.10
S4-2	2	6.5	<1.0	<1.0	28	<1.0	<1.0	30	5.1	3.3	3.3	1.6	23	3.2	<1.0	<1.0	18	14	<0.10
T14-0	0	0	<1.0	<1.0	67	<1.0	1.5	39	7.1	45	**460**	1.7	40	<1.0	<1.0	<1.0	27	180	<0.10
T14-0.5	0.3	1.0	<1.0	**1.8**	69	<1.0	<1.0	33	9.0	36	29	<1.0	33	<1.0	<1.0	<1.0	27	43	0.25
T14-1.0	0.9	3.0	<1.0	<1.0	39	<1.0	<1.0	26	5.9	8.3	5.5	<1.0	29	1.1	<1.0	<1.0	16	25	<0.10
T14-1.5	1.65	5.0	<1.0	<1.0	57	<1.0	<1.0	20	6.2	16	9.1	<1.0	21	<1.0	<1.0	<1.0	19	31	0.24
T16-0	0	0	<1.0	<1.0	100	<1.0	<1.0	34	10	63	**310**	2.3	25	1.0	<1.0	<1.0	52	170	<0.10
T16-0.5	0.3	1.0	1.6	10	70	<1.0	1.4	**210**	14	68	**880**	2.2	**190**	<1.0	<1.0	<1.0	24	360	0.15
T18-0	0	0	1.6	<1.0	120	<1.0	1.6	**140**	12	140	**1,900**	4.1	130	2.7	<1.0	<1.0	29	310	0.19
								1.2											
T18-0.5	0.045	1.5	<1.0	<1.0	60	<1.0	<1.0	29	8.7	33	**220**	2.0	31	2.3	<1.0	<1.0	26	98	0.19
T18-1.0	0.9	3	<1.0	<1.0	110	<1.0	<1.0	47	9.9	21	7.4	1.5	58	<1.0	<1.0	<1.0	27	49	<0.10
T20-0	0.0	0.0	<1.0	**2.2**	92	<1.0	<1.0	37	5.8	53	**5,400**	1.1	23	<1.0	<1.0	<1.0	17	450	0.40
T20-0.5	0.45	1.5	<1.0	<1.0	61	<1.0	<1.0	11	5.5	6.8	14	<1.0	17	<1.0	<1.0	<1.0	17	21	<0.10
T20-1.0	0.9	3	<1.0	**2.5**	68	<1.0	<1.0	21	7.8	28	64	<1.0	28	1.1	<1.0	<1.0	15	93	0.13
T20-1.5	1.65	5.0	<1.0	<1.0	58	<1.0	<1.0	18	6.1	19	**400**	<1.0	21	<1.0	<1.0	<1.0	18	95	<0.10
T22-0	0	0	<1.0	<1.0	51	<1.0	<1.0	15	6.1	7.9	6.8	<1.0	16	<1.0	<1.0	<1.0	20	25	0.10
T22-0.5	0.3	1.0	<1.0	<1.0	31	<1.0	<1.0	11	4.1	11	21	<1.0	11	<1.0	<1.0	<1.0	17	23	0.18
T22-1.0	0.9	3.0	<1.0	<1.0	110	<1.0	<1.0	8.8	7.0	6.6	8.2	<1.0	13	<1.0	<1.0	<1.0	12	24	0.40
T22-1.5	1.65	5.0	<1.0	2.3	36	<1.0	<1.0	27	6.9	8.7	13	<1.0	23	<1.0	<1.0	<1.0	20	22	<0.10

TABLE 5
Laboratory Analytical Results - Metals in Soil
SFOBB East Approach
Oakland Touchdown Project

Sample I.D.	Sample Depth (meter)	Sample Depth (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
STLC (mg/L)			15	5.0	100	0.75	1	5	80	25	5.0	350	20	1.0	5	7.0	24	250	0.2
TTLC (mg/kg)			500	500	10,000	75	100	500	8,000	2,500	1,000	3,500	2,000	100	500	700	2,400	5,000	20
PRG* (mg/kg)			31 410	0.062 0.25	5,400 67,000	150 1,900	37 450	210 450	900 1,900	3,100 41,000	150 800	390 5,100	1,600 20,000	390 5,100	390 5,100	5.2 67	78 1,000	23,000 100,000	23 310
ESL (mg/kg)			6.1 40	5.5 5.5	750 1,500	4 8	1.7 7.4	58 58	10 10	230 230	150 750	40 40	150 150	10 10	20 40	1 13	110 200	600 600	3.7 10

Note:
- All data is reported in milligrams per kilogram (mg/kg) unless otherwise noted
- Soluble concentration (WET) of the specific metal is shown in italics and reported in milligrams per liter (mg/L)
- Soluble lead data may be found in Table 3
- Bolded results indicate that the analyte concentration exceeded a regulatory value
- *For PRG/ESL: Industrial values are listed below the residential values within the same cell

TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
PRG = Preliminary Remediation Goal
ESL = Environmental Screening Level

TABLE 6
Laboratory Analytical Results - Metals in Groundwater
SFOBB East Approach
Oakland Touchdown Project

Sample Location	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
MW-1 (Low tide)	3/14/2005	<0.025	<0.050	0.047	<0.015	<0.015	<0.015	<0.015	<0.025	<0.025	<0.025	<0.025	<0.050	<0.015	<0.075	0.020	<0.050	<0.00020
MW-1 (High tide)	3/14/2005	<0.025	<0.050	0.180	<0.015	<0.015	**0.10**	<0.015	<0.025	<0.025	<0.025	**0.080**	<0.050	<0.015	<0.075	0.076	0.078	<0.00020
MW-1 (Low tide)	6/17/2005	<0.050	<0.10	0.087	<0.030	<0.030	**0.068**	<0.030	<0.050	<0.050	<0.050	**0.061**	<0.10	<0.030	<0.15	0.044	<0.10	<0.00020
MW-1 (High tide)	6/17/2005	<0.050	<0.10	0.065	<0.030	<0.030	**0.050**	<0.030	<0.050	<0.050	<0.050	<0.050	<0.10	<0.030	<0.15	0.033	<0.10	<0.00020
ESLs (mg/L)		0.030	0.0001	1.0	0.0027	0.0011	0.0018	0.0030	0.0031	0.0025	0.240	0.0082	0.0050	0.00019	0.0063	0.1900	0.810	0.00002

Notes:

Bolded results indicate that the analyte concentration exceeded a regulatory value
results shown in milligrams per liter (mg/L)
<= Not detected above laboratory reporting limit.
ESLs = Environmental Screening Levels

TABLE 7
Laboratory Analytical Results – Organics in Groundwater
SFOBB East Approach
Oakland Touchdown Project

Sample Location	Date	TPHg (mg/L)	TPHd (mg/L)	O&G (mg/L)	TRPH (mg/L)	TOC (mg/L)	Total Cyanide (mg/L)	Total Sulfide (mg/L)	TDS (mg/L)	SVOCs (ug/L)	AHVOCs (ug/L)
MW-1 (Low tide)	3/14/2005	<0.050	<0.050	<4.2	<2.1	5.8	<0.010	0.084	1,200	ND	ND
MW-1 (High tide)	3/14/2005	<0.050	0.054	<4.3	<2.2	5.6	<0.010	0.17	900	ND	ND
MW-1 (Low tide)	6/17/2005	0.15	0.074	<4.5	<2.3	12	<0.010	0.41	420	ND	ND
MW-1 (High tide)	6/17/2005	<0.050	0.053	<4.7	<2.4	9.6	<0.010	0.43	410	ND	ND
ESLs (mg/L)		0.500	0.640	NE	NE	NE	0.001	NE	NE	NA	NA

Notes:

Bolded results indicate that the analyte concentration exceeded a regulatory value

TPHg = Total Petroleum Hydrocarbons as gasoline
TPHd = Total Petroleum Hydrocarbons as diesel
TRPH = Total recoverable Petroleum Hydrocarbons
O&G = Total Oil and Grease
TOC = Total Organic Carbon
TDS = Total Dissolved Solids
SVOCs = Semi-volatile organic compounds
AHVOCs = Aromatic halogenated volatile organic compounds
mg/L = miligrams per liter
ug/L = micrograms per liter
< = not detected above laboratory reporting limit
ND = not detected
ESLs = Environmental Screening Levels
NE = None Established
NA = Not Applicable

TABLE 8a
Summary of Statistical Analysis
SFOBB East Approach
Oakland Touchdown Project

Existing PG&E Substation Borings
Borings PGE1 to PGE6

TOTAL LEAD UCLs

	Total Lead (mg/kg)	
	90% UCL	95% UCL
0 to 0.15 meter (0 to 0.5 ft)	80	89
1.5 to 1.65 meter (5 to 5.5 ft)	80	86
3.0 to 3.2 meter (10 to 10.5 ft)	67	73
4.6 to 4.7 meter (15 to 15.5 ft)	68	76

EXCAVATION SCENARIOS

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead* (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead* (mg/l)
0 to 1.5 meter (0 to 5 ft)	80	8.1	89	9.0
Underlying Soil (1.5 to 4.7 meter)	*73*	*7.4*	*79*	*8.0*
0 to 3 meter (0 to 10 ft)	80	8.1	88	8.8
Underlying Soil (3 to 4.7 meter)	*67*	*6.8*	*73*	*7.4*
0 to 4.6 meter (0 to 15 ft)	76	7.6	83	8.3
Underlying Soil (4.6 to 4.7 meter)	*68*	*6.9*	*76*	*7.7*
0 to 4.7 meter (0 to 15.5 ft)	75	7.6	82	8.3

UCL = Upper Confidence Level (90% UCL is applicable for onsite reuse; 95% UCL is applicable for offsite reuse/disposal)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = Soluble (WET) lead concentrations are predicted using slope of regression line, where y = predicted soluble (WET) lead and x = total lead.

Regression Line Slope: $y = 0.101 \quad x$

TABLE 8b
Summary of Statistical Analaysis
SFOBB East Approach
Oakland Touchdown Project

Proposed Mole Substation Borings
Borings S1 to S4

TOTAL LEAD UCLs

	Total Lead (mg/kg)	
	90% UCL	95% UCL
0 to 0.15 meter (0 to 0.5 ft)	386	430
0.45 to 0.6 meter (1.5 to 2.0 ft)	676	712
0.9 to 1.05 meter (3 to 3.5 ft)	164	182
1.5 to 1.65 meter (5 to 5.5 ft)	25	28
2.0 to 2.15 meter (6.5 to 7 ft)	7.6	8.2
3.0 to 3.2 meter (10 to 10.5 ft)	30	30
4.6 to 4.7 meter (15 to 15.5 ft)	16	16

EXCAVATION SCENARIOS

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead* (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead* (mg/l)
0 to 0.45 meter (0 to 1.5 ft)	386	27.6	430	30.7
Underlying Soil (0.45 to 4.7 meter)	*112*	*8.0*	*119*	*8.5*
0 to 0.9 meter (0 to 3 ft)	531	38.0	571	40.8
Underlying Soil (0.9 to 4.7 meter)	*44*	*3.1*	*47*	*3.4*
0 to 1.5 meter (0 to 5 ft)	384	27.5	415	29.7
Underlying Soil (1.5 to 4.7 meter)	*21*	*1.5*	*22*	*1.6*
0 to 2 meter (0 to 6.5 ft)	301	21.5	326	23.3
Underlying Soil (2 to 4.7 meter)	*21*	*1.5*	*21*	*1.5*
0 to 3 meter (0 to 10 ft)	199	14.2	215	15.4
Underlying Soil (3 to 4.7 meter)	*29*	*2.1*	*29*	*2.1*
0 to 4.6 meter (0 to 15 ft)	142	10.2	153	11.0
Underlying Soil (4.6 to 4.7 meter)	*16*	*1.1*	*16*	*1.1*
0 to 4.7 meter (0 to 15.5 ft)	138	9.9	149	10.6

Notes:

UCL = Upper Confidence Level (90% UCL is applicable for onsite reuse; 95% UCL is applicable for offsite reuse/disposal)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = Soluble (WET) lead concentrations are predicted using slope of regression line, where y = predicted soluble (WET) lead and x = total lead.

Regression Line Slope: $y = 0.0715\ x$

TABLE 8c
Summary of Statistical Analysis
SFOBB East Approach
Oakland Touchdown Project

Utility Trench Borings
Borings T2 to T22

TOTAL LEAD UCLs

	Total Lead (mg/kg)	
	90% UCL	**95% UCL**
0 to 0.15 meter (0 to 0.5 ft)	1089	1172
0.45 to 0.6 meter (1.5 to 2 ft)	300	332
0.9 to 1.05 meter (3 to 3.5 ft)	22	23
1.5 to 1.65 meter (5 to 5.5 ft)	86	95

EXCAVATION SCENARIOS

	90% UCL		95% UCL	
Excavation Depth	**Total Lead (mg/kg)**	**Soluble (WET) Lead* (mg/l)**	**Total Lead (mg/kg)**	**Soluble (WET) Lead* (mg/l)**
0 to 0.45 meter (0 to 1.5 ft)	1089	48.7	1172	52.4
Underlying Soil (0.45 to 1.65 meter)	*134*	*6.0*	*148*	*6.6*
0 to 0.9 meter (0 to 3 ft)	695	31.0	752	33.6
Underlying Soil (0.9 to 1.65 meter)	*35*	*1.6*	*37*	*1.7*
0 to 1.5 meter (0 to 5 ft)	421	18.8	456	20.4
Underlying Soil (0.1.5 to 1.65 meter)	*86*	*3.8*	*95*	*4.2*
0 to 1.65 meter (0 to 5.5 ft)	395	17.6	427	19.1

Notes:

UCL = Upper Confidence Level (90% UCL is applicable for onsite reuse; 95% UCL is applicable for offsite reuse/disposal)
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = Soluble (WET) lead concentrations are predicted using slope of regression line, where y = predicted soluble (WET) lead and x = total lead.

Regression Line Slope: $y = 0.0447 \quad x$

APPENDIX A

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-6633 James Yoo
FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 210 Burma Rd. Oakland, CA - Caltrans maint. Station to the PG&E Substation at end of peninsula where the Bay Bridge touches down to land.

CLIENT
Name CALTRANS - District 04
Address 111 GRAND AVE Phone 510-286-5642
City Oakland, CA Zip 94623

APPLICANT
Name CALTRANS - Marisol Chan
Environmental Services Fax 510-286-5642
Address 111 Grand Ave. Phone 510-286-5692
City Oakland, CA Zip 94623

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	
Monitoring	X	Well Destruction	

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other _____	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Auger	X
Cable	☐	Other			

DRILLER'S NAME GREGG DRILLING

DRILLER'S LICENSE NO. 485165

WELL PROJECTS
Drill Hole Diameter 8 in. Maximum Depth 15 ft.
Casing Diameter 1 in. Owner's Well Number MW-1
Surface Seal Depth 5 ft.

GEOTECHNICAL PROJECTS
Number of Borings _____ Maximum Depth _____ ft.
Hole Diameter _____ in.

STARTING DATE 3-4-05

COMPLETION DATE 3-4-05

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE [signature] DATE 3-11-05

PLEASE PRINT NAME Matt Hanko

Rev.9-18-02

FOR OFFICE USE

PERMIT NUMBER W05-0242
WELL NUMBER
APN

PERMIT CONDITIONS
Circled Permit Requirements Apply

A. GENERAL
1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted original Department of Water Resources-Well Completion Report.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL
Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings.

E. CATHODIC
Fill hole anode zone with concrete placed by tremie.

F. WELL DESTRUCTION
Send a map of work site. A separate permit is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS — MW#1

NOTE: One application must be submitted for each well or well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations.

APPROVED [signature] DATE 3-2-05

ALAMEDA COUNTY PUBLIC WORKS AGENCY
WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD, CA. 94544-1395
PHONE (510) 670-6633 James Yoo FAX (510) 782-1939

PERMIT NO. W05-0242-0254

WATER RESOURCES SECTION
GROUNDWATER PROTECTION ORDINANCE
MW#1-GENERAL CONDITIONS: MONITIORING WELL/PIEZOMETERS

1. Prior to installation of any monitoring wells into any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

2. The minimum surface seal thickness two inches of cement grout placed by tremie.

3. All monitoring wells shall have a minimum surface cement seal depth of five (5) feet or the maximum depth practicable or twenty (20) feet.

4. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.

5. Permitte, permittee's, contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statues regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on-or off site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

6. No changes in construction procedures or well type shall change, as described on this permit application. This permit may be voided if it contains incorrect information.

7. Drilling Permit(s) can be voided/ canceled only in writing. It is the applicants responsibilities to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. **Permit is valid from March 1 to March 10, 2005.** Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

8. Compliance with the above well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). **Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including: permit number and site map.**

9. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

10. **Applicant shall contact George Bolton for a inspection time at 510-670-5594 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.**

PROJECT NO. E8220-06-04

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	BORING/WELL NO. MW-1 DATE DRILLED 3/3/2005 WATER LEVEL (ATD) EQUIPMENT HOLLOW-STEM AUGER DRILLER GREGG	WELL CONSTRUCTION	HEADSPACE (PPM)
				SOIL DESCRIPTION		
1		MW1-0 NR		**ASPHALT CONCRETE PAVEMENT** Very dense, damp, dark brown/olive, well graded Gravelly SAND, with trace fines		
2						
3		MW1-1		Soft, moist, light brown, poorly graded medium SAND, with some fine gravel		
4						
5						
6		MW1-2		Soft, moist, light brown, poorly graded medium SAND		
7						
8						
9						
10		MW1-3		Soft, moist, olive brown, poorly graded medium SAND		
11						
12						
13		MW1-4				
14						
15						
16				BORING TERMINATED AT 15.5 FEET		
17						
18						
19						
20						
21						
22						
23						
24						

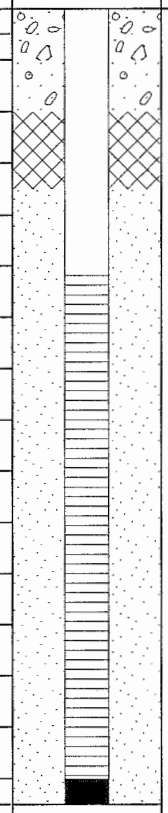

Figure 1, Log of Boring MW-1, page 1 of 1

ENV_WELL SFOBB BORINGS.GPJ 04/08/05

CASING ELEVATION:	QUANTITY OF FILTER MATERIAL: **2 bags**
DIAMETER & TYPE OF CASING **2" PVC**	WELL SEAL & INTERVAL: **2-3.5' Bentonite**
CASING INTERVAL: **0-5'**	WELL SEAL QUANTITY: **0.5 bag**
WELL SCREEN: **0.01 INCH**	ANNULUS SEAL/INTERVAL: **1-2'**
SCREEN INTERVAL: **5-15'**	ADDITIVES: **None**
WELL COVER: **Traffic Rated Vault**	WELL DEPTH: **15'**
FILTERPACK/INTERVAL: **3.5-15'**	ENGINEER/GEOLOGIST: **CHRIS MERRITT**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

APPENDIX B

MONITORING WELL DEVELOPMENT DATA

Project Name: SFOBB Oakland Touchdown	**Project Number:** E8220-06-04
Well No.: MW-1	Date: 3/11/05
Well Diameter: 2 in.	Field Personnel: Matt Hanko/Pete Arroyo
Casing Length: 14.6 feet	Screened Casing Length:
Well Elevation: feet MSL measured from	

PURGE CHARACTERISTICS	
Water Depth Before Purging: 6.60 ft.	2 in. = .1632 Gal/ft. 4 in. = .6528 Gal/ft.
Calculated Water Column Volume: 1.3 Gal.	Volumes Purged: 15.4
Start Purging Time: 1440	End Purging Time: 1458
Total Time: 18 min.	Flow Gauge: to
Total Volume Purged: 20 Gal.	Avg. Flow Rate: 2 gpm
Water Depth After Purging: feet	Time:
Dissolved Oxygen: mg/l	Free Product: (Y/N); Thickness: inches

SAMPLING CHARACTERISTICS	
Purging Method: Centrifugal Pump	Sampling Method: N/A
Laboratory Analysis:	

TIME	TEMP. (°C)	CONDUCTIVITY (umhos/cm)	pH	Gallons Purged
1440	19.8	1039	8.63	2.5
1441	18.8	832	8.69	5
1443	18.7	991	8.77	7
1445	19.0	1093	8.71	9
1447	18.9	1312	8.67	11
1451	18.4	2407	8.52	13
1453	18.8	2284	8.49	15
1455	18.5	1109	8.47	17
1457	18.6	904	8.41	19
1458	Stopped Pump			20

comments: 1436 – surge well

MONITORING WELL SAMPLING DATA

Project Name: SFOBB Oakland Touchdown	**Project Number:** E8220-06-04
Well No.: MW-1 Low	Date: 3/14/05
Well Diameter: 2 in.	Field Personnel: Matt Hanko
Casing Length: 14.5 feet	Screened Casing Length: 5 feet
Well Elevation: feet MSL measured from	

PURGE CHARACTERISTICS	
Water Depth Before Purging: 7.47 ft.	2 in. = .1632 Gal/ft. 4 in. = .6528 Gal/ft.
Calculated Water Column Volume: 1.1 Gal.	Volumes Purged: 3+
Start Purging Time: 1016	End Purging Time: 1028
Total Time: 12 min.	Flow Gauge: to
Total Volume Purged: 3.5 Gal.	Avg. Flow Rate: gpm
Water Depth After Purging: feet	Time:
Dissolved Oxygen: mg/l	Free Product: (Y/N); Thickness: inches

SAMPLING CHARACTERISTICS	
Purging Method: Watterii Valve	Sampling Method: Dedicated Tubing
Laboratory Analysis:	

TIME	TEMPERATURE (°C)	CONDUCTIVITY (umhos/cm)	pH	Gallons Purged
1023	16.6	867	8.33	1
1026	16.3	871	8.34	2.2
1028	16.0	876	8.37	3.5

comments:

MONITORING WELL SAMPLING DATA

Project Name: SFOBB Oakland Touchdown	**Project Number:** E8220-06-04
Well No.: MW-1 High	Date: 3/14/05
Well Diameter: 2 in.	Field Personnel: Matt Hanko
Casing Length: feet	Screened Casing Length: 5 feet
Well Elevation: feet MSL measured from	

PURGE CHARACTERISTICS	
Water Depth Before Purging: 7.38 ft.	2 in. = .1632 Gal/ft. 4 in. = .6528 Gal/ft.
Calculated Water Column Volume: 1 Gal.	Volumes Purged: 3+
Start Purging Time: 1536	End Purging Time: 1544
Total Time: 8 min.	Flow Gauge: to
Total Volume Purged: 4.5 Gal.	Avg. Flow Rate: gpm
Water Depth After Purging: feet	Time:
Dissolved Oxygen: mg/l	Free Product: (Y/N); Thickness: inches

SAMPLING CHARACTERISTICS

Purging Method: Watterii Valve	Sampling Method: Dedicated Tubing

Laboratory Analysis:

TIME	TEMPERATURE (°C)	CONDUCTIVITY (umhos/cm)	pH	Gallons Purged
1536	16.6	1316	7.91	1.5
1542	16.4	1076	7.92	3
1544	16.1	1043	7.90	4.5

comments:

MONITORING WELL SAMPLING DATA

Project Name: SFOBB Oakland Touchdown	**Project Number:** E8220-06-04
Well No.: MW-1 Low	Date: 6/17/05
Well Diameter: 2 in.	Field Personnel: David Watts
Casing Length: 14.6 feet	Screened Casing Length: 5 feet
Well Elevation: feet MSL measured from	

PURGE CHARACTERISTICS	
Water Depth Before Purging: 8.05 ft.	2 in. = .1632 Gal/ft. 4 in. = .6528 Gal/ft.
Calculated Water Column Volume: 1.09 Gal.	Volumes Purged: 3+
Start Purging Time: 1345	End Purging Time: 1406
Total Time: 21 min.	Flow Gauge: to
Total Volume Purged: 3.3 Gal.	Avg. Flow Rate: .16 gpm
Water Depth After Purging: feet	Time:
Dissolved Oxygen: mg/l	Free Product: (Y/N); Thickness: inches

SAMPLING CHARACTERISTICS	
Purging Method: Waterra Valve	Sampling Method: Waterra Valve
Laboratory Analysis:	

TIME	TEMPERATURE (°C)	CONDUCTIVITY (umhos/cm)	pH	Gallons Purged
1352	22.3	436	8.78	1.1
1359	20.2	450	8.72	2.2
1406	20.4	463	8.63	3.3

comments: 1426 Sampling time.

MONITORING WELL SAMPLING DATA

Project Name: SFOBB Oakland Touchdown	**Project Number:** E8220-06-04
Well No.: MW-1 High	Date: 6/17/05
Well Diameter: 2 in.	Field Personnel: David Watts
Casing Length: 14.6 feet	Screened Casing Length: 5 feet
Well Elevation: feet MSL measured from	

PURGE CHARACTERISTICS	
Water Depth Before Purging: 7.96 ft.	2 in. = .1632 Gal/ft. 4 in. = .6528 Gal/ft.
Calculated Water Column Volume: 1.09 Gal.	Volumes Purged: 3+
Start Purging Time: 0911	End Purging Time: 0933
Total Time: 22 min.	Flow Gauge: to
Total Volume Purged: 3.3 Gal.	Avg. Flow Rate: .15 gpm
Water Depth After Purging: feet	Time:
Dissolved Oxygen: mg/l	Free Product: (Y/N); Thickness: inches

SAMPLING CHARACTERISTICS	
Purging Method: Waterra Valve	Sampling Method: Waterra Valve
Laboratory Analysis:	

TIME	TEMPERATURE (°C)	CONDUCTIVITY (umhos/cm)	pH	Gallons Purged
0920	20.4	453	8.61	1.1
0927	19.0	433	8.64	2.2
0933	19.1	435	8.60	3.3

comments: 0954 Sampling time.

APPENDIX C

February 17, 2005

RECEIVED
MAR 07 2005
By

ACCREDITED IN ACCORDANCE WITH nelac

Matt Hanko
Geocon Environmental
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 074211

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 09, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Project: SFOBB West Approach Oakland Touchdown, E
Lab Order: 074211

CASE NARRATIVE

Analytical Comments for Method 8015 (Diesel/Motor Oil)

Samples 074211-005A, 074211-010A and 074211-011A contain hydrocarbons within the diesel and motor oil range that do not match the diesel and motor oil pattern. Quantitation was based on diesel and motor oil standards.

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 2/17/2005

LEAD BY ICP
EPA 6010B

CLIENT:	Geocon Environmental	**Lab Order:**	074211
Project:	SFOBB West Approach Oakland Touchdown, E	**Date Received:**	2/9/2005 9:00:00
Project No:		**Matrix:**	Soil
PO No:		**Analyst:**	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
074211-001A	T12-0	130	mg/Kg	21268	5	1	2/8/2005	2/15/2005
074211-002A	T12-0.5	33	mg/Kg	21268	5	1	2/8/2005	2/15/2005
074211-003A	T12-1.0	27	mg/Kg	21268	5	1	2/8/2005	2/15/2005
074211-004A	T12-1.2	48	mg/Kg	21268	5	1	2/8/2005	2/15/2005
074211-005A	T17-0	890	mg/Kg	21268	5	1	2/8/2005	2/15/2005
074211-006A	T17-0.5	31	mg/Kg	21268	5	1	2/8/2005	2/15/2005
074211-010A	T23-0	170	mg/Kg	21268	5	1	2/8/2005	2/15/2005
074211-011A	T23-1.0	120	mg/Kg	21268	5	1	2/8/2005	2/15/2005
074211-012A	T23-1.5	50	mg/Kg	21268	5	1	2/8/2005	2/15/2005
074211-013A	T23-0.5	120	mg/Kg	21268	5	1	2/8/2005	2/15/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T17-0
Lab Order:	074211		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/8/2005 9:24:00 AM
Lab ID:	074211-005A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050211A QC Batch: 21260 PrepDate 2/11/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	ND	2.0		µg/Kg	1	2/11/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/11/2005
4,4´-DDT	4.6	2.0		µg/Kg	1	2/11/2005
Aldrin	ND	1.0		µg/Kg	1	2/11/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/11/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/11/2005
beta-BHC	ND	1.0		µg/Kg	1	2/11/2005
Chlordane	ND	8.5		µg/Kg	1	2/11/2005
delta-BHC	ND	1.0		µg/Kg	1	2/11/2005
Dieldrin	ND	2.0		µg/Kg	1	2/11/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/11/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/11/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/11/2005
Endrin	ND	2.0		µg/Kg	1	2/11/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/11/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/11/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/11/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/11/2005
Heptachlor	ND	1.0		µg/Kg	1	2/11/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/11/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/11/2005
Toxaphene	ND	85		µg/Kg	1	2/11/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T17-0
Lab Order:	074211		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/8/2005 9:24:00 AM
Lab ID:	074211-005A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
(EPA 3550B)				**EPA 8015B(M)**		
RunID: GC7_BACK_050210A	QC Batch: 21242			PrepDate	2/10/2005	Analyst: **CGM**
Diesel	69	5.0		mg/Kg	5	2/11/2005
Motor Oil	120	5.0		mg/Kg	5	2/11/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC4_050211A	QC Batch: 21260			PrepDate	2/11/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/12/2005
Aroclor 1221	ND	33		µg/Kg	1	2/12/2005
Aroclor 1232	ND	16		µg/Kg	1	2/12/2005
Aroclor 1242	ND	16		µg/Kg	1	2/12/2005
Aroclor 1248	ND	16		µg/Kg	1	2/12/2005
Aroclor 1254	ND	16		µg/Kg	1	2/12/2005
Aroclor 1260	35	16		µg/Kg	1	2/12/2005
Aroclor 1262	ND	16		µg/Kg	1	2/12/2005
Aroclor 1268	ND	16		µg/Kg	1	2/12/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
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R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T17-0.5
Lab Order:	074211		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/8/2005 9:47:00 AM
Lab ID:	074211-006A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
			EPA 8015B(M)			
RunID: GC2_050211A	QC Batch: E05VS038			PrepDate		Analyst: **JV**
GRO	ND	1.0		mg/Kg	1	2/11/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T18-0
Lab Order:	074211		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/8/2005 9:54:00 AM
Lab ID:	074211-007A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050214D	QC Batch: 21270			PrepDate	2/14/2005	Analyst: **RQ**
Antimony	1.6	1.0		mg/Kg	1	2/14/2005
Arsenic	ND	1.0		mg/Kg	1	2/14/2005
Barium	120	1.0		mg/Kg	1	2/14/2005
Beryllium	ND	1.0		mg/Kg	1	2/14/2005
Cadmium	1.6	1.0		mg/Kg	1	2/14/2005
Chromium	140	1.0		mg/Kg	1	2/14/2005
Cobalt	12	1.0		mg/Kg	1	2/14/2005
Copper	140	1.0		mg/Kg	1	2/14/2005
Lead	1900	1.0		mg/Kg	1	2/14/2005
Molybdenum	4.1	1.0		mg/Kg	1	2/14/2005
Nickel	130	1.0		mg/Kg	1	2/14/2005
Selenium	2.7	1.0		mg/Kg	1	2/14/2005
Silver	ND	1.0		mg/Kg	1	2/14/2005
Thallium	ND	1.0		mg/Kg	1	2/14/2005
Vanadium	29	1.0		mg/Kg	1	2/14/2005
Zinc	310	1.0		mg/Kg	1	2/14/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050214A	QC Batch: 21263			PrepDate	2/11/2005	Analyst: **JT**
Mercury	0.19	0.10		mg/Kg	1	2/14/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T18-0.5
Lab Order:	074211		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/8/2005 10:09:00 AM
Lab ID:	074211-008A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050214D	QC Batch: 21270			PrepDate	2/14/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/14/2005
Arsenic	ND	1.0		mg/Kg	1	2/14/2005
Barium	60	1.0		mg/Kg	1	2/14/2005
Beryllium	ND	1.0		mg/Kg	1	2/14/2005
Cadmium	ND	1.0		mg/Kg	1	2/14/2005
Chromium	29	1.0		mg/Kg	1	2/14/2005
Cobalt	8.7	1.0		mg/Kg	1	2/14/2005
Copper	33	1.0		mg/Kg	1	2/14/2005
Lead	220	1.0		mg/Kg	1	2/14/2005
Molybdenum	2.0	1.0		mg/Kg	1	2/14/2005
Nickel	31	1.0		mg/Kg	1	2/14/2005
Selenium	2.3	1.0		mg/Kg	1	2/14/2005
Silver	ND	1.0		mg/Kg	1	2/14/2005
Thallium	ND	1.0		mg/Kg	1	2/14/2005
Vanadium	26	1.0		mg/Kg	1	2/14/2005
Zinc	98	1.0		mg/Kg	1	2/14/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050214A	QC Batch: 21263			PrepDate	2/11/2005	Analyst: **JT**
Mercury	0.19	0.10		mg/Kg	1	2/14/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T18-1.0
Lab Order:	074211		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/8/2005 10:23:00 AM
Lab ID:	074211-009A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050214D	QC Batch: 21270			PrepDate	2/14/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/14/2005
Arsenic	ND	1.0		mg/Kg	1	2/14/2005
Barium	110	1.0		mg/Kg	1	2/14/2005
Beryllium	ND	1.0		mg/Kg	1	2/14/2005
Cadmium	ND	1.0		mg/Kg	1	2/14/2005
Chromium	47	1.0		mg/Kg	1	2/14/2005
Cobalt	9.9	1.0		mg/Kg	1	2/14/2005
Copper	21	1.0		mg/Kg	1	2/14/2005
Lead	7.4	1.0		mg/Kg	1	2/14/2005
Molybdenum	1.5	1.0		mg/Kg	1	2/14/2005
Nickel	58	1.0		mg/Kg	1	2/14/2005
Selenium	ND	1.0		mg/Kg	1	2/14/2005
Silver	ND	1.0		mg/Kg	1	2/14/2005
Thallium	ND	1.0		mg/Kg	1	2/14/2005
Vanadium	27	1.0		mg/Kg	1	2/14/2005
Zinc	49	1.0		mg/Kg	1	2/14/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050214A	QC Batch: 21263			PrepDate	2/11/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/14/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T23-0
Lab Order:	074211		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/8/2005 11:32:00 AM
Lab ID:	074211-010A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050211A QC Batch: 21260 PrepDate 2/11/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	ND	10		µg/Kg	5	2/11/2005
4,4´-DDE	ND	10		µg/Kg	5	2/11/2005
4,4´-DDT	ND	10		µg/Kg	5	2/11/2005
Aldrin	ND	5.0		µg/Kg	5	2/11/2005
alpha-BHC	ND	5.0		µg/Kg	5	2/11/2005
alpha-Chlordane	ND	5.0		µg/Kg	5	2/11/2005
beta-BHC	ND	5.0		µg/Kg	5	2/11/2005
Chlordane	ND	42		µg/Kg	5	2/11/2005
delta-BHC	ND	5.0		µg/Kg	5	2/11/2005
Dieldrin	ND	10		µg/Kg	5	2/11/2005
Endosulfan I	ND	5.0		µg/Kg	5	2/11/2005
Endosulfan II	ND	10		µg/Kg	5	2/11/2005
Endosulfan sulfate	ND	10		µg/Kg	5	2/11/2005
Endrin	ND	10		µg/Kg	5	2/11/2005
Endrin aldehyde	ND	10		µg/Kg	5	2/11/2005
Endrin ketone	ND	10		µg/Kg	5	2/11/2005
gamma-BHC	ND	5.0		µg/Kg	5	2/11/2005
gamma-Chlordane	ND	5.0		µg/Kg	5	2/11/2005
Heptachlor	ND	5.0		µg/Kg	5	2/11/2005
Heptachlor epoxide	ND	5.0		µg/Kg	5	2/11/2005
Methoxychlor	ND	42		µg/Kg	5	2/11/2005
Toxaphene	ND	420		µg/Kg	5	2/11/2005

Qualifiers:

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J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T23-0
Lab Order:	074211		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/8/2005 11:32:00 AM
Lab ID:	074211-010A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050210A	QC Batch: 21242			PrepDate	2/10/2005	Analyst: **CGM**
Diesel	71	20		mg/Kg	20	2/11/2005
Motor Oil	200	20		mg/Kg	20	2/11/2005
PCB BY GC/ECD						
	(EPA 3550B)			**EPA 8082**		
RunID: GC4_050211A	QC Batch: 21260			PrepDate	2/11/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/12/2005
Aroclor 1221	ND	33		µg/Kg	1	2/12/2005
Aroclor 1232	ND	16		µg/Kg	1	2/12/2005
Aroclor 1242	ND	16		µg/Kg	1	2/12/2005
Aroclor 1248	ND	16		µg/Kg	1	2/12/2005
Aroclor 1254	ND	16		µg/Kg	1	2/12/2005
Aroclor 1260	ND	16		µg/Kg	1	2/12/2005
Aroclor 1262	99	16		µg/Kg	1	2/12/2005
Aroclor 1268	ND	16		µg/Kg	1	2/12/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
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R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T23-1.0
Lab Order:	074211		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/8/2005 11:33:00 AM
Lab ID:	074211-011A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050211A QC Batch: 21260 PrepDate 2/11/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	ND	10		µg/Kg	5	2/11/2005
4,4´-DDE	ND	10		µg/Kg	5	2/11/2005
4,4´-DDT	ND	10		µg/Kg	5	2/11/2005
Aldrin	ND	5.0		µg/Kg	5	2/11/2005
alpha-BHC	ND	5.0		µg/Kg	5	2/11/2005
alpha-Chlordane	ND	5.0		µg/Kg	5	2/11/2005
beta-BHC	ND	5.0		µg/Kg	5	2/11/2005
Chlordane	ND	42		µg/Kg	5	2/11/2005
delta-BHC	ND	5.0		µg/Kg	5	2/11/2005
Dieldrin	ND	10		µg/Kg	5	2/11/2005
Endosulfan I	ND	5.0		µg/Kg	5	2/11/2005
Endosulfan II	ND	10		µg/Kg	5	2/11/2005
Endosulfan sulfate	ND	10		µg/Kg	5	2/11/2005
Endrin	ND	10		µg/Kg	5	2/11/2005
Endrin aldehyde	ND	10		µg/Kg	5	2/11/2005
Endrin ketone	ND	10		µg/Kg	5	2/11/2005
gamma-BHC	ND	5.0		µg/Kg	5	2/11/2005
gamma-Chlordane	ND	5.0		µg/Kg	5	2/11/2005
Heptachlor	ND	5.0		µg/Kg	5	2/11/2005
Heptachlor epoxide	ND	5.0		µg/Kg	5	2/11/2005
Methoxychlor	ND	42		µg/Kg	5	2/11/2005
Toxaphene	ND	420		µg/Kg	5	2/11/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T23-1.0
Lab Order:	074211		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/8/2005 11:33:00 AM
Lab ID:	074211-011A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050215C	QC Batch: 21277			PrepDate	2/14/2005	Analyst: **CBR**
Diesel	100	10		mg/Kg	5	2/16/2005
Motor Oil	300	10		mg/Kg	5	2/16/2005
PCB BY GC/ECD						
	(EPA 3550B)			**EPA 8082**		
RunID: GC4_050211A	QC Batch: 21260			PrepDate	2/11/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/12/2005
Aroclor 1221	ND	33		µg/Kg	1	2/12/2005
Aroclor 1232	ND	16		µg/Kg	1	2/12/2005
Aroclor 1242	ND	16		µg/Kg	1	2/12/2005
Aroclor 1248	ND	16		µg/Kg	1	2/12/2005
Aroclor 1254	ND	16		µg/Kg	1	2/12/2005
Aroclor 1260	ND	16		µg/Kg	1	2/12/2005
Aroclor 1262	32	16		µg/Kg	1	2/12/2005
Aroclor 1268	ND	16		µg/Kg	1	2/12/2005

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T23-1.0
Lab Order:	074211		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/8/2005 11:33:00 AM
Lab ID:	074211-011A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8021A

RunID: MS3_050211A QC Batch: R05VS031 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/11/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/11/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/11/2005
Benzene	ND	5.0		µg/Kg	1	2/11/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/11/2005
Bromoform	ND	5.0		µg/Kg	1	2/11/2005
Bromomethane	ND	5.0		µg/Kg	1	2/11/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/11/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
Chloroethane	ND	5.0		µg/Kg	1	2/11/2005
Chloroform	ND	5.0		µg/Kg	1	2/11/2005
Chloromethane	ND	5.0		µg/Kg	1	2/11/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/11/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/11/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/11/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/11/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/11/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/11/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/11/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/11/2005
o-Xylene	ND	5.0		µg/Kg	1	2/11/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/11/2005
Toluene	ND	5.0		µg/Kg	1	2/11/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/11/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/11/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/11/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/11/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/11/2005

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E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T23-1.5
Lab Order:	074211		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/8/2005 11:50:00 AM
Lab ID:	074211-012A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC2_050211A	QC Batch: E05VS038			PrepDate		Analyst: **JV**
GRO	ND	1.0		mg/Kg	1	2/11/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T23-0.5
Lab Order:	074211		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/8/2005 12:00:00 PM
Lab ID:	074211-013A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC2_050211A	QC Batch: E05VS038			PrepDate		Analyst: **JV**
GRO	ND	1.0		mg/Kg	1	2/11/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
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Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **MB-21270** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/14/2005** Run ID: **ICP5_050214D**
Client ID: **ZZZZZ** Batch ID: **21270** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/14/2005** SeqNo: **678925**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID **LCS-21270** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/14/2005** Run ID: **ICP5_050214D**
Client ID: **ZZZZZ** Batch ID: **21270** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/14/2005** SeqNo: **678926**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	52.37	2.0	50	0	105	80	120	0	0		
Arsenic	52.41	1.0	50	0	105	80	120	0	0		
Barium	51.45	1.0	50	0	103	80	120	0	0		
Beryllium	52.71	1.0	50	0	105	80	120	0	0		
Cadmium	51.63	1.0	50	0	103	80	120	0	0		
Chromium	50.78	1.0	50	0	102	80	120	0	0		
Cobalt	51.99	1.0	50	0	104	80	120	0	0		
Copper	51.56	2.0	50	0	103	80	120	0	0		

Qualifiers:
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R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **LCS-21270** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/14/2005** Run ID: **ICP5_050214D**
Client ID: **ZZZZZ** Batch ID: **21270** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/14/2005** SeqNo: **678926**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	51.03	1.0	50	0	102	80	120	0	0		
Molybdenum	51.31	1.0	50	0	103	80	120	0	0		
Nickel	51.76	1.0	50	0	104	80	120	0	0		
Selenium	53.32	1.0	50	0	107	80	120	0	0		
Silver	51.63	1.0	50	0	103	80	120	0	0		
Thallium	50.85	1.0	50	0	102	80	120	0	0		
Vanadium	51.42	1.0	50	0	103	80	120	0	0		
Zinc	52.37	1.0	50	0	105	80	120	0	0		

Sample ID **074211-007AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/14/2005** Run ID: **ICP5_050214D**
Client ID: **T18-0** Batch ID: **21270** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/14/2005** SeqNo: **678935**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	70.85	1.0	125	1.626	55.4	23	118	0	0		
Arsenic	106.1	1.0	125	0	84.9	64	111	0	0		
Barium	242.6	1.0	125	117.6	100	36	146	0	0		
Beryllium	107.3	1.0	125	0	85.8	50	120	0	0		
Cadmium	100.1	1.0	125	1.588	78.8	62	107	0	0		
Chromium	240.9	1.0	125	136.1	83.8	63	119	0	0		
Cobalt	112	1.0	125	11.65	80.3	63	111	0	0		
Copper	247	1.0	125	141.1	84.7	58	136	0	0		
Lead	1710	1.0	125	1870	-129	47	125	0	0		S
Molybdenum	106	1.0	125	4.1	81.5	63	116	0	0		
Nickel	178.8	1.0	125	134.4	35.5	57	116	0	0		S
Selenium	114.1	1.0	125	2.694	89.1	47	118	0	0		
Silver	104.6	1.0	125	0	83.7	48	125	0	0		
Thallium	86.49	1.0	125	0	69.2	49	116	0	0		
Vanadium	135.6	1.0	125	29.33	85	65	122	0	0		
Zinc	419.9	1.0	125	314.9	84	36	140	0	0		

Qualifiers:
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074211-007AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/14/2005** Run ID: **ICP5_050214D**
Client ID: **T18-0** Batch ID: **21270** TestNo: **EPA 6010B (EPA 3050B)** Analysis Date: **2/14/2005** SeqNo: **678936**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	70.65	1.0	125	1.626	55.2	23	118	70.85	0.288	20	
Arsenic	106.2	1.0	125	0	84.9	64	111	106.1	0.0170	20	
Barium	207.7	1.0	125	117.6	72.1	36	146	242.6	15.5	20	
Beryllium	103.3	1.0	125	0	82.6	50	120	107.3	3.81	20	
Cadmium	97.16	1.0	125	1.588	76.5	62	107	100.1	2.97	20	
Chromium	224.6	1.0	125	136.1	70.7	63	119	240.9	7.02	20	
Cobalt	107.8	1.0	125	11.65	77	63	111	112	3.81	20	
Copper	206.4	1.0	125	141.1	52.2	58	136	247	17.9	20	S
Lead	2293	1.0	125	1870	338	47	125	1710	29.1	20	SR
Molybdenum	103.3	1.0	125	4.1	79.4	63	116	106	2.58	20	
Nickel	209	1.0	125	134.4	59.7	57	116	178.8	15.6	20	
Selenium	111.6	1.0	125	2.694	87.2	47	118	114.1	2.15	20	
Silver	100.8	1.0	125	0	80.7	48	125	104.6	3.68	20	
Thallium	84.98	1.0	125	0	68	49	116	86.49	1.76	20	
Vanadium	128.1	1.0	125	29.33	79.1	65	122	135.6	5.66	20	
Zinc	386.3	1.0	125	314.9	57.2	36	140	419.9	8.33	20	

Sample ID **074211-007ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/14/2005** Run ID: **ICP5_050214D**
Client ID: **T18-0** Batch ID: **21270** TestNo: **EPA 6010B (EPA 3050B)** Analysis Date: **2/14/2005** SeqNo: **678934**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	1.626	0	20	
Arsenic	ND	1.0	0	0	0	0	0	0	0	20	
Barium	123.8	1.0	0	0	0	0	0	117.6	5.15	20	
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	1.283	1.0	0	0	0	0	0	1.588	21.2	20	R
Chromium	115.5	1.0	0	0	0	0	0	136.1	16.4	20	
Cobalt	10.34	1.0	0	0	0	0	0	11.65	11.9	20	
Copper	109.5	1.0	0	0	0	0	0	141.1	25.2	20	R
Lead	1440	1.0	0	0	0	0	0	1870	26.0	20	R

Qualifiers:
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074211-007ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/14/2005** Run ID: **ICP5_050214D**
Client ID: **T18-0** Batch ID: **21270** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/14/2005** SeqNo: **678934**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	3.104	1.0	0	0	0	0	0	4.1	27.6	20	R
Nickel	111.8	1.0	0	0	0	0	0	134.4	18.4	20	
Selenium	5.376	1.0	0	0	0	0	0	2.694	66.5	20	R
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	
Vanadium	27.5	1.0	0	0	0	0	0	29.33	6.44	20	
Zinc	279.7	1.0	0	0	0	0	0	314.9	11.8	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21268A	MBLK	6010_SPB	mg/Kg	2/15/2005	ICP5_050215B
Client ID: ZZZZZ	Batch ID: 21268	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/15/2005	SeqNo: 679225

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21268B	MBLK	6010_SPB	mg/Kg	2/15/2005	ICP5_050215B
Client ID: ZZZZZ	Batch ID: 21268	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/15/2005	SeqNo: 679243

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21268	LCS	6010_SPB	mg/Kg	2/15/2005	ICP5_050215B
Client ID: ZZZZZ	Batch ID: 21268	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/15/2005	SeqNo: 679226

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	266.2	5.0	250	0	106	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074211-013AMS	MS	6010_SPB	mg/Kg	2/15/2005	ICP5_050215B
Client ID: T23-0.5	Batch ID: 21268	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/15/2005	SeqNo: 679238

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	315	5.0	250	121.1	77.6	47	125	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-010AMS	MS	6010_SPB	mg/Kg	2/15/2005	ICP5_050215B
Client ID: ZZZZZ	Batch ID: 21268	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/15/2005	SeqNo: 679255

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	195	5.0	250	2.347	77.1	47	125	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID **074215-010AMSD** SampType: **MSD** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/15/2005** Run ID: **ICP5_050215B**
Client ID: **ZZZZZ** Batch ID: **21268** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **2/15/2005** SeqNo: **679256**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	204.4	5.0	250	2.347	80.8	47	125	195	4.70	20	

Sample ID **074211-013ADUP** SampType: **DUP** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/15/2005** Run ID: **ICP5_050215B**
Client ID: **T23-0.5** Batch ID: **21268** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **2/15/2005** SeqNo: **679237**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	121	5.0	0	0	0	0	0	121.1	0.124	20	

Sample ID **074215-010ADUP** SampType: **DUP** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/15/2005** Run ID: **ICP5_050215B**
Client ID: **ZZZZZ** Batch ID: **21268** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **2/15/2005** SeqNo: **679254**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0	0	0	0	2.347	0	20	

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DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21263	MBLK	7471_S	mg/Kg	2/11/2005	AA1_050214A
Client ID: ZZZZZ	Batch ID: 21263	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/14/2005	SeqNo: 678798

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21263	LCS	7471_S	mg/Kg	2/11/2005	AA1_050214A
Client ID: ZZZZZ	Batch ID: 21263	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/14/2005	SeqNo: 678797

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.974	0.10	2.08	0	94.9	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074211-009AMS	MS	7471_S	mg/Kg	2/11/2005	AA1_050214A
Client ID: T18-1.0	Batch ID: 21263	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/14/2005	SeqNo: 678794

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.095	0.10	0.83	0.06245	124	62	146	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074211-009AMSD	MSD	7471_S	mg/Kg	2/11/2005	AA1_050214A
Client ID: T18-1.0	Batch ID: 21263	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/14/2005	SeqNo: 678795

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.9168	0.10	0.83	0.06245	103	62	146	1.095	17.7	30	

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074211-009ADUP	DUP	7471_S	mg/Kg	2/11/2005	AA1_050214A
Client ID: T18-1.0	Batch ID: 21263	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/14/2005	SeqNo: 678793

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10	0	0	0	0	0	0.06245	0	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21242	MBLK	8015_S_DM	mg/Kg	2/10/2005	GC7_BACK_050210A
Client ID: ZZZZZ	Batch ID: 21242	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/10/2005	SeqNo: 678037

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0									
Motor Oil	ND	1.0									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21277	MBLK	8015_S_DM	mg/Kg	2/14/2005	GC7_BACK_050215C
Client ID: ZZZZZ	Batch ID: 21277	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/15/2005	SeqNo: 679536

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0									
Motor Oil	ND	1.0									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21242	LCS	8015_S_DM	mg/Kg	2/10/2005	GC7_BACK_050210A
Client ID: ZZZZZ	Batch ID: 21242	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/10/2005	SeqNo: 678038

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	22.57	1.0	33	0	68.4	44	123	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21277	LCS	8015_S_DM	mg/Kg	2/14/2005	GC7_BACK_050215C
Client ID: ZZZZZ	Batch ID: 21277	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/15/2005	SeqNo: 679537

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	24.48	1.0	33	0	74.2	44	123	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074210-006AMS	MS	8015_S_DM	mg/Kg	2/10/2005	GC7_BACK_050210A
Client ID: ZZZZZ	Batch ID: 21242	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/10/2005	SeqNo: 678043

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	42.36	1.0	33	21.59	62.9	26	106	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID **074215-014AMS** SampType: **MS** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/14/2005** Run ID: **GC7_BACK_050215C**
Client ID: **ZZZZZ** Batch ID: **21277** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/15/2005** SeqNo: **679538**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	23.6	1.0	33	0	71.5	26	106	0	0		

Sample ID **074210-006AMSD** SampType: **MSD** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/10/2005** Run ID: **GC7_BACK_050210A**
Client ID: **ZZZZZ** Batch ID: **21242** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/10/2005** SeqNo: **678044**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	35.68	1.0	33	21.59	42.7	26	106	42.36	17.1	0	

Sample ID **074215-014AMSD** SampType: **MSD** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/14/2005** Run ID: **GC7_BACK_050215C**
Client ID: **ZZZZZ** Batch ID: **21277** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/15/2005** SeqNo: **679539**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	26.04	1.0	33	0	78.9	26	106	23.6	9.80	0	

Sample ID **074210-006ADUP** SampType: **DUP** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/10/2005** Run ID: **GC7_BACK_050210A**
Client ID: **ZZZZZ** Batch ID: **21242** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/10/2005** SeqNo: **678046**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	26.99	1.0	0	0	0	0	0	21.59	22.2	30	
Motor Oil	62.95	1.0	0	0	0	0	0	52.05	19.0	30	

Sample ID **074215-001ADUP** SampType: **DUP** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/14/2005** Run ID: **GC7_BACK_050215C**
Client ID: **ZZZZZ** Batch ID: **21277** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/15/2005** SeqNo: **679541**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	12.57	1.0	0	0	0	0	0	9.682	25.9	30	
Motor Oil	23.98	1.0	0	0	0	0	0	33.8	34.0	30	R

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_GAS

Sample ID **E021105MB** SampType: **MBLK** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050211A**
Client ID: **ZZZZZ** Batch ID: **E05VS038** TestNo: **EPA 8015B(M** Analysis Date: **2/11/2005** SeqNo: **678383**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									

Sample ID **E021105LC** SampType: **LCS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050211A**
Client ID: **ZZZZZ** Batch ID: **E05VS038** TestNo: **EPA 8015B(M** Analysis Date: **2/11/2005** SeqNo: **678397**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	5.198	1.0	5	0	104	75	120	0	0		

Sample ID **074211-012AMS** SampType: **MS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050211A**
Client ID: **T23-1.5** Batch ID: **E05VS038** TestNo: **EPA 8015B(M** Analysis Date: **2/11/2005** SeqNo: **678395**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	5	0	0	33	139	0	0		S

Sample ID **074211-012AMSD** SampType: **MSD** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050211A**
Client ID: **T23-1.5** Batch ID: **E05VS038** TestNo: **EPA 8015B(M** Analysis Date: **2/11/2005** SeqNo: **678396**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	5	0	0	33	139	0	0	30	S

Sample ID **074215-013ADUP** SampType: **DUP** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050211A**
Client ID: **ZZZZZ** Batch ID: **E05VS038** TestNo: **EPA 8015B(M** Analysis Date: **2/11/2005** SeqNo: **678394**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **R050211MB2** SampType: **MBLK** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050211A**
Client ID: **ZZZZZ** Batch ID: **R05VS031** TestNo: **EPA 8021A** Analysis Date: **2/11/2005** SeqNo: **678376**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2-Chloroethyl vinyl ether	ND	5.0									
Benzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
m,p-Xylene	ND	5.0									
Methyl tert-butyl ether	ND	5.0									
Methylene chloride	ND	5.0									
o-Xylene	ND	5.0									
Tetrachloroethene	ND	5.0									

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **R050211MB2** SampType: **MBLK** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050211A**
Client ID: **ZZZZZ** Batch ID: **R05VS031** TestNo: **EPA 8021A** Analysis Date: **2/11/2005** SeqNo: **678376**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									

Sample ID **R050211LC1** SampType: **LCS** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050211A**
Client ID: **ZZZZZ** Batch ID: **R05VS031** TestNo: **EPA 8021A** Analysis Date: **2/11/2005** SeqNo: **678373**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	112	5.0	50	0	224	70	130	0	0		S
Benzene	109.6	5.0	50	0	219	70	130	0	0		S
Chlorobenzene	111	5.0	50	0	222	70	130	0	0		S
Methyl tert-butyl ether	107.6	5.0	50	0	215	70	130	0	0		S
Toluene	109.8	5.0	50	0	220	70	130	0	0		S
Trichloroethene	113.6	5.0	50	0	227	70	130	0	0		S

Sample ID **074211-011AMS** SampType: **MS** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050211A**
Client ID: **T23-1.0** Batch ID: **R05VS031** TestNo: **EPA 8021A** Analysis Date: **2/11/2005** SeqNo: **678374**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	96.25	5.0	50	0	192	70	130	0	0		S
Benzene	103.4	5.0	50	0	207	70	130	0	0		S
Chlorobenzene	100.1	5.0	50	0	200	70	130	0	0		S
Toluene	101.4	5.0	50	0	203	70	130	0	0		S
Trichloroethene	103.8	5.0	50	0	208	70	130	0	0		S

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **074211-011AMSD** SampType: **MSD** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050211A**
Client ID: **T23-1.0** Batch ID: **R05VS031** TestNo: **EPA 8021A** Analysis Date: **2/11/2005** SeqNo: **678375**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	97.9	5.0	50	0	196	70	130	96.25	1.70	26	S
Benzene	105.1	5.0	50	0	210	70	130	103.4	1.60	18	S
Chlorobenzene	98.41	5.0	50	0	197	70	130	100.1	1.71	22	S
Toluene	102.8	5.0	50	0	206	70	130	101.4	1.37	21	S
Trichloroethene	104.9	5.0	50	0	210	70	130	103.8	0.996	20	S

Sample ID **074211-011ADUP** SampType: **DUP** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050211A**
Client ID: **T23-1.0** Batch ID: **R05VS031** TestNo: **EPA 8021A** Analysis Date: **2/11/2005** SeqNo: **678378**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
2-Chloroethyl vinyl ether	ND	5.0	0	0	0	0	0	0	0	30	
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	
Bromoform	ND	5.0	0	0	0	0	0	0	0	30	
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30	
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30	
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30	
Chloroform	ND	5.0	0	0	0	0	0	0	0	30	
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **074211-011ADUP** SampType: **DUP** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050211A**
Client ID: **T23-1.0** Batch ID: **R05VS031** TestNo: **EPA 8021A** Analysis Date: **2/11/2005** SeqNo: **678378**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30	
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30	
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30	
Methyl tert-butyl ether	ND	5.0	0	0	0	0	0	0	0	30	
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30	
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30	
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30	
Toluene	ND	5.0	0	0	0	0	0	0	0	30	
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
trans-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30	
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **MB-21260** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC9_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **679428**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	2.0									
4,4'-DDE	ND	2.0									
4,4'-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID **LCS-21260** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC9_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **679429**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	19.1	2.0	16.65	0	115	66	136	0	0		
Aldrin	18.38	1.0	16.65	0	110	85	134	0	0		
Dieldrin	17.98	2.0	16.65	0	108	82	128	0	0		

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **LCS-21260** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC9_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **679429**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endrin	23.02	2.0	16.65	0	138	77	139	0	0		
gamma-BHC	18.93	1.0	16.65	0	114	82	139	0	0		
Heptachlor	19.52	1.0	16.65	0	117	68	152	0	0		

Sample ID **074215-001AMS** SampType: **MS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC9_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **679430**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	17.42	2.0	16.65	0	105	48	150	0	0		
Aldrin	16.88	1.0	16.65	0	101	78	136	0	0		
Dieldrin	16.22	2.0	16.65	0	97.4	72	136	0	0		
Endrin	22.68	2.0	16.65	0	136	74	150	0	0		
gamma-BHC	16.98	1.0	16.65	0	102	76	138	0	0		
Heptachlor	17.68	1.0	16.65	0	106	71	149	0	0		

Sample ID **074215-001AMSD** SampType: **MSD** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC9_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **679431**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	16.22	2.0	16.65	0	97.4	48	150	17.42	7.14	30	
Aldrin	15.6	1.0	16.65	0	93.7	78	136	16.88	7.90	30	
Dieldrin	15.13	2.0	16.65	0	90.9	72	136	16.22	6.91	30	
Endrin	21.32	2.0	16.65	0	128	74	150	22.68	6.21	30	
gamma-BHC	15.83	1.0	16.65	0	95.1	76	138	16.98	7.01	30	
Heptachlor	16.48	1.0	16.65	0	99	71	149	17.68	7.02	30	

Sample ID **074215-018ADUP** SampType: **DUP** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC9_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **679440**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO-Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **074215-018ADUP** SampType: **DUP** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC9_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **679440**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	10	0	0	0	0	0	6.417	0	30	
4,4´-DDE	ND	10	0	0	0	0	0	0	0	30	
4,4´-DDT	12.42	10	0	0	0	0	0	11.75	5.52	30	
Aldrin	ND	5.0	0	0	0	0	0	0	0	30	
alpha-BHC	ND	5.0	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	5.0	0	0	0	0	0	0	0	30	
beta-BHC	ND	5.0	0	0	0	0	0	0	0	30	
Chlordane	ND	42	0	0	0	0	0	0	0	30	
delta-BHC	ND	5.0	0	0	0	0	0	0	0	30	
Dieldrin	ND	10	0	0	0	0	0	0	0	30	
Endosulfan I	ND	5.0	0	0	0	0	0	0	0	30	
Endosulfan II	ND	10	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	10	0	0	0	0	0	0	0	30	
Endrin	ND	10	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	10	0	0	0	0	0	0	0	30	
Endrin ketone	ND	10	0	0	0	0	0	0	0	30	
gamma-BHC	ND	5.0	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	5.0	0	0	0	0	0	0	0	30	
Heptachlor	ND	5.0	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	5.0	0	0	0	0	0	0	0	30	
Methoxychlor	ND	42	0	0	0	0	0	0	0	30	
Toxaphene	ND	420	0	0	0	0	0	0	0	30	

Qualifiers:
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **MB-21260** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC4_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **678602**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **MB-21260** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC4_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/12/2005** SeqNo: **678653**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **MB-21260** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC5_050214B**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/14/2005** SeqNo: **679336**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									

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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **MB-21260** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC5_050214B**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/14/2005** SeqNo: **679336**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **LCSA-21260** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC4_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **678603**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	162.9	16	166.6	0	97.7	67	120	0	0		
Aroclor 1260	195.5	16	166.6	0	117	76	127	0	0		

Sample ID **LCSA-21260** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC4_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/12/2005** SeqNo: **678654**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	163.1	16	166.6	0	97.9	67	120	0	0		
Aroclor 1260	181.8	16	166.6	0	109	76	127	0	0		

Sample ID **LCSA-21260** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC5_050214B**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/14/2005** SeqNo: **679337**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	163.8	16	166.6	0	98.3	67	120	0	0		
Aroclor 1260	193.4	16	166.6	0	116	76	127	0	0		

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **074215-012AMSA** SampType: **MS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC4_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **678604**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	159.2	16	166.6	0	95.5	71	123	0	0		
Aroclor 1260	191.7	16	166.6	0	115	72	122	0	0		

Sample ID **074215-012AMSDA** SampType: **MSD** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC4_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **678605**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	159.1	16	166.6	0	95.5	71	123	159.2	0.0681	30	
Aroclor 1260	189.4	16	166.6	0	114	72	122	191.7	1.21	30	

Sample ID **074215-018ADUP** SampType: **DUP** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC4_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/12/2005** SeqNo: **679300**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1260	117.1	16	0	0	0	0	0	94.38	21.5	30	
Aroclor 1262	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	16	0	0	0	0	0	0	0	30	

Qualifiers:
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: N
Logged By: _____ Date: 2/9

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED 6.4 Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON
Attn: MATT HANKO
Address: 2356 Research Drive
City: LIVERMORE State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (") 371-5915

Project Name: SFDBB WEST approach/OAKLAND touchdown
Project #: E8220-06-04
Sampler: (Printed Name) Matt Hanko (Signature) [signature]

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
[signature]	2-8-05	1730	GSO	2-8-05	1730

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: _____ Print Name _____ Date _____ Signature

Send Report To: Attn: _____ Co: See page 1 Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: See page 1 Address _____ City _____ State _____ Zip _____

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) BTEX	8015B (DRO) & TPH-MO	LEAD	AHVOCs by 8021B	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	07421 - 01	T12 - 0	2/8	8:43								X		X				E		J G	a	
	- 02	T12 - 0.5		8:54								X		X								
	- 03	T12 - 1.0		9:04								X		X								
	- 04	T12 - 1.2		9:06								X		X								
	- 05	T17 - 0		9:24	X	X				X		X		X						T M		
	- 06	T17 - 0.5		9:47					X			X		X						T M		
	- 07	T18 - 0		9:54				X				X	No	X						J G		
	- 08	T18 - 0.5		10:09				X				X	No	X						J G		
	- 09	T18 - 1.0		10:23				X				X	No	X						J G		
		~~T23 - 0~~		~~10:50~~									No									

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

- TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: W Date: 2/9

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON
Attn: MATT HANKO
Address: 2356 RESEARCH DRIVE
City LIVERMORE State CA Zip Code 94550
TEL: (925) 371-5900
FAX: (") 371-5915

Project Name: SFOBB-WEST APPROACH OAKLAND TOUCHDOWN
Project #: E8220-06-04
Sampler: (Printed Name) Matt Hanko (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 2-8-05 Time: 1730 Received by: (Signature and Printed Name) GSO Date: 2-8-05 Time: 1730
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co: See page 1
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) ABTEX	8015B (DRO) + TPH mo	LEAD	AHVOC, by 8021B	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	07A211 -010	T23-0	2/8	11:32	X	X					X	X		X				E		TM	C	
	-011	T23-1.0		11:33	X	X					X	X	X	X						TM		
	-012	T23-1.5		11:50						X		X		X						JG		
	-013	T23-0.5		12:00						X		X		X						TM		

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

- TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Wednesday, February 09, 2005 2:07 PM
To: Galvan, Diane
Subject: SFOBB West Approach Oakland Touch Down

Diane:

Subject: SFOBB West Approach Oakland Touch Down Project (Geocon Project No. E8022-06-04).

Please analyze the AHVOCs by 8260 and report only the 8021 listed chemicals.

Thank you,

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

March 03, 2005

RECEIVED
MAR 10 2005
By

ACCREDITED IN ACCORDANCE WITH nelac

Matt Hanko
Geocon Environmental
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5590
FAX: (925) 371-5915

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 074211

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 09, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 3/3/2005

LEAD BY ATOMIC ABSORPTION WET/ EPA 7420

CLIENT:	Geocon Environmental	**Lab Order:**	074211
Project:	SFOBB West Approach Oakland Touchdown, E	**Date Received:**	2/9/2005 9:00:00
Project No:		**Matrix:**	Soil
PO No:		**Analyst:**	MJM

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
074211-001A	T12-0	5.2	mg/L	R47123	0.25	1	2/8/2005	3/1/2005
074211-005A	T17-0	7.8	mg/L	R47123	0.25	1	2/8/2005	3/1/2005
074211-008A	T18-0.5	5.9	mg/L	R47123	0.25	1	2/8/2005	3/1/2005
074211-011A	T23-1.0	9.6	mg/L	R47123	0.25	1	2/8/2005	3/1/2005
074211-012A	T23-1.5	4.2	mg/L	R47123	0.25	1	2/8/2005	3/1/2005
074211-013A	T23-0.5	9.4	mg/L	R47123	0.25	1	2/8/2005	3/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 3/3/2005

LEAD BY ATOMIC ABSORPTION
EPA 1311/ 7420

CLIENT:	Geocon Environmental	**Lab Order:**	074211
Project:	SFOBB West Approach Oakland Touchdown, E	**Date Received:**	2/9/2005 9:00:00
Project No:		**Matrix:**	Soil
PO No:		**Analyst:**	MJM

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
074211-007A	T18-0	4.2	mg/L	21485	0.25	1	2/8/2005	3/3/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
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Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *03-Mar-05*

CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID **MB-21468** SampType: **MBLK** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301B**
Client ID: **ZZZZZ** Batch ID: **R47123** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688874**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID **MB-21468A** SampType: **MBLK** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301B**
Client ID: **ZZZZZ** Batch ID: **R47123** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688875**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID **MB-21468B** SampType: **MBLK** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301B**
Client ID: **ZZZZZ** Batch ID: **R47123** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688888**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID **LCS-21468** SampType: **LCS** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301B**
Client ID: **ZZZZZ** Batch ID: **R47123** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688902**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.252	0.25	5	0	105	80	120	0	0		

Sample ID **074211-001AMS** SampType: **MS** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301B**
Client ID: **T12-0** Batch ID: **R47123** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688887**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10.34	0.50	5	5.227	102	70	130	0	0		

Qualifiers:
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J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID **074215-008AMS** SampType: **MS** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301B**
Client ID: **ZZZZZ** Batch ID: **R47123** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688900**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	13.66	1.2	5	8.968	93.9	70	130	0	0		

Sample ID **074215-008AMSD** SampType: **MSD** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301B**
Client ID: **ZZZZZ** Batch ID: **R47123** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688901**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	13.63	1.2	5	8.968	93.3	70	130	13.66	0.213	20	

Sample ID **074211-001ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301B**
Client ID: **T12-0** Batch ID: **R47123** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688886**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.151	0.25	0	0	0	0	0	5.227	31.1	20	R

Sample ID **074215-008ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301B**
Client ID: **ZZZZZ** Batch ID: **R47123** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688899**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	11.17	0.50	0	0	0	0	0	8.968	21.9	20	R

Qualifiers:
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_TC

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21485	MBLK	7420_TC	mg/L		AA2_050303C
Client ID: ZZZZZ	Batch ID: 21485	TestNo: EPA 1311/ 74 (EPA 3010A)		Analysis Date: 3/3/2005	SeqNo: 690169

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21472A TCLP	MBLK	7420_TC	mg/L	2/25/2005	AA2_050303C
Client ID: ZZZZZ	Batch ID: 21485	TestNo: EPA 1311/ 74 (EPA 3010A)		Analysis Date: 3/3/2005	SeqNo: 690170

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21485	LCS	7420_TC	mg/L	2/25/2005	AA2_050303C
Client ID: ZZZZZ	Batch ID: 21485	TestNo: EPA 1311/ 74 (EPA 3010A)		Analysis Date: 3/3/2005	SeqNo: 690171

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.063	0.25	1	0	106	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-001AMS	MS	7420_TC	mg/L	2/25/2005	AA2_050303C
Client ID: ZZZZZ	Batch ID: 21485	TestNo: EPA 1311/ 74 (EPA 3010A)		Analysis Date: 3/3/2005	SeqNo: 690179

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.718	0.25	2.5	0.09298	105	70	130	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-001ADUP	DUP	7420_TC	mg/L	2/25/2005	AA2_050303C
Client ID: ZZZZZ	Batch ID: 21485	TestNo: EPA 1311/ 74 (EPA 3010A)		Analysis Date: 3/3/2005	SeqNo: 690178

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25	0	0	0	0	0	0.09298	0	20	

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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Thursday, February 24, 2005 4:49 PM
To: Galvan, Diane
Subject: Additional Analysis SFOBB Oakland Touch Down

Diane:

> Please analyze the following samples for lead using the WET:

>Lab Project No. 074215

> T1-0.5 (002)
> T2-0.5 (005)
> T4-0 (006)
> T4-0.5 (007)
> T5-0 (015)
> T5-0.5 (016)
> T6-0 (008)
> T7-0 (012)
> T11-0 (018)

Lab Project No. 074211

> T12-0 (001)
> T17-0 (005)
> T18-0.5 (008)
> T23-0.5 (013)
> T23-1.0 (011)
> T23-1.5 (012)
>
>Please analyze the following samples for lead using the TCLP:
>
> T1-1.0 (074215-001)
> T18-0 (074211-007)
>
> Thank you,
>
> >
> Matt Hanko
> Senior Project Scientist
> (925)371-5900 ext 203
> (925) 785-5021 cell
> hanko@geoconinc.com(See attached file: E8220-06-04 Report TABLES.xls)
>

March 22, 2005

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Matt Hanko
Geocon Environmental
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

Workorder No.: 074211

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 09, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

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Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *22-Mar-05*

CLIENT: Geocon Environmental
Project: SFOBB West Approach Oakland Touchdown, E
Lab Order: 074211

Lab ID: 074211-007 **Collection Date:** 2/8/2005 9:54:00 AM
Client Sample ID: T18-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC				**WET/ EPA 6010B**		
RunID: ICP6_050318E	QC Batch: R47950			PrepDate		Analyst: **RQ**
Chromium	1.2	1.0		mg/L	20	3/18/2005

Lab ID: 074211-010 **Collection Date:** 2/8/2005 11:32:00 AM
Client Sample ID: T23-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC				**WET/ EPA 6010B**		
RunID: ICP6_050318E	QC Batch: R47950			PrepDate		Analyst: **RQ**
Lead	9.2	1.0		mg/L	20	3/18/2005

Qualifiers:

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DO - Surrogate Diluted Out
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R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Sample exceding holding time

Results are wet unless othewise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *22-Mar-05*

CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_ST

Sample ID **MB-21782A** SampType: **MBLK** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050318E**
Client ID: **ZZZZZ** Batch ID: **R47950** TestNo: **WET/ EPA 60** Analysis Date: **3/18/2005** SeqNo: **702239**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	ND	0.050									
Lead	ND	0.050									

Sample ID **LCS-21872** SampType: **LCS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050318E**
Client ID: **ZZZZZ** Batch ID: **R47950** TestNo: **WET/ EPA 60** Analysis Date: **3/18/2005** SeqNo: **702245**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	0.9797	0.050	1	0	98	85	115	0	0		
Lead	0.9667	0.050	1	0	96.7	85	115	0	0		

Sample ID **074211-010AMS** SampType: **MS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050318E**
Client ID: **T23-0** Batch ID: **R47950** TestNo: **WET/ EPA 60** Analysis Date: **3/18/2005** SeqNo: **702243**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	2.626	1.0	2.5	0.2076	96.7	72	123	0	0		
Lead	11.27	1.0	2.5	9.227	81.8	67	120	0	0		

Sample ID **074211-010AMSD** SampType: **MSD** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050318E**
Client ID: **T23-0** Batch ID: **R47950** TestNo: **WET/ EPA 60** Analysis Date: **3/18/2005** SeqNo: **702244**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	2.42	1.0	2.5	0.2076	88.5	72	123	2.626	8.17	20	
Lead	10.82	1.0	2.5	9.227	63.6	67	120	11.27	4.14	20	S

Sample ID **074211-010ADUP** SampType: **DUP** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050318E**
Client ID: **T23-0** Batch ID: **R47950** TestNo: **WET/ EPA 60** Analysis Date: **3/18/2005** SeqNo: **702242**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
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R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_ST

Sample ID **074211-010ADUP** SampType: **DUP** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050318E**
Client ID: **T23-0** Batch ID: **R47950** TestNo: **WET/ EPA 60** Analysis Date: **3/18/2005** SeqNo: **702242**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	ND	1.0	0	0	0	0	0	0.2076	0	20	
Lead	9.196	1.0	0	0	0	0	0	9.227	0.340	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
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DO- Surrogate dilute out
H - Sample exceeded holding time

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Monday, March 14, 2005 7:56 AM
To: Galvan, Diane
Subject: Additional Analysis

Diane:

RE: Lab Project No. 074211

Sample T23-0 (010) run soluble lead by WET

Sample T18-0 (007) run soluble chromium by WET

Thank you,

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

April 05, 2005

RECEIVED
APR 15 2005
By

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Matt Hanko
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

Workorder No.: 074211

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 09, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

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Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *05-Apr-05*

CLIENT: Geocon Consultants, Inc. **Lab Order:** 074211
Project: SFOBB West Approach Oakland Touchdown, E

Lab ID: 074211-001 **Collection Date:** 2/8/2005 8:43:00 AM
Client Sample ID: T12-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050401A QC Batch: 22096 PrepDate 3/31/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/1/2005

Lab ID: 074211-005 **Collection Date:** 2/8/2005 9:24:00 AM
Client Sample ID: T17-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050401A QC Batch: 22096 PrepDate 3/31/2005 Analyst: RQ						
Lead	2.5	1.0		mg/L	20	4/1/2005

Lab ID: 074211-008 **Collection Date:** 2/8/2005 10:09:00 AM
Client Sample ID: T18-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050401A QC Batch: 22096 PrepDate 3/31/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/1/2005

Lab ID: 074211-010 **Collection Date:** 2/8/2005 11:32:00 AM
Client Sample ID: T23-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050401A QC Batch: 22096 PrepDate 3/31/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Sample exceding holding time

Results are wet unless othewise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *05-Apr-05*

CLIENT: Geocon Consultants, Inc. **Lab Order:** 074211
Project: SFOBB West Approach Oakland Touchdown, E

Lab ID: 074211-011 **Collection Date:** 2/8/2005 11:33:00 AM
Client Sample ID: T23-1.0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP						
	(EPA 3010A)			**EPA 1311/ 6010B**		
RunID: ICP6_050401A	QC Batch: 22096				PrepDate 3/31/2005	Analyst: **RQ**
Lead	1.1	1.0		mg/L	20	4/1/2005

Lab ID: 074211-013 **Collection Date:** 2/8/2005 12:00:00 PM
Client Sample ID: T23-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP						
	(EPA 3010A)			**EPA 1311/ 6010B**		
RunID: ICP6_050401A	QC Batch: 22096				PrepDate 3/31/2005	Analyst: **RQ**
Lead	ND	1.0		mg/L	20	4/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Sample exceding holding time

Results are wet unless othewise specified

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *05-Apr-05*

CLIENT: Geocon Consultants, Inc.
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_TC

Sample ID **MB-22096A** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711601**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **MB-22088A TCLP** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711602**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050	0	0	0	0	0	0	0		

Sample ID **MB-22096B** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711616**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **MB-22088B TCLP** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711617**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050	0	0	0	0	0	0	0		

Sample ID **LCS-22096** SampType: **LCS** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711603**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.9323	0.050	1	0	93.2	85	115	0	0		

Qualifiers:
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R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074211
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_TC

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-008AMS	MS	6010_TC	mg/L	3/31/2005	ICP6_050401A
Client ID: ZZZZZ	Batch ID: 22096	TestNo: EPA 1311/ 60 (EPA 3010A)		Analysis Date: 4/1/2005	SeqNo: 711615

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.225	1.0	2.5	0	89	67	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074901-047AMS	MS	6010_TC	mg/L	3/31/2005	ICP6_050401A
Client ID: ZZZZZ	Batch ID: 22096	TestNo: EPA 1311/ 60 (EPA 3010A)		Analysis Date: 4/1/2005	SeqNo: 711628

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.852	1.0	2.5	1.28	103	67	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-008ADUP	DUP	6010_TC	mg/L	3/31/2005	ICP6_050401A
Client ID: ZZZZZ	Batch ID: 22096	TestNo: EPA 1311/ 60 (EPA 3010A)		Analysis Date: 4/1/2005	SeqNo: 711614

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	1.0	0	0	0	0	0	0	0	20	

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074901-047ADUP	DUP	6010_TC	mg/L	3/31/2005	ICP6_050401A
Client ID: ZZZZZ	Batch ID: 22096	TestNo: EPA 1311/ 60 (EPA 3010A)		Analysis Date: 4/1/2005	SeqNo: 711627

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.437	1.0	0	0	0	0	0	1.28	11.5	20	

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Friday, March 25, 2005 4:54 PM
To: Galvan, Diane
Subject: Additional Analysis - Oakland Touch Down

Diane:

RE: Addtional analysis for multiple Lab Project Nos.

Lab Project No. 74546
Please run WET for lead on the following:

Sample ID	Sample No.
T9-0.5	6
T10-0	10
T13-0	14
T14-0	19
T15-1.0	24
T16-0	27
T16-0.5	28
T19-0	29
T19-0.5	30
T19-1.5	32
T20-1.5	36
T21-0.5	38

Please run TCLP for lead on the following:

Lab Project No. 74546

T9-0	5
T15-0.5	23
T20-0	33

Lab Project No. 74484

PG1-0	4
PG1-1.5	5
PG1-3	7
PG1-4.5	6
PG4-1.5	2
PG4-4.5	3
S1-0.5	38
S2-0	45
S2-0.5	41
S2-1.0	40

S3-0	27
S3-0.5	31
S3-1.0	26
S4-0	22
T1-1.5	49

Lab Project No. 74215:

T1-05	2
T2-0.5	5
T4-0.5	7
T5-O.5	16
T6-0	8
T11-0	18

Lab Project No. 74211:

T12-0	1
T17-0	5
T18-0.5	8
T23-0	10
T23-0.5	13
T23-1.0	11

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

February 17, 2005

RECEIVED
MAR 07 2005
By

ACCREDITED IN ACCORDANCE WITH nelac

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Matt Hanko
Geocon Environmental
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

Workorder No.: 074215

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 09, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Project: SFOBB West Approach Oakland Touchdown, E
Lab Order: 074215

CASE NARRATIVE

Analytical Comments for Method 8015 (Diesel/Motor Oil)

Samples 074215-001A, 074215-003A, 074215-012A, 074215-015A, 074215-017A, 074215-018A and 074215-020A contain hydrocarbons within the diesel/motor oil range that do not match the diesel/motor oil pattern. Quantitation was based on a diesel/motor oil standard.

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 2/17/2005

LEAD BY ICP
EPA 6010B

CLIENT:	Geocon Environmental	**Lab Order:**	074215
Project:	SFOBB West Approach Oakland Touchdown, E	**Date Received:**	2/9/2005 9:00:00
Project No:		**Matrix:**	Soil
PO No:		**Analyst:**	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
074215-001A	T1-0	7.8	mg/Kg	21268	5	1	2/7/2005	2/15/2005
074215-002A	T1-0.5	350	mg/Kg	21268	5	1	2/7/2005	2/15/2005
074215-003A	T1-1.0	1100	mg/Kg	21268	5	1	2/7/2005	2/15/2005
074215-004A	T2-0	7.6	mg/Kg	21268	5	1	2/7/2005	2/15/2005
074215-005A	T2-0.5	93	mg/Kg	21268	5	1	2/7/2005	2/15/2005
074215-006A	T4-0	91	mg/Kg	21268	5	1	2/7/2005	2/15/2005
074215-007A	T4-0.5	53	mg/Kg	21268	5	1	2/7/2005	2/15/2005
074215-008A	T6-0	150	mg/Kg	21268	5	1	2/7/2005	2/15/2005
074215-009A	T6-0.5	16	mg/Kg	21268	5	1	2/7/2005	2/15/2005
074215-010A	T6-1.0	ND	mg/Kg	21268	5	1	2/7/2005	2/15/2005
074215-011A	T6-1.5	12	mg/Kg	21269	5	1	2/7/2005	2/15/2005

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 2/17/2005

LEAD BY ICP
EPA 6010B

CLIENT:	Geocon Environmental	**Lab Order:**	074215
Project:	SFOBB West Approach Oakland Touchdown, E	**Date Received:**	2/9/2005 9:00:00
Project No:		**Matrix:**	Soil
PO No:		**Analyst:**	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
074215-012A	T7-0	80	mg/Kg	21269	5	1	2/7/2005	2/15/2005
074215-013A	T7-0.5	ND	mg/Kg	21269	5	1	2/7/2005	2/15/2005
074215-014A	T7-1.0	ND	mg/Kg	21269	5	1	2/7/2005	2/15/2005
074215-015A	T5-0	58	mg/Kg	21269	5	1	2/7/2005	2/15/2005
074215-016A	T5-0.5	53	mg/Kg	21269	5	1	2/7/2005	2/15/2005
074215-017A	T5-1.0	32	mg/Kg	21269	5	1	2/7/2005	2/15/2005
074215-018A	T11-0	260	mg/Kg	21269	5	1	2/7/2005	2/15/2005
074215-019A	T11-0.5	39	mg/Kg	21269	5	1	2/7/2005	2/15/2005
074215-020A	T11-1.0	ND	mg/Kg	21269	5	1	2/7/2005	2/15/2005
074215-021A	T11-1.3	16	mg/Kg	21269	5	1	2/7/2005	2/15/2005
074215-022A	T7-1.5	ND	mg/Kg	21269	5	1	2/7/2005	2/15/2005

Qualifiers:

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E - Value above quantitation range
Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T1-0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 10:45:00 AM
Lab ID:	074215-001A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050211A QC Batch: 21260 PrepDate 2/11/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	ND	2.0		µg/Kg	1	2/11/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/11/2005
4,4´-DDT	ND	2.0		µg/Kg	1	2/11/2005
Aldrin	ND	1.0		µg/Kg	1	2/11/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/11/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/11/2005
beta-BHC	ND	1.0		µg/Kg	1	2/11/2005
Chlordane	ND	8.5		µg/Kg	1	2/11/2005
delta-BHC	ND	1.0		µg/Kg	1	2/11/2005
Dieldrin	ND	2.0		µg/Kg	1	2/11/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/11/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/11/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/11/2005
Endrin	ND	2.0		µg/Kg	1	2/11/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/11/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/11/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/11/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/11/2005
Heptachlor	ND	1.0		µg/Kg	1	2/11/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/11/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/11/2005
Toxaphene	ND	85		µg/Kg	1	2/11/2005

Qualifiers:

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DO - Surrogate Diluted Out
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H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T1-0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 10:45:00 AM
Lab ID:	074215-001A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
(EPA 3550B)				**EPA 8015B(M)**		
RunID: GC7_BACK_050215C	QC Batch: 21277			PrepDate	2/14/2005	Analyst: **CBR**
Diesel	9.7	1.0		mg/Kg	1	2/16/2005
Motor Oil	34	1.0		mg/Kg	1	2/16/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC4_050211A	QC Batch: 21260			PrepDate	2/11/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/12/2005
Aroclor 1221	ND	33		µg/Kg	1	2/12/2005
Aroclor 1232	ND	16		µg/Kg	1	2/12/2005
Aroclor 1242	ND	16		µg/Kg	1	2/12/2005
Aroclor 1248	ND	16		µg/Kg	1	2/12/2005
Aroclor 1254	ND	16		µg/Kg	1	2/12/2005
Aroclor 1260	ND	16		µg/Kg	1	2/12/2005
Aroclor 1262	ND	16		µg/Kg	1	2/12/2005
Aroclor 1268	ND	16		µg/Kg	1	2/12/2005

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T1-0.5
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 10:49:00 AM
Lab ID:	074215-002A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC2_050211A	QC Batch: E05VS038			PrepDate		Analyst: **JV**
GRO	ND	1.0		mg/Kg	1	2/11/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T1-1.0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 11:03:00 AM
Lab ID:	074215-003A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050216A QC Batch: 21276 PrepDate 2/14/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	ND	2.0		µg/Kg	1	2/16/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/16/2005
4,4´-DDT	2.9	2.0		µg/Kg	1	2/16/2005
Aldrin	ND	1.0		µg/Kg	1	2/16/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/16/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/16/2005
beta-BHC	ND	1.0		µg/Kg	1	2/16/2005
Chlordane	ND	8.5		µg/Kg	1	2/16/2005
delta-BHC	ND	1.0		µg/Kg	1	2/16/2005
Dieldrin	ND	2.0		µg/Kg	1	2/16/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/16/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/16/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/16/2005
Endrin	ND	2.0		µg/Kg	1	2/16/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/16/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/16/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/16/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/16/2005
Heptachlor	ND	1.0		µg/Kg	1	2/16/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/16/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/16/2005
Toxaphene	ND	85		µg/Kg	1	2/16/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T1-1.0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 11:03:00 AM
Lab ID:	074215-003A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
(EPA 3550B)				**EPA 8015B(M)**		
RunID: GC7_BACK_050215C	QC Batch: 21277			PrepDate	2/14/2005	Analyst: **CBR**
Diesel	15	1.0		mg/Kg	1	2/16/2005
Motor Oil	51	1.0		mg/Kg	1	2/16/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC5_050215A	QC Batch: 21276			PrepDate	2/14/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/15/2005
Aroclor 1221	ND	33		µg/Kg	1	2/15/2005
Aroclor 1232	ND	16		µg/Kg	1	2/15/2005
Aroclor 1242	ND	16		µg/Kg	1	2/15/2005
Aroclor 1248	ND	16		µg/Kg	1	2/15/2005
Aroclor 1254	ND	16		µg/Kg	1	2/15/2005
Aroclor 1260	ND	16		µg/Kg	1	2/15/2005
Aroclor 1262	ND	16		µg/Kg	1	2/15/2005
Aroclor 1268	ND	16		µg/Kg	1	2/15/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T1-1.0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 11:03:00 AM
Lab ID:	074215-003A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8021A

RunID: MS3_050211A QC Batch: R05VS031 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/11/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/11/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/11/2005
Benzene	ND	5.0		µg/Kg	1	2/11/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/11/2005
Bromoform	ND	5.0		µg/Kg	1	2/11/2005
Bromomethane	ND	5.0		µg/Kg	1	2/11/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/11/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
Chloroethane	ND	5.0		µg/Kg	1	2/11/2005
Chloroform	ND	5.0		µg/Kg	1	2/11/2005
Chloromethane	ND	5.0		µg/Kg	1	2/11/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/11/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/11/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/11/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/11/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/11/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/11/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/11/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/11/2005
o-Xylene	ND	5.0		µg/Kg	1	2/11/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/11/2005
Toluene	ND	5.0		µg/Kg	1	2/11/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/11/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/11/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/11/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/11/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/11/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T7-0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 12:51:00 AM
Lab ID:	074215-012A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050211A QC Batch: 21260 PrepDate 2/11/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	ND	2.0		µg/Kg	1	2/11/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/11/2005
4,4´-DDT	2.8	2.0		µg/Kg	1	2/11/2005
Aldrin	ND	1.0		µg/Kg	1	2/11/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/11/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/11/2005
beta-BHC	ND	1.0		µg/Kg	1	2/11/2005
Chlordane	ND	8.5		µg/Kg	1	2/11/2005
delta-BHC	ND	1.0		µg/Kg	1	2/11/2005
Dieldrin	ND	2.0		µg/Kg	1	2/11/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/11/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/11/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/11/2005
Endrin	ND	2.0		µg/Kg	1	2/11/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/11/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/11/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/11/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/11/2005
Heptachlor	ND	1.0		µg/Kg	1	2/11/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/11/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/11/2005
Toxaphene	ND	85		µg/Kg	1	2/11/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T7-0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 12:51:00 AM
Lab ID:	074215-012A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
(EPA 3550B)				**EPA 8015B(M)**		
RunID: GC7_BACK_050215C	QC Batch: 21277			PrepDate	2/14/2005	Analyst: **CBR**
Diesel	16	1.0		mg/Kg	1	2/16/2005
Motor Oil	64	1.0		mg/Kg	1	2/16/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC4_050211A	QC Batch: 21260			PrepDate	2/11/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/11/2005
Aroclor 1221	ND	33		µg/Kg	1	2/11/2005
Aroclor 1232	ND	16		µg/Kg	1	2/11/2005
Aroclor 1242	ND	16		µg/Kg	1	2/11/2005
Aroclor 1248	ND	16		µg/Kg	1	2/11/2005
Aroclor 1254	ND	16		µg/Kg	1	2/11/2005
Aroclor 1260	ND	16		µg/Kg	1	2/11/2005
Aroclor 1262	ND	16		µg/Kg	1	2/11/2005
Aroclor 1268	ND	16		µg/Kg	1	2/11/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T7-0.5
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 12:57:00 AM
Lab ID:	074215-013A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC2_050211A	QC Batch: E05VS038			PrepDate		Analyst: **JV**
GRO	ND	1.0		mg/Kg	1	2/11/2005

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- DO - Surrogate Diluted Out
- S - Spike/Surrogate outside of limits due to matrix interfere
- H - Sample exceeded analytical holding time
- E - Value above quantitation range
- R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T7-1.0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 12:58:00 AM
Lab ID:	074215-014A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050216A QC Batch: 21276 PrepDate 2/14/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	ND	2.0		µg/Kg	1	2/16/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/16/2005
4,4´-DDT	ND	2.0		µg/Kg	1	2/16/2005
Aldrin	ND	1.0		µg/Kg	1	2/16/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/16/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/16/2005
beta-BHC	ND	1.0		µg/Kg	1	2/16/2005
Chlordane	ND	8.5		µg/Kg	1	2/16/2005
delta-BHC	ND	1.0		µg/Kg	1	2/16/2005
Dieldrin	ND	2.0		µg/Kg	1	2/16/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/16/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/16/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/16/2005
Endrin	ND	2.0		µg/Kg	1	2/16/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/16/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/16/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/16/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/16/2005
Heptachlor	ND	1.0		µg/Kg	1	2/16/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/16/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/16/2005
Toxaphene	ND	85		µg/Kg	1	2/16/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T7-1.0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 12:58:00 AM
Lab ID:	074215-014A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
(EPA 3550B)				**EPA 8015B(M)**		
RunID: GC7_BACK_050215C	QC Batch: 21277			PrepDate	2/14/2005	Analyst: **CBR**
Diesel	ND	1.0		mg/Kg	1	2/15/2005
Motor Oil	ND	1.0		mg/Kg	1	2/15/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC5_050215A	QC Batch: 21276			PrepDate	2/14/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/15/2005
Aroclor 1221	ND	33		µg/Kg	1	2/15/2005
Aroclor 1232	ND	16		µg/Kg	1	2/15/2005
Aroclor 1242	ND	16		µg/Kg	1	2/15/2005
Aroclor 1248	ND	16		µg/Kg	1	2/15/2005
Aroclor 1254	ND	16		µg/Kg	1	2/15/2005
Aroclor 1260	ND	16		µg/Kg	1	2/15/2005
Aroclor 1262	ND	16		µg/Kg	1	2/15/2005
Aroclor 1268	ND	16		µg/Kg	1	2/15/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T7-1.0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 12:58:00 AM
Lab ID:	074215-014A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8021A

RunID: MS3_050211A QC Batch: R05VS031 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/11/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/11/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/11/2005
Benzene	ND	5.0		µg/Kg	1	2/11/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/11/2005
Bromoform	ND	5.0		µg/Kg	1	2/11/2005
Bromomethane	ND	5.0		µg/Kg	1	2/11/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/11/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
Chloroethane	ND	5.0		µg/Kg	1	2/11/2005
Chloroform	ND	5.0		µg/Kg	1	2/11/2005
Chloromethane	ND	5.0		µg/Kg	1	2/11/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/11/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/11/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/11/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/11/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/11/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/11/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/11/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/11/2005
o-Xylene	ND	5.0		µg/Kg	1	2/11/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/11/2005
Toluene	ND	5.0		µg/Kg	1	2/11/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/11/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/11/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/11/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/11/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/11/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T5-0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 1:12:00 PM
Lab ID:	074215-015A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD (EPA 3550B) — **EPA 8081A**

RunID: GC9_050211A QC Batch: 21260 PrepDate 2/11/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4'-DDD	ND	10		µg/Kg	5	2/11/2005
4,4'-DDE	ND	10		µg/Kg	5	2/11/2005
4,4'-DDT	ND	10		µg/Kg	5	2/11/2005
Aldrin	ND	5.0		µg/Kg	5	2/11/2005
alpha-BHC	ND	5.0		µg/Kg	5	2/11/2005
alpha-Chlordane	ND	5.0		µg/Kg	5	2/11/2005
beta-BHC	ND	5.0		µg/Kg	5	2/11/2005
Chlordane	ND	42		µg/Kg	5	2/11/2005
delta-BHC	ND	5.0		µg/Kg	5	2/11/2005
Dieldrin	ND	10		µg/Kg	5	2/11/2005
Endosulfan I	ND	5.0		µg/Kg	5	2/11/2005
Endosulfan II	ND	10		µg/Kg	5	2/11/2005
Endosulfan sulfate	ND	10		µg/Kg	5	2/11/2005
Endrin	ND	10		µg/Kg	5	2/11/2005
Endrin aldehyde	ND	10		µg/Kg	5	2/11/2005
Endrin ketone	ND	10		µg/Kg	5	2/11/2005
gamma-BHC	ND	5.0		µg/Kg	5	2/11/2005
gamma-Chlordane	ND	5.0		µg/Kg	5	2/11/2005
Heptachlor	ND	5.0		µg/Kg	5	2/11/2005
Heptachlor epoxide	ND	5.0		µg/Kg	5	2/11/2005
Methoxychlor	ND	42		µg/Kg	5	2/11/2005
Toxaphene	ND	420		µg/Kg	5	2/11/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T5-0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 1:12:00 PM
Lab ID:	074215-015A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050215C	QC Batch: 21277			PrepDate	2/14/2005	Analyst: **CBR**
Diesel	140	10		mg/Kg	5	2/16/2005
Motor Oil	500	10		mg/Kg	5	2/16/2005
PCB BY GC/ECD						
	(EPA 3550B)			**EPA 8082**		
RunID: GC4_050211A	QC Batch: 21260			PrepDate	2/11/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/12/2005
Aroclor 1221	ND	33		µg/Kg	1	2/12/2005
Aroclor 1232	ND	16		µg/Kg	1	2/12/2005
Aroclor 1242	ND	16		µg/Kg	1	2/12/2005
Aroclor 1248	ND	16		µg/Kg	1	2/12/2005
Aroclor 1254	ND	16		µg/Kg	1	2/12/2005
Aroclor 1260	26	16		µg/Kg	1	2/12/2005
Aroclor 1262	ND	16		µg/Kg	1	2/12/2005
Aroclor 1268	ND	16		µg/Kg	1	2/12/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T5-0.5
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 1:16:00 PM
Lab ID:	074215-016A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
			EPA 8015B(M)			
RunID: GC2_050214A	QC Batch: E05VS040			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/14/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T5-1.0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 2:08:00 PM
Lab ID:	074215-017A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050216A QC Batch: 21276 PrepDate 2/14/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	ND	2.0		µg/Kg	1	2/16/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/16/2005
4,4´-DDT	7.1	2.0		µg/Kg	1	2/16/2005
Aldrin	ND	1.0		µg/Kg	1	2/16/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/16/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/16/2005
beta-BHC	ND	1.0		µg/Kg	1	2/16/2005
Chlordane	ND	8.5		µg/Kg	1	2/16/2005
delta-BHC	ND	1.0		µg/Kg	1	2/16/2005
Dieldrin	ND	2.0		µg/Kg	1	2/16/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/16/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/16/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/16/2005
Endrin	ND	2.0		µg/Kg	1	2/16/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/16/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/16/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/16/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/16/2005
Heptachlor	ND	1.0		µg/Kg	1	2/16/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/16/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/16/2005
Toxaphene	ND	85		µg/Kg	1	2/16/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T5-1.0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 2:08:00 PM
Lab ID:	074215-017A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
(EPA 3550B)				**EPA 8015B(M)**		
RunID: GC7_BACK_050215C	QC Batch: 21277			PrepDate	2/14/2005	Analyst: **CBR**
Diesel	37	2.0		mg/Kg	1	2/16/2005
Motor Oil	120	2.0		mg/Kg	1	2/16/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC5_050215A	QC Batch: 21276			PrepDate	2/14/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/15/2005
Aroclor 1221	ND	33		µg/Kg	1	2/15/2005
Aroclor 1232	ND	16		µg/Kg	1	2/15/2005
Aroclor 1242	ND	16		µg/Kg	1	2/15/2005
Aroclor 1248	ND	16		µg/Kg	1	2/15/2005
Aroclor 1254	ND	16		µg/Kg	1	2/15/2005
Aroclor 1260	ND	16		µg/Kg	1	2/15/2005
Aroclor 1262	ND	16		µg/Kg	1	2/15/2005
Aroclor 1268	ND	16		µg/Kg	1	2/15/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T11-0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 2:29:00 PM
Lab ID:	074215-018A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050211A QC Batch: 21260 PrepDate 2/11/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	ND	10		µg/Kg	5	2/11/2005
4,4´-DDE	ND	10		µg/Kg	5	2/11/2005
4,4´-DDT	12	10		µg/Kg	5	2/11/2005
Aldrin	ND	5.0		µg/Kg	5	2/11/2005
alpha-BHC	ND	5.0		µg/Kg	5	2/11/2005
alpha-Chlordane	ND	5.0		µg/Kg	5	2/11/2005
beta-BHC	ND	5.0		µg/Kg	5	2/11/2005
Chlordane	ND	42		µg/Kg	5	2/11/2005
delta-BHC	ND	5.0		µg/Kg	5	2/11/2005
Dieldrin	ND	10		µg/Kg	5	2/11/2005
Endosulfan I	ND	5.0		µg/Kg	5	2/11/2005
Endosulfan II	ND	10		µg/Kg	5	2/11/2005
Endosulfan sulfate	ND	10		µg/Kg	5	2/11/2005
Endrin	ND	10		µg/Kg	5	2/11/2005
Endrin aldehyde	ND	10		µg/Kg	5	2/11/2005
Endrin ketone	ND	10		µg/Kg	5	2/11/2005
gamma-BHC	ND	5.0		µg/Kg	5	2/11/2005
gamma-Chlordane	ND	5.0		µg/Kg	5	2/11/2005
Heptachlor	ND	5.0		µg/Kg	5	2/11/2005
Heptachlor epoxide	ND	5.0		µg/Kg	5	2/11/2005
Methoxychlor	ND	42		µg/Kg	5	2/11/2005
Toxaphene	ND	420		µg/Kg	5	2/11/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T11-0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 2:29:00 PM
Lab ID:	074215-018A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050215C	QC Batch: 21277			PrepDate	2/14/2005	Analyst: **CBR**
Diesel	57	2.0		mg/Kg	1	2/16/2005
Motor Oil	160	2.0		mg/Kg	1	2/16/2005
PCB BY GC/ECD						
	(EPA 3550B)			**EPA 8082**		
RunID: GC4_050211A	QC Batch: 21260			PrepDate	2/11/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/12/2005
Aroclor 1221	ND	33		µg/Kg	1	2/12/2005
Aroclor 1232	ND	16		µg/Kg	1	2/12/2005
Aroclor 1242	ND	16		µg/Kg	1	2/12/2005
Aroclor 1248	ND	16		µg/Kg	1	2/12/2005
Aroclor 1254	ND	16		µg/Kg	1	2/12/2005
Aroclor 1260	94	16		µg/Kg	1	2/12/2005
Aroclor 1262	ND	16		µg/Kg	1	2/12/2005
Aroclor 1268	ND	16		µg/Kg	1	2/12/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T11-0.5
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 2:48:00 PM
Lab ID:	074215-019A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC2_050214A	QC Batch: E05VS040			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/14/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T11-1.0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 2:59:00 PM
Lab ID:	074215-020A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050216A QC Batch: 21276 PrepDate 2/14/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4'-DDD	ND	2.0		µg/Kg	1	2/16/2005
4,4'-DDE	ND	2.0		µg/Kg	1	2/16/2005
4,4'-DDT	ND	2.0		µg/Kg	1	2/16/2005
Aldrin	ND	1.0		µg/Kg	1	2/16/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/16/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/16/2005
beta-BHC	ND	1.0		µg/Kg	1	2/16/2005
Chlordane	ND	8.5		µg/Kg	1	2/16/2005
delta-BHC	ND	1.0		µg/Kg	1	2/16/2005
Dieldrin	ND	2.0		µg/Kg	1	2/16/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/16/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/16/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/16/2005
Endrin	ND	2.0		µg/Kg	1	2/16/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/16/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/16/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/16/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/16/2005
Heptachlor	ND	1.0		µg/Kg	1	2/16/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/16/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/16/2005
Toxaphene	ND	85		µg/Kg	1	2/16/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T11-1.0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 2:59:00 PM
Lab ID:	074215-020A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
(EPA 3550B)				**EPA 8015B(M)**		
RunID: GC7_BACK_050215C	QC Batch: 21277			PrepDate	2/14/2005	Analyst: **CBR**
Diesel	10	10		mg/Kg	10	2/16/2005
Motor Oil	21	10		mg/Kg	10	2/16/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC5_050215A	QC Batch: 21276			PrepDate	2/14/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/15/2005
Aroclor 1221	ND	33		µg/Kg	1	2/15/2005
Aroclor 1232	ND	16		µg/Kg	1	2/15/2005
Aroclor 1242	ND	16		µg/Kg	1	2/15/2005
Aroclor 1248	ND	16		µg/Kg	1	2/15/2005
Aroclor 1254	ND	16		µg/Kg	1	2/15/2005
Aroclor 1260	ND	16		µg/Kg	1	2/15/2005
Aroclor 1262	ND	16		µg/Kg	1	2/15/2005
Aroclor 1268	ND	16		µg/Kg	1	2/15/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T11-1.0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 2:59:00 PM
Lab ID:	074215-020A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8021A

RunID: MS3_050211A QC Batch: R05VS031 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/11/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/11/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/11/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/11/2005
Benzene	ND	5.0		µg/Kg	1	2/11/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/11/2005
Bromoform	ND	5.0		µg/Kg	1	2/11/2005
Bromomethane	ND	5.0		µg/Kg	1	2/11/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/11/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/11/2005
Chloroethane	ND	5.0		µg/Kg	1	2/11/2005
Chloroform	ND	5.0		µg/Kg	1	2/11/2005
Chloromethane	ND	5.0		µg/Kg	1	2/11/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/11/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/11/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/11/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/11/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/11/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/11/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/11/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/11/2005
o-Xylene	ND	5.0		µg/Kg	1	2/11/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/11/2005
Toluene	ND	5.0		µg/Kg	1	2/11/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/11/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/11/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/11/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/11/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/11/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T11-1.3
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 3:11:00 PM
Lab ID:	074215-021A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC2_050214A	QC Batch: E05VS040			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/14/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T7-1.5
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 1:07:00 PM
Lab ID:	074215-022A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC2_050214A	QC Batch: E05VS040			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/14/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *17-Feb-05*

CLIENT: Geocon Environmental
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID	MB-21268A	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215B
Client ID:	ZZZZZ	Batch ID:	21268	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679225

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID	MB-21268B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215B
Client ID:	ZZZZZ	Batch ID:	21268	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679243

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID	MB-21269A	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215C
Client ID:	ZZZZZ	Batch ID:	21269	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679354

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID	MB-21269B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215C
Client ID:	ZZZZZ	Batch ID:	21269	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679370

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID	LCS-21268	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215B
Client ID:	ZZZZZ	Batch ID:	21268	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679226

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	266.2	5.0	250	0	106	80	120	0	0		

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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21269	LCS	6010_SPB	mg/Kg	2/15/2005	ICP5_050215C
Client ID: ZZZZZ	Batch ID: 21269	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/15/2005	SeqNo: 679355

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	262.5	5.0	250	0	105	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074211-013AMS	MS	6010_SPB	mg/Kg	2/15/2005	ICP5_050215B
Client ID: ZZZZZ	Batch ID: 21268	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/15/2005	SeqNo: 679238

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	315	5.0	250	121.1	77.6	47	125	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-010AMS	MS	6010_SPB	mg/Kg	2/15/2005	ICP5_050215B
Client ID: T6-1.0	Batch ID: 21268	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/15/2005	SeqNo: 679255

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	195	5.0	250	2.347	77.1	47	125	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-020AMS	MS	6010_SPB	mg/Kg	2/15/2005	ICP5_050215C
Client ID: T11-1.0	Batch ID: 21269	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/15/2005	SeqNo: 679367

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	213	5.0	250	3.42	83.8	47	125	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-022AMS	MS	6010_SPB	mg/Kg	2/15/2005	ICP5_050215C
Client ID: T7-1.5	Batch ID: 21269	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/15/2005	SeqNo: 679382

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	184.6	5.0	250	4.092	72.2	47	125	0	0		

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J - Analyte detected below quantitation limits
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID	074215-010AMSD	SampType:	MSD	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215B
Client ID:	T6-1.0	Batch ID:	21268	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679256

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	204.4	5.0	250	2.347	80.8	47	125	195	4.70	20	

Sample ID	074215-022AMSD	SampType:	MSD	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215C
Client ID:	T7-1.5	Batch ID:	21269	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679383

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	174.9	5.0	250	4.092	68.3	47	125	184.6	5.40	20	

Sample ID	074211-013ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215B
Client ID:	ZZZZZ	Batch ID:	21268	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679237

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	121	5.0	0	0	0	0	0	121.1	0.124	20	

Sample ID	074215-010ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215B
Client ID:	T6-1.0	Batch ID:	21268	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679254

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0	0	0	0	2.347	0	20	

Sample ID	074215-020ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215C
Client ID:	T11-1.0	Batch ID:	21269	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679366

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0	0	0	0	3.42	0	20	

Qualifiers:
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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID	074215-022ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215C
Client ID:	T7-1.5	Batch ID:	21269	TestNo:	EPA 6010B		(EPA 3050M)	Analysis Date:	2/15/2005	SeqNo:	679381

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0	0	0	0	4.092	0	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21277	MBLK	8015_S_DM	mg/Kg	2/14/2005	GC7_BACK_050215C
Client ID: ZZZZZ	Batch ID: 21277	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/15/2005	SeqNo: 679536

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0									
Motor Oil	ND	1.0									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21277	LCS	8015_S_DM	mg/Kg	2/14/2005	GC7_BACK_050215C
Client ID: ZZZZZ	Batch ID: 21277	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/15/2005	SeqNo: 679537

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	24.48	1.0	33	0	74.2	44	123	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-014AMS	MS	8015_S_DM	mg/Kg	2/14/2005	GC7_BACK_050215C
Client ID: T7-1.0	Batch ID: 21277	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/15/2005	SeqNo: 679538

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	23.6	1.0	33	0	71.5	26	106	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-014AMSD	MSD	8015_S_DM	mg/Kg	2/14/2005	GC7_BACK_050215C
Client ID: T7-1.0	Batch ID: 21277	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/15/2005	SeqNo: 679539

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	26.04	1.0	33	0	78.9	26	106	23.6	9.80	0	

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-001ADUP	DUP	8015_S_DM	mg/Kg	2/14/2005	GC7_BACK_050215C
Client ID: T1-0	Batch ID: 21277	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/15/2005	SeqNo: 679541

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	12.57	1.0	0	0	0	0	0	9.682	25.9	30	
Motor Oil	23.98	1.0	0	0	0	0	0	33.8	34.0	30	R

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_GAS

Sample ID **E021105MB** SampType: **MBLK** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050211A**
Client ID: **ZZZZZ** Batch ID: **E05VS038** TestNo: **EPA 8015B(M** Analysis Date: **2/11/2005** SeqNo: **678383**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									

Sample ID **E021405MB2** SampType: **MBLK** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050214A**
Client ID: **ZZZZZ** Batch ID: **E05VS040** TestNo: **EPA 8015B(M** Analysis Date: **2/14/2005** SeqNo: **679055**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									

Sample ID **E021105LC** SampType: **LCS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050211A**
Client ID: **ZZZZZ** Batch ID: **E05VS038** TestNo: **EPA 8015B(M** Analysis Date: **2/11/2005** SeqNo: **678397**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	5.198	1.0	5	0	104	75	120	0	0		

Sample ID **E021405LC1** SampType: **LCS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050214A**
Client ID: **ZZZZZ** Batch ID: **E05VS040** TestNo: **EPA 8015B(M** Analysis Date: **2/14/2005** SeqNo: **679068**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	5.199	1.0	5	0	104	75	120	0	0		

Sample ID **074211-012AMS** SampType: **MS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050211A**
Client ID: **ZZZZZ** Batch ID: **E05VS038** TestNo: **EPA 8015B(M** Analysis Date: **2/11/2005** SeqNo: **678395**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	5	0	0	33	139	0	0		S

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_GAS

Sample ID **074215-019AMS** SampType: **MS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050214A**
Client ID: **T11-0.5** Batch ID: **E05VS040** TestNo: **EPA 8015B(M** Analysis Date: **2/14/2005** SeqNo: **679066**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.676	1.0	5	0	73.5	33	139	0	0		

Sample ID **074211-012AMSD** SampType: **MSD** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050211A**
Client ID: **ZZZZZ** Batch ID: **E05VS038** TestNo: **EPA 8015B(M** Analysis Date: **2/11/2005** SeqNo: **678396**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	5	0	0	33	139	0	0	30	S

Sample ID **074215-019AMSD** SampType: **MSD** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050214A**
Client ID: **T11-0.5** Batch ID: **E05VS040** TestNo: **EPA 8015B(M** Analysis Date: **2/14/2005** SeqNo: **679067**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.356	1.0	5	0	87.1	33	139	3.676	16.9	30	

Sample ID **074215-013ADUP** SampType: **DUP** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050211A**
Client ID: **T7-0.5** Batch ID: **E05VS038** TestNo: **EPA 8015B(M** Analysis Date: **2/11/2005** SeqNo: **678394**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Sample ID **074215-021ADUP** SampType: **DUP** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050214A**
Client ID: **T11-1.3** Batch ID: **E05VS040** TestNo: **EPA 8015B(M** Analysis Date: **2/14/2005** SeqNo: **679059**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **R050211MB2** SampType: **MBLK** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050211A**
Client ID: **ZZZZZ** Batch ID: **R05VS031** TestNo: **EPA 8021A** Analysis Date: **2/11/2005** SeqNo: **678376**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2-Chloroethyl vinyl ether	ND	5.0									
Benzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
m,p-Xylene	ND	5.0									
Methyl tert-butyl ether	ND	5.0									
Methylene chloride	ND	5.0									
o-Xylene	ND	5.0									
Tetrachloroethene	ND	5.0									

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H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **R050211MB2** SampType: **MBLK** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050211A**
Client ID: **ZZZZZ** Batch ID: **R05VS031** TestNo: **EPA 8021A** Analysis Date: **2/11/2005** SeqNo: **678376**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									

Sample ID **R050211LC1** SampType: **LCS** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050211A**
Client ID: **ZZZZZ** Batch ID: **R05VS031** TestNo: **EPA 8021A** Analysis Date: **2/11/2005** SeqNo: **678373**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	112	5.0	50	0	224	70	130	0	0		S
Benzene	109.6	5.0	50	0	219	70	130	0	0		S
Chlorobenzene	111	5.0	50	0	222	70	130	0	0		S
Methyl tert-butyl ether	107.6	5.0	50	0	215	70	130	0	0		S
Toluene	109.8	5.0	50	0	220	70	130	0	0		S
Trichloroethene	113.6	5.0	50	0	227	70	130	0	0		S

Sample ID **074211-011AMS** SampType: **MS** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050211A**
Client ID: **ZZZZZ** Batch ID: **R05VS031** TestNo: **EPA 8021A** Analysis Date: **2/11/2005** SeqNo: **678374**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	96.25	5.0	50	0	192	70	130	0	0		S
Benzene	103.4	5.0	50	0	207	70	130	0	0		S
Chlorobenzene	100.1	5.0	50	0	200	70	130	0	0		S
Toluene	101.4	5.0	50	0	203	70	130	0	0		S
Trichloroethene	103.8	5.0	50	0	208	70	130	0	0		S

Qualifiers:
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **074211-011AMSD** SampType: **MSD** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050211A**
Client ID: **ZZZZZ** Batch ID: **R05VS031** TestNo: **EPA 8021A** Analysis Date: **2/11/2005** SeqNo: **678375**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	97.9	5.0	50	0	196	70	130	96.25	1.70	26	S
Benzene	105.1	5.0	50	0	210	70	130	103.4	1.60	18	S
Chlorobenzene	98.41	5.0	50	0	197	70	130	100.1	1.71	22	S
Toluene	102.8	5.0	50	0	206	70	130	101.4	1.37	21	S
Trichloroethene	104.9	5.0	50	0	210	70	130	103.8	0.996	20	S

Sample ID **074211-011ADUP** SampType: **DUP** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050211A**
Client ID: **ZZZZZ** Batch ID: **R05VS031** TestNo: **EPA 8021A** Analysis Date: **2/11/2005** SeqNo: **678378**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
2-Chloroethyl vinyl ether	ND	5.0	0	0	0	0	0	0	0	30	
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	
Bromoform	ND	5.0	0	0	0	0	0	0	0	30	
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30	
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30	
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30	
Chloroform	ND	5.0	0	0	0	0	0	0	0	30	
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers:
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **074211-011ADUP** SampType: **DUP** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050211A**
Client ID: **ZZZZZ** Batch ID: **R05VS031** TestNo: **EPA 8021A** Analysis Date: **2/11/2005** SeqNo: **678378**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30	
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30	
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30	
Methyl tert-butyl ether	ND	5.0	0	0	0	0	0	0	0	30	
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30	
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30	
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30	
Toluene	ND	5.0	0	0	0	0	0	0	0	30	
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
trans-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30	
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **MB-21260** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC9_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **679428**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0									
4,4´-DDE	ND	2.0									
4,4´-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID **MB-21276** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/14/2005** Run ID: **GC9_050216A**
Client ID: **ZZZZZ** Batch ID: **21276** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/16/2005** SeqNo: **680370**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0									
4,4´-DDE	ND	2.0									
4,4´-DDT	ND	2.0									

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **MB-21276** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/14/2005** Run ID: **GC9_050216A**
Client ID: **ZZZZZ** Batch ID: **21276** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/16/2005** SeqNo: **680370**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID **LCS-21260** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC9_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **679429**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	19.1	2.0	16.65	0	115	66	136	0	0		
Aldrin	18.38	1.0	16.65	0	110	85	134	0	0		
Dieldrin	17.98	2.0	16.65	0	108	82	128	0	0		
Endrin	23.02	2.0	16.65	0	138	77	139	0	0		
gamma-BHC	18.93	1.0	16.65	0	114	82	139	0	0		
Heptachlor	19.52	1.0	16.65	0	117	68	152	0	0		

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DO- Surrogate dilute out
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **LCS-21276** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/14/2005** Run ID: **GC9_050216A**
Client ID: **ZZZZZ** Batch ID: **21276** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/16/2005** SeqNo: **680371**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	18.93	2.0	16.65	0	114	66	136	0	0		
Aldrin	19.02	1.0	16.65	0	114	85	134	0	0		
Dieldrin	18.4	2.0	16.65	0	111	82	128	0	0		
Endrin	24.62	2.0	16.65	0	148	77	139	0	0		S
gamma-BHC	19.58	1.0	16.65	0	118	82	139	0	0		
Heptachlor	20.47	1.0	16.65	0	123	68	152	0	0		

Sample ID **074215-001AMS** SampType: **MS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC9_050211A**
Client ID: **T1-0** Batch ID: **21260** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **679430**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	17.42	2.0	16.65	0	105	48	150	0	0		
Aldrin	16.88	1.0	16.65	0	101	78	136	0	0		
Dieldrin	16.22	2.0	16.65	0	97.4	72	136	0	0		
Endrin	22.68	2.0	16.65	0	136	74	150	0	0		
gamma-BHC	16.98	1.0	16.65	0	102	76	138	0	0		
Heptachlor	17.68	1.0	16.65	0	106	71	149	0	0		

Sample ID **074215-014AMS** SampType: **MS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/14/2005** Run ID: **GC9_050216A**
Client ID: **T7-1.0** Batch ID: **21276** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/16/2005** SeqNo: **680372**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	18.42	2.0	16.65	0	111	48	150	0	0		
Aldrin	18.52	1.0	16.65	0	111	78	136	0	0		
Dieldrin	17.88	2.0	16.65	0	107	72	136	0	0		
Endrin	24.9	2.0	16.65	0	150	74	150	0	0		
gamma-BHC	18.92	1.0	16.65	0	114	76	138	0	0		
Heptachlor	20	1.0	16.65	0	120	71	149	0	0		

Qualifiers:
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DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **074215-001AMSD** SampType: **MSD** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC9_050211A**
Client ID: **T1-0** Batch ID: **21260** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **679431**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	16.22	2.0	16.65	0	97.4	48	150	17.42	7.14	30	
Aldrin	15.6	1.0	16.65	0	93.7	78	136	16.88	7.90	30	
Dieldrin	15.13	2.0	16.65	0	90.9	72	136	16.22	6.91	30	
Endrin	21.32	2.0	16.65	0	128	74	150	22.68	6.21	30	
gamma-BHC	15.83	1.0	16.65	0	95.1	76	138	16.98	7.01	30	
Heptachlor	16.48	1.0	16.65	0	99	71	149	17.68	7.02	30	

Sample ID **074215-014AMSD** SampType: **MSD** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/14/2005** Run ID: **GC9_050216A**
Client ID: **T7-1.0** Batch ID: **21276** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/16/2005** SeqNo: **680373**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	18.32	2.0	16.65	0	110	48	150	18.42	0.544	30	
Aldrin	18.4	1.0	16.65	0	111	78	136	18.52	0.632	30	
Dieldrin	17.88	2.0	16.65	0	107	72	136	17.88	0	30	
Endrin	24.83	2.0	16.65	0	149	74	150	24.9	0.268	30	
gamma-BHC	18.93	1.0	16.65	0	114	76	138	18.92	0.0881	30	
Heptachlor	19.93	1.0	16.65	0	120	71	149	20	0.334	30	

Sample ID **074215-018ADUP** SampType: **DUP** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC9_050211A**
Client ID: **T11-0** Batch ID: **21260** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **679440**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	10	0	0	0	0	0	6.417	0	30	
4,4´-DDE	ND	10	0	0	0	0	0	0	0	30	
4,4´-DDT	12.42	10	0	0	0	0	0	11.75	5.52	30	
Aldrin	ND	5.0	0	0	0	0	0	0	0	30	
alpha-BHC	ND	5.0	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	5.0	0	0	0	0	0	0	0	30	
beta-BHC	ND	5.0	0	0	0	0	0	0	0	30	
Chlordane	ND	42	0	0	0	0	0	0	0	30	

Qualifiers:
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **074215-018ADUP** SampType: **DUP** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC9_050211A**
Client ID: **T11-0** Batch ID: **21260** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **679440**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
delta-BHC	ND	5.0	0	0	0	0	0	0	0	30	
Dieldrin	ND	10	0	0	0	0	0	0	0	30	
Endosulfan I	ND	5.0	0	0	0	0	0	0	0	30	
Endosulfan II	ND	10	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	10	0	0	0	0	0	0	0	30	
Endrin	ND	10	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	10	0	0	0	0	0	0	0	30	
Endrin ketone	ND	10	0	0	0	0	0	0	0	30	
gamma-BHC	ND	5.0	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	5.0	0	0	0	0	0	0	0	30	
Heptachlor	ND	5.0	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	5.0	0	0	0	0	0	0	0	30	
Methoxychlor	ND	42	0	0	0	0	0	0	0	30	
Toxaphene	ND	420	0	0	0	0	0	0	0	30	

Sample ID **074215-014ADUP** SampType: **DUP** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/14/2005** Run ID: **GC9_050216A**
Client ID: **T7-1.0** Batch ID: **21276** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/16/2005** SeqNo: **680375**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0	0	0	0	0	0	0	0	30	
4,4´-DDE	ND	2.0	0	0	0	0	0	0	0	30	
4,4´-DDT	ND	2.0	0	0	0	0	0	0	0	30	
Aldrin	ND	1.0	0	0	0	0	0	0	0	30	
alpha-BHC	ND	1.0	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	1.0	0	0	0	0	0	0	0	30	
beta-BHC	ND	1.0	0	0	0	0	0	0	0	30	
Chlordane	ND	8.5	0	0	0	0	0	0	0	30	
delta-BHC	ND	1.0	0	0	0	0	0	0	0	30	
Dieldrin	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan I	ND	1.0	0	0	0	0	0	0	0	30	

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CLIENT: Geocon Environmental
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **074215-014ADUP** SampType: **DUP** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/14/2005** Run ID: **GC9_050216A**
Client ID: **T7-1.0** Batch ID: **21276** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/16/2005** SeqNo: **680375**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endosulfan II	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	2.0	0	0	0	0	0	0	0	30	
Endrin	ND	2.0	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	2.0	0	0	0	0	0	0	0	30	
Endrin ketone	ND	2.0	0	0	0	0	0	0	0	30	
gamma-BHC	ND	1.0	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	1.0	0	0	0	0	0	0	0	30	
Heptachlor	ND	1.0	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	1.0	0	0	0	0	0	0	0	30	
Methoxychlor	ND	8.5	0	0	0	0	0	0	0	30	
Toxaphene	ND	85	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **MB-21260** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC4_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **678602**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **MB-21260** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC4_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/12/2005** SeqNo: **678653**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **MB-21276** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/14/2005** Run ID: **GC5_050215A**
Client ID: **ZZZZZ** Batch ID: **21276** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/15/2005** SeqNo: **679197**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									

Qualifiers:
ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID	MB-21276	SampType:	MBLK	TestCode:	8082_S	Units:	µg/Kg	Prep Date:	2/14/2005	Run ID:	GC5_050215A
Client ID:	ZZZZZ	Batch ID:	21276	TestNo:	EPA 8082	(EPA 3550B)		Analysis Date:	2/15/2005	SeqNo:	679197

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID	MB-21260	SampType:	MBLK	TestCode:	8082_S	Units:	µg/Kg	Prep Date:	2/11/2005	Run ID:	GC5_050214B
Client ID:	ZZZZZ	Batch ID:	21260	TestNo:	EPA 8082	(EPA 3550B)		Analysis Date:	2/14/2005	SeqNo:	679336

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID	LCSA-21260	SampType:	LCS	TestCode:	8082_S	Units:	µg/Kg	Prep Date:	2/11/2005	Run ID:	GC4_050211A
Client ID:	ZZZZZ	Batch ID:	21260	TestNo:	EPA 8082	(EPA 3550B)		Analysis Date:	2/11/2005	SeqNo:	678603

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	162.9	16	166.6	0	97.7	67	120	0	0		
Aroclor 1260	195.5	16	166.6	0	117	76	127	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **LCSA-21260** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC4_050211A**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/12/2005** SeqNo: **678654**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	163.1	16	166.6	0	97.9	67	120	0	0		
Aroclor 1260	181.8	16	166.6	0	109	76	127	0	0		

Sample ID **LCSA-21276** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/14/2005** Run ID: **GC5_050215A**
Client ID: **ZZZZZ** Batch ID: **21276** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/15/2005** SeqNo: **679198**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	140.6	16	166.6	0	84.4	67	120	0	0		
Aroclor 1260	169.6	16	166.6	0	102	76	127	0	0		

Sample ID **LCSA-21260** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC5_050214B**
Client ID: **ZZZZZ** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/14/2005** SeqNo: **679337**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	163.8	16	166.6	0	98.3	67	120	0	0		
Aroclor 1260	193.4	16	166.6	0	116	76	127	0	0		

Sample ID **074215-012AMSA** SampType: **MS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC4_050211A**
Client ID: **T7-0** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **678604**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	159.2	16	166.6	0	95.5	71	123	0	0		
Aroclor 1260	191.7	16	166.6	0	115	72	122	0	0		

Sample ID **074215-020AMSA** SampType: **MS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/14/2005** Run ID: **GC5_050215A**
Client ID: **T11-1.0** Batch ID: **21276** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/15/2005** SeqNo: **679200**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	141.4	16	166.6	0	84.8	71	123	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **074215-020AMSA** SampType: **MS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/14/2005** Run ID: **GC5_050215A**
Client ID: **T11-1.0** Batch ID: **21276** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/15/2005** SeqNo: **679200**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	174	16	166.6	0	104	72	122	0	0		

Sample ID **074215-012AMSDA** SampType: **MSD** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC4_050211A**
Client ID: **T7-0** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/11/2005** SeqNo: **678605**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	159.1	16	166.6	0	95.5	71	123	159.2	0.0681	30	
Aroclor 1260	189.4	16	166.6	0	114	72	122	191.7	1.21	30	

Sample ID **074215-020AMSDA** SampType: **MSD** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/14/2005** Run ID: **GC5_050215A**
Client ID: **T11-1.0** Batch ID: **21276** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/15/2005** SeqNo: **679201**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	151	16	166.6	0	90.6	71	123	141.4	6.59	30	
Aroclor 1260	177.2	16	166.6	0	106	72	122	174	1.80	30	

Sample ID **074215-018ADUP** SampType: **DUP** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/11/2005** Run ID: **GC4_050211A**
Client ID: **T11-0** Batch ID: **21260** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/12/2005** SeqNo: **679300**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1260	117.1	16	0	0	0	0	0	94.38	21.5	30	
Aroclor 1262	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	16	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID	074215-014ADUP	SampType:	DUP	TestCode:	8082_S	Units:	µg/Kg	Prep Date:	2/14/2005	Run ID:	GC5_050215A
Client ID:	T7-1.0	Batch ID:	21276	TestNo:	EPA 8082		(EPA 3550B)	Analysis Date:	2/15/2005	SeqNo:	679471

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1260	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1262	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	16	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: N Date: 2/9/05

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt
1. CHILLED 6.4 Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON
Attn: MATT HANKO
Address: 2356 RESEARCH DRIVE
City LIVERMORE State CA Zip Code 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: SF OBB WEST APPROACH - OAKLAND TOUCH DOWN
Project #: E8220-06-04
Sampler: (Printed Name) Matt Hanko (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature]	Date: 2-8-05	Time: 1730	Received by: (Signature and Printed Name) GSO	Date: 2-8-05	Time: 1730
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name) MJ	Date: 2/9/05	Time: 950
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Matt Hanko 2-8-05
Print Name Date
[signature]
Signature

Send Report To: Attn: See Client Co: Address City State Zip

Bill To: Attn: See Client Co: Address City State Zip

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / ~~[illegible]~~	8015B (DRO) + TPH mo	Lead	AH VOCs 8021B	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	07 9215 - N01	T1-0	2/7	10:45	X	X					X	X		X				E	1	T M	C	
	- N02	T1-0.5		10:49						X		X		X								
	- N03	T1-1.0		11:03	X	X					X	X	X	X								
	- N04	T2-0		11:26								X		X								
	- N05	T2-0.5		11:38								X		X								
	- N06	T4-0		11:57								X		X								
	- N07	T4-0.5		12:08								X		X								
	- N08	T6-0		12:36								X		X								
	- N09	T6-0.5		12:40								X		X								
	- N10	T6-1.0		12:41								X		X								

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
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Signal Hill, CA 90755
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FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: W Date: 2/9

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: G EOCON
Attn: MATT HANKO
Address: Livermore
City: Livermore State: Zip Code:
TEL: (925) 371-5900
FAX: ( )

Project Name: SFOBB WEST APPROACH - OAKLAND TOUCHDOWN
Project #: E8220-06-04
Sampler: (Printed Name) Matt Hanko (Signature) [signature]

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
[signature]	2-8-05	1730	650	2-8-05	1730
			MJ	2/9/05	9:10

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name _____ Date _____
Signature _____

Send Report To:
Attn: _____
Co: See Page 1
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / ~~BTEX~~	8015B (DRO)	LEAD	ANVOCs by 8021B	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	174/215 -011	T6-1.5	2/7	12:44								X		X				E	1	T M	C	
	-012	T7-0		12:51	X	X			NO	X	X	X		X								
	-013	T7-0.5		12:57						X		X		X								
	-014	T7-1.0		12:58	X	X			NO	X	X	X	X	X								
	-015	T5-0		1:12	X	X					X	X		X								
	-016	T5-0.5		1:16						X		X		X								
	-017	T5-1.0		2:08	X	X					X	X	X	X								
	-018	T11-0		2:29	X	X					X	X		X								
	-019	T11-0.5		2:48						X		X		X								
	-020	T11-1.0		2:59	X	X					X	X	X	X								

- TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

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FOR LABORATORY USE ONLY:

P.O.#:
Logged By: N Date: 2/9

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other:

Sample Condition Upon Receipt
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON
Attn: MATT HANKO
Address: LIVERMORE
City State Zip Code
TEL: (925) 371-5900
FAX: ( )

Project Name: SFOBB - WEST APPROACH OAKLAND SOUTH DOWN
Project #: 28220-06-04
Sampler: (Printed Name) Matt Hanko (Signature) [signature]

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
[signature]	2-8-05	1730	GSO	2-8-05	1730
			[signature]	2/9/05	9:00

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co: See page 1
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) ~~BTEX~~ + TPH mo	8015B (DRO) LEAD	AHVOCs by 8021B	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	079215 -04	T11 - ~~TVB~~ 1.3	2/7	3:11						X		X									
	↓ -07	T7 - 1.5	2/7	1:07						X		X									

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

- TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

March 04, 2005

RECEIVED
MAR 10 2005
By

ACCREDITED IN ACCORDANCE WITH nelac

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Matt Hanko
Geocon Environmental
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

Workorder No.: 074215

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 09, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 3/4/2005

LEAD BY ATOMIC ABSORPTION
WET/ EPA 7420

CLIENT:	Geocon Environmental	**Lab Order:**	074215
Project:	SFOBB West Approach Oakland Touchdown, E	**Date Received:**	2/9/2005 9:00:00
Project No:		**Matrix:**	Soil
PO No:		**Analyst:**	MJM

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
074215-002A	T1-0.5	34	mg/L	R47123	1.2	5	2/7/2005	3/1/2005
074215-005A	T2-0.5	13	mg/L	R47123	0.5	2	2/7/2005	3/1/2005
074215-006A	T4-0	4.9	mg/L	R47123	0.25	1	2/7/2005	3/1/2005
074215-007A	T4-0.5	5.6	mg/L	R47123	0.25	1	2/7/2005	3/1/2005
074215-008A	T6-0	9.0	mg/L	R47123	0.25	1	2/7/2005	3/1/2005
074215-012A	T7-0	4.4	mg/L	R47224	0.25	1	2/7/2005	3/3/2005
074215-015A	T5-0	4.2	mg/L	R47124	0.25	1	2/7/2005	3/1/2005
074215-016A	T5-0.5	6.4	mg/L	R47124	0.25	1	2/7/2005	3/1/2005
074215-018A	T11-0	16	mg/L	R47124	0.5	2	2/7/2005	3/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 3/4/2005

LEAD BY ATOMIC ABSORPTION
EPA 1311/ 7420

CLIENT:	Geocon Environmental	**Lab Order:**	074215
Project:	SFOBB West Approach Oakland Touchdown, E	**Date Received:**	2/9/2005 9:00:00
Project No:		**Matrix:**	Soil
PO No:		**Analyst:**	MJM

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
074215-001A	T1-0	ND	mg/L	21485	0.25	1	2/7/2005	3/3/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT: Geocon Environmental
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID	MB-21468	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050301B
Client ID:	ZZZZZ	Batch ID:	R47123	TestNo:	WET/ EPA 74			Analysis Date:	3/1/2005	SeqNo:	688874

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	MB-21468A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050301B
Client ID:	ZZZZZ	Batch ID:	R47123	TestNo:	WET/ EPA 74			Analysis Date:	3/1/2005	SeqNo:	688875

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	MB-21468B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050301B
Client ID:	ZZZZZ	Batch ID:	R47123	TestNo:	WET/ EPA 74			Analysis Date:	3/1/2005	SeqNo:	688888

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	MB-21469	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050301C
Client ID:	ZZZZZ	Batch ID:	R47124	TestNo:	WET/ EPA 74			Analysis Date:	3/1/2005	SeqNo:	688903

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	MB-21469A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050301C
Client ID:	ZZZZZ	Batch ID:	R47124	TestNo:	WET/ EPA 74			Analysis Date:	3/1/2005	SeqNo:	688904

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Qualifiers:
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID	MB-21469	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050303E
Client ID:	ZZZZZ	Batch ID:	R47224	TestNo:	WET/ EPA 74			Analysis Date:	3/3/2005	SeqNo:	690318

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	MB-21469A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050303E
Client ID:	ZZZZZ	Batch ID:	R47224	TestNo:	WET/ EPA 74			Analysis Date:	3/3/2005	SeqNo:	690319

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	LCS-21468	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050301B
Client ID:	ZZZZZ	Batch ID:	R47123	TestNo:	WET/ EPA 74			Analysis Date:	3/1/2005	SeqNo:	688902

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.252	0.25	5	0	105	80	120	0	0		

Sample ID	LCS-21469	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050301C
Client ID:	ZZZZZ	Batch ID:	R47124	TestNo:	WET/ EPA 74			Analysis Date:	3/1/2005	SeqNo:	688905

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.065	0.25	5	0	101	80	120	0	0		

Sample ID	LCS-21469	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050303E
Client ID:	ZZZZZ	Batch ID:	R47224	TestNo:	WET/ EPA 74			Analysis Date:	3/3/2005	SeqNo:	690320

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.168	0.25	5	0	103	80	120	0	0		

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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID **074211-001AMS** SampType: **MS** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301B**
Client ID: **ZZZZZ** Batch ID: **R47123** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688887**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10.34	0.50	5	5.227	102	70	130	0	0		

Sample ID **074215-008AMS** SampType: **MS** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301B**
Client ID: **T6-0** Batch ID: **R47123** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688900**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	13.66	1.2	5	8.968	93.9	70	130	0	0		

Sample ID **074371-006AMS** SampType: **MS** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301C**
Client ID: **ZZZZZ** Batch ID: **R47124** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688911**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	35.78	2.5	5	31.63	83	70	130	0	0		

Sample ID **074371-006AMS** SampType: **MS** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050303E**
Client ID: **ZZZZZ** Batch ID: **R47224** TestNo: **WET/ EPA 74** Analysis Date: **3/3/2005** SeqNo: **690324**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	20.28	1.2	5	14.65	112	70	130	0	0		

Sample ID **074215-008AMSD** SampType: **MSD** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301B**
Client ID: **T6-0** Batch ID: **R47123** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688901**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	13.63	1.2	5	8.968	93.3	70	130	13.66	0.213	20	

Qualifiers:
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID **074371-006AMSD** SampType: **MSD** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301C**
Client ID: **ZZZZZ** Batch ID: **R47124** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688912**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	35.85	2.5	5	31.63	84.5	70	130	35.78	0.210	20	

Sample ID **074371-006AMSD** SampType: **MSD** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050303E**
Client ID: **ZZZZZ** Batch ID: **R47224** TestNo: **WET/ EPA 74** Analysis Date: **3/3/2005** SeqNo: **690325**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	20.14	1.2	5	0	403	70	130	0	0		S

Sample ID **074211-001ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301B**
Client ID: **ZZZZZ** Batch ID: **R47123** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688886**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.151	0.25	0	0	0	0	0	5.227	31.1	20	R

Sample ID **074215-008ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301B**
Client ID: **T6-0** Batch ID: **R47123** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688899**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	11.17	0.50	0	0	0	0	0	8.968	21.9	20	R

Sample ID **074371-006ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050301C**
Client ID: **ZZZZZ** Batch ID: **R47124** TestNo: **WET/ EPA 74** Analysis Date: **3/1/2005** SeqNo: **688910**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	32.31	1.2	0	0	0	0	0	31.63	2.13	20	

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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID **074371-006ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050303E**
Client ID: **ZZZZZ** Batch ID: **R47224** TestNo: **WET/ EPA 74** Analysis Date: **3/3/2005** SeqNo: **690323**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.275	0.25	0	0	0	0	0	14.65	168	20	R

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_TC

Sample ID **MB-21485** SampType: **MBLK** TestCode: **7420_TC** Units: **mg/L** Prep Date: Run ID: **AA2_050303C**
Client ID: **ZZZZZ** Batch ID: **21485** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **3/3/2005** SeqNo: **690169**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID **MB-21472A TCLP** SampType: **MBLK** TestCode: **7420_TC** Units: **mg/L** Prep Date: **2/25/2005** Run ID: **AA2_050303C**
Client ID: **ZZZZZ** Batch ID: **21485** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **3/3/2005** SeqNo: **690170**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID **LCS-21485** SampType: **LCS** TestCode: **7420_TC** Units: **mg/L** Prep Date: **2/25/2005** Run ID: **AA2_050303C**
Client ID: **ZZZZZ** Batch ID: **21485** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **3/3/2005** SeqNo: **690171**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.063	0.25	1	0	106	80	120	0	0		

Sample ID **074215-001AMS** SampType: **MS** TestCode: **7420_TC** Units: **mg/L** Prep Date: **2/25/2005** Run ID: **AA2_050303C**
Client ID: **T1-0** Batch ID: **21485** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **3/3/2005** SeqNo: **690179**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.718	0.25	2.5	0.09298	105	70	130	0	0		

Sample ID **074215-001ADUP** SampType: **DUP** TestCode: **7420_TC** Units: **mg/L** Prep Date: **2/25/2005** Run ID: **AA2_050303C**
Client ID: **T1-0** Batch ID: **21485** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **3/3/2005** SeqNo: **690178**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25	0	0	0	0	0	0.09298	0	20	

Qualifiers:
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Thursday, February 24, 2005 4:49 PM
To: Galvan, Diane
Subject: Additional Analysis SFOBB Oakland Touch Down

Diane:

> Please analyze the following samples for lead using the WET:

>Lab Project No. 074215

> T1-0.5 (002)
> T2-0.5 (005)
> T4-0 (006)
> T4-0.5 (007)
> T5-0 (015)
> T5-0.5 (016)
> T6-0 (008)
> T7-0 (012)
> T11-0 (018)

Lab Project No. 074211

> T12-0 (001)
> T17-0 (005)
> T18-0.5 (008)
> T23-0.5 (013)
> T23-1.0 (011)
> T23-1.5 (012)
>
>Please analyze the following samples for lead using the TCLP:
>
> T1-1.0 (074215-001)
> T18-0 (074211-007)
>
> Thank you,
>
> >
> Matt Hanko
> Senior Project Scientist
> (925)371-5900 ext 203
> (925) 785-5021 cell
> hanko@geoconinc.com(See attached file: E8220-06-04 Report TABLES.xls)
>

March 18, 2005

Matt Hanko
Geocon Environmental
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5590
FAX: (925) 371-5915

RECEIVED
MAR 23 2005
By

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 074215

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 09, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

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Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *18-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T1-1.0
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 11:03:00 AM
Lab ID:	074215-003A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION BY TCLP (EPA 3010A) EPA 1311/ 7420						
RunID: AA2_050315A QC Batch: 21808 PrepDate 3/15/2005 Analyst: **MJM**						
Lead	1.9	0.25		mg/L	1	3/15/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *18-Mar-05*

CLIENT: Geocon Environmental
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_TC

Sample ID **MB-21808A** SampType: **MBLK** TestCode: **7420_TC** Units: **mg/L** Prep Date: **3/15/2005** Run ID: **AA2_050315A**
Client ID: **ZZZZZ** Batch ID: **21808** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **3/15/2005** SeqNo: **698935**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID **MB-21792A TCLP** SampType: **MBLK** TestCode: **7420_TC** Units: **mg/L** Prep Date: **3/15/2005** Run ID: **AA2_050315A**
Client ID: **ZZZZZ** Batch ID: **21808** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **3/15/2005** SeqNo: **698937**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID **LCS-21808** SampType: **LCS** TestCode: **7420_TC** Units: **mg/L** Prep Date: **3/15/2005** Run ID: **AA2_050315A**
Client ID: **ZZZZZ** Batch ID: **21808** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **3/15/2005** SeqNo: **698938**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.114	0.25	1	0	111	80	120	0	0		

Sample ID **075104-001AMS** SampType: **MS** TestCode: **7420_TC** Units: **mg/L** Prep Date: **3/15/2005** Run ID: **AA2_050315A**
Client ID: **ZZZZZ** Batch ID: **21808** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **3/15/2005** SeqNo: **698943**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.767	0.25	2.5	0.1311	105	70	130	0	0		

Sample ID **075104-001AMSD** SampType: **MSD** TestCode: **7420_TC** Units: **mg/L** Prep Date: **3/15/2005** Run ID: **AA2_050315A**
Client ID: **ZZZZZ** Batch ID: **21808** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **3/15/2005** SeqNo: **698944**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.75	0.25	2.5	0.1311	105	70	130	2.767	0.641	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_TC

Sample ID **074824-095ADUP** SampType: **DUP** TestCode: **7420_TC** Units: **mg/L** Prep Date: **3/15/2005** Run ID: **AA2_050315A**
Client ID: **ZZZZZ** Batch ID: **21808** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **3/15/2005** SeqNo: **698941**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.059	0.25	0	0	0	0	0	4.159	67.5	20	R

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Monday, March 14, 2005 7:58 AM
To: Galvan, Diane
Subject: RE Lab Project 074215

Diane:

RE: Lab Project 074215

Please run soluble lead by TCLP for sample T1-1.0 (003)

Thank you,

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

April 05, 2005

RECEIVED
APR 15 2005
By

ACCREDITED IN ACCORDANCE WITH nelac

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Matt Hanko
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

Workorder No.: 074215

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 09, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

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Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *05-Apr-05*

CLIENT: Geocon Consultants, Inc.
Project: SFOBB West Approach Oakland Touchdown, E

Lab Order: 074215

Lab ID: 074215-002 **Collection Date:** 2/7/2005 10:49:00 AM
Client Sample ID: T1-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050401A QC Batch: 22096 PrepDate 3/31/2005 Analyst: RQ						
Lead	2.3	1.0		mg/L	20	4/1/2005

Lab ID: 074215-005 **Collection Date:** 2/7/2005 11:38:00 AM
Client Sample ID: T2-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050401A QC Batch: 22096 PrepDate 3/31/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/1/2005

Lab ID: 074215-007 **Collection Date:** 2/7/2005 12:08:00 AM
Client Sample ID: T4-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050401A QC Batch: 22096 PrepDate 3/31/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/1/2005

Lab ID: 074215-008 **Collection Date:** 2/7/2005 12:36:00 AM
Client Sample ID: T6-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050401A QC Batch: 22096 PrepDate 3/31/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Sample exceding holding time

Results are wet unless othewise specified

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Advanced Technology Laboratories

Date: *05-Apr-05*

CLIENT: Geocon Consultants, Inc.
Project: SFOBB West Approach Oakland Touchdown, E
Lab Order: 074215

Lab ID: 074215-016 **Collection Date:** 2/7/2005 1:16:00 PM
Client Sample ID: T5-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP						
	(EPA 3010A)			**EPA 1311/ 6010B**		
RunID: ICP6_050401A	QC Batch: 22096				PrepDate 3/31/2005	Analyst: **RQ**
Lead	ND	1.0		mg/L	20	4/1/2005

Lab ID: 074215-018 **Collection Date:** 2/7/2005 2:29:00 PM
Client Sample ID: T11-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP						
	(EPA 3010A)			**EPA 1311/ 6010B**		
RunID: ICP6_050401A	QC Batch: 22096				PrepDate 3/31/2005	Analyst: **RQ**
Lead	ND	1.0		mg/L	20	4/1/2005

Qualifiers:

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- J - Analyte detected below quantitation limits
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- DO - Surrogate Diluted Out
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H-Sample exceding holding time

Results are wet unless othewise specified

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Advanced Technology Laboratories

Date: *05-Apr-05*

CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_TC

Sample ID **MB-21808A** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/15/2005** Run ID: **ICP6_050315B**
Client ID: **ZZZZZ** Batch ID: **21808** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **3/15/2005** SeqNo: **698754**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.050									
Arsenic	ND	0.050									
Barium	ND	0.050									
Beryllium	ND	0.050									
Boron	ND	0.050									
Cadmium	ND	0.050									
Chromium	ND	0.050									
Cobalt	ND	0.050									
Copper	ND	0.050									
Iron	ND	0.10									
Lead	ND	0.050									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Selenium	ND	0.050									
Silicon	ND	0.050									
Silver	ND	0.050									
Thallium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.050									

Sample ID **MB-21792A TCLP** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/15/2005** Run ID: **ICP6_050315B**
Client ID: **ZZZZZ** Batch ID: **21808** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **3/15/2005** SeqNo: **698755**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10	0	0	0	0	0	0	0		
Antimony	ND	0.050	0	0	0	0	0	0	0		
Arsenic	ND	0.050	0	0	0	0	0	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_TC

Sample ID **MB-21792A TCLP** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/15/2005** Run ID: **ICP6_050315B**
Client ID: **ZZZZZ** Batch ID: **21808** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **3/15/2005** SeqNo: **698755**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	ND	0.050	0	0	0	0	0	0	0		
Beryllium	ND	0.050	0	0	0	0	0	0	0		
Boron	ND	0.050	0	0	0	0	0	0	0		
Cadmium	ND	0.050	0	0	0	0	0	0	0		
Chromium	ND	0.050	0	0	0	0	0	0	0		
Cobalt	ND	0.050	0	0	0	0	0	0	0		
Copper	ND	0.050	0	0	0	0	0	0	0		
Iron	ND	0.10	0	0	0	0	0	0	0		
Lead	ND	0.050	0	0	0	0	0	0	0		
Manganese	ND	0.050	0	0	0	0	0	0	0		
Molybdenum	ND	0.050	0	0	0	0	0	0	0		
Nickel	ND	0.050	0	0	0	0	0	0	0		
Selenium	ND	0.050	0	0	0	0	0	0	0		
Silicon	ND	0.050	0	0	0	0	0	0	0		
Silver	ND	0.050	0	0	0	0	0	0	0		
Thallium	ND	0.050	0	0	0	0	0	0	0		
Vanadium	ND	0.050	0	0	0	0	0	0	0		
Zinc	ND	0.050	0	0	0	0	0	0	0		

Sample ID **MB-22096A** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711601**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **MB-22088A TCLP** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711602**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050	0	0	0	0	0	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_TC

Sample ID **MB-22096B** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711616**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **MB-22088B TCLP** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711617**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050	0	0	0	0	0	0	0		

Sample ID **LCS-21808** SampType: **LCS** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/15/2005** Run ID: **ICP6_050315B**
Client ID: **ZZZZZ** Batch ID: **21808** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **3/15/2005** SeqNo: **698756**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	20.72	0.10	20	0	104	85	115	0	0		
Antimony	1.008	0.050	1	0	101	85	115	0	0		
Arsenic	0.9887	0.050	1	0	98.9	85	115	0	0		
Barium	1.007	0.050	1	0	101	85	115	0	0		
Beryllium	1.007	0.050	1	0	101	85	115	0	0		
Boron	9.907	0.050	10	0	99.1	85	115	0	0		
Cadmium	1.017	0.050	1	0	102	85	115	0	0		
Chromium	1.011	0.050	1	0	101	85	115	0	0		
Cobalt	1.009	0.050	1	0	101	85	115	0	0		
Copper	0.99	0.050	1	0	99	85	115	0	0		
Iron	19.97	0.10	20	0	99.8	85	115	0	0		
Lead	1.007	0.050	1	0	101	85	115	0	0		
Manganese	19.89	0.050	20	0	99.5	85	115	0	0		
Molybdenum	1.005	0.050	1	0	101	85	115	0	0		
Nickel	1.009	0.050	1	0	101	85	115	0	0		
Selenium	1.028	0.050	1	0	103	85	115	0	0		
Silicon	10.03	0.050	10	0	100	85	115	0	0		
Silver	1.061	0.050	1	0	106	85	115	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_TC

Sample ID **LCS-21808** SampType: **LCS** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/15/2005** Run ID: **ICP6_050315B**
Client ID: **ZZZZZ** Batch ID: **21808** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **3/15/2005** SeqNo: **698756**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Thallium	1.005	0.050	1	0	100	85	115	0	0		
Vanadium	0.9983	0.050	1	0	99.8	85	115	0	0		
Zinc	1.016	0.050	1	0	102	85	115	0	0		

Sample ID **LCS-22096** SampType: **LCS** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711603**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.9323	0.050	1	0	93.2	85	115	0	0		

Sample ID **075104-001AMS** SampType: **MS** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/15/2005** Run ID: **ICP6_050315B**
Client ID: **ZZZZZ** Batch ID: **21808** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **3/15/2005** SeqNo: **698759**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.745	1.0	2.5	0	110	73	124	0	0		
Barium	3.995	1.0	2.5	1.474	101	67	127	0	0		
Cadmium	2.655	1.0	2.5	0	106	72	116	0	0		
Chromium	2.601	1.0	2.5	0	104	72	123	0	0		
Lead	2.546	1.0	2.5	0	102	67	120	0	0		
Selenium	2.53	1.0	2.5	0	101	75	121	0	0		
Silver	2.48	1.0	2.5	0	99.2	78	119	0	0		

Sample ID **074215-008AMS** SampType: **MS** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **T6-0** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711615**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.225	1.0	2.5	0	89	67	120	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_TC

Sample ID **074901-047AMS** SampType: **MS** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711628**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.852	1.0	2.5	1.28	103	67	120	0	0		

Sample ID **075104-001AMSD** SampType: **MSD** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/15/2005** Run ID: **ICP6_050315B**
Client ID: **ZZZZZ** Batch ID: **21808** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **3/15/2005** SeqNo: **698760**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.917	1.0	2.5	0	117	73	124	2.745	6.08	20	
Barium	4.11	1.0	2.5	1.474	105	67	127	3.995	2.83	20	
Cadmium	2.718	1.0	2.5	0	109	72	116	2.655	2.36	20	
Chromium	2.687	1.0	2.5	0	107	72	123	2.601	3.25	20	
Lead	2.645	1.0	2.5	0	106	67	120	2.546	3.82	20	
Selenium	2.691	1.0	2.5	0	108	75	121	2.53	6.17	20	
Silver	2.553	1.0	2.5	0	102	78	119	2.48	2.89	20	

Sample ID **074215-008ADUP** SampType: **DUP** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **T6-0** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711614**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	1.0	0	0	0	0	0	0	0	20	

Sample ID **074901-047ADUP** SampType: **DUP** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711627**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.437	1.0	0	0	0	0	0	1.28	11.5	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Friday, March 25, 2005 4:54 PM
To: Galvan, Diane
Subject: Additional Analysis - Oakland Touch Down

Diane:

RE: Addtional analysis for multiple Lab Project Nos.

Lab Project No. 74546
Please run WET for lead on the following:

Sample ID	Sample No.
T9-0.5	6
T10-0	10
T13-0	14
T14-0	19
T15-1.0	24
T16-0	27
T16-0.5	28
T19-0	29
T19-0.5	30
T19-1.5	32
T20-1.5	36
T21-0.5	38

Please run TCLP for lead on the following:

Lab Project No. 74546

T9-0	5
T15-0.5	23
T20-0	33

Lab Project No. 74484

PG1-0	4
PG1-1.5	5
PG1-3	7
PG1-4.5	6
PG4-1.5	2
PG4-4.5	3
S1-0.5	38
S2-0	45
S2-0.5	41
S2-1.0	40

S3-0	27
S3-0.5	31
S3-1.0	26
S4-0	22
T1-1.5	49

Lab Project No. 74215:

T1-05	2
T2-0.5	5
T4-0.5	7
T5-O.5	16
T6-0	8
T11-0	18

Lab Project No. 74211:

T12-0	1
T17-0	5
T18-0.5	8
T23-0	10
T23-0.5	13
T23-1.0	11

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

March 04, 2005

RECEIVED
MAR 10 2005
By_____

ACCREDITED IN ACCORDANCE WITH nelac

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Matt Hanko
Geocon Environmental
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

Workorder No.: 074484

RE: SFOBB-West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 17, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Project: SFOBB-West Approach Oakland Touchdown, E
LabOrder: 074484

CASE NARRATIVE

AnalyticalCommentsforMethod8015(Diesel/MotorOil)

Samples 074484-001A, 074484-002A, 074484-003A, 074484-004A, 074484-005A, 074484-006A, 074484-007A, 074484-008A, 074484-009A, 074484-010A, 074484-011A, 074484-012A, 074484-013A, 074484-016A, 074484-017A, 074484-019A, 074484-020A, 074484-021A, 074484-022A, 074484-024A, 074484-025A, 074484-026A, 074484-027A, 074484-028A, 074484-029A, 074484-030A, 074484-031A, 074484-033A, 074484-034A, 074484-036A, 074484-037A, 074484-039A, 074484-040A, 074484-041A, 074484-042A, 074484-043A, 074484-045A, 074484-056A and 074484-058A contain hydrocarbons within the diesel/motor oil range that do not match the diesel/motor oil pattern. Quantitation was based on a diesel/motor oil standard.

Samples 074484-014A, 074484-015A, 074484-023A, 074484-032A and 074484-044A contain hydrocarbons within the motor oil range that do not match the motor oil pattern. Quantitation was based on a motor oil standard.

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 3/4/2005

LEAD BY ICP
EPA 6010B

CLIENT:	Geocon Environmental	**Lab Order:**	074484
Project:	SFOBB-West Approach Oakland Touchdown, E	**Date Received:**	2/17/2005 7:50:0
Project No:		**Matrix:**	Soil
PO No:		**Analyst:**	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
074484-049A	T1-1.5	120	mg/Kg	21431	5	1	2/16/2005	2/24/2005
074484-053A	T2-1.0	ND	mg/Kg	21431	5	1	2/16/2005	2/24/2005
074484-054A	T2-1.5	67	mg/Kg	21431	5	1	2/16/2005	2/24/2005
074484-056A	T3-0	5.9	mg/Kg	21431	5	1	2/16/2005	2/24/2005
074484-057A	T3-0.5	6.4	mg/Kg	21431	5	1	2/16/2005	2/24/2005
074484-058A	T3-1.0	38	mg/Kg	21431	5	1	2/16/2005	2/24/2005
074484-059A	T3-1.5	22	mg/Kg	21431	5	1	2/16/2005	2/24/2005
074484-061A	T4-0	69	mg/Kg	21431	5	1	2/16/2005	2/24/2005
074484-062A	T4-0.5	50	mg/Kg	21431	5	1	2/16/2005	2/24/2005
074484-063A	T4-1.0	18	mg/Kg	21431	5	1	2/16/2005	2/24/2005
074484-064A	T4-1.5	7.4	mg/Kg	21431	5	1	2/16/2005	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG4-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:09:00 AM
Lab ID:	074484-001A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	110	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	48	1.0		mg/Kg	1	2/23/2005
Cobalt	5.7	1.0		mg/Kg	1	2/23/2005
Copper	16	1.0		mg/Kg	1	2/23/2005
Lead	9.3	1.0		mg/Kg	1	2/23/2005
Molybdenum	3.7	1.0		mg/Kg	1	2/23/2005
Nickel	33	1.0		mg/Kg	1	2/23/2005
Selenium	6.8	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	28	1.0		mg/Kg	1	2/23/2005
Zinc	30	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_050222A	QC Batch: 21383			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	11	1.0		mg/Kg	1	2/22/2005
Motor Oil	33	1.0		mg/Kg	1	2/22/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG4-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:09:00 AM
Lab ID:	074484-001A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD (EPA 3550B)				**EPA 8081A**		
RunID: GC5_050221A	QC Batch: 21381			PrepDate	2/21/2005	Analyst: **EES**
4,4´-DDD	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDT	ND	2.0		µg/Kg	1	2/22/2005
Aldrin	ND	1.0		µg/Kg	1	2/22/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/22/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
beta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Chlordane	ND	8.5		µg/Kg	1	2/22/2005
delta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Dieldrin	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/22/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/22/2005
Endrin	ND	2.0		µg/Kg	1	2/22/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/22/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/22/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/22/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/22/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/22/2005
Toxaphene	ND	85		µg/Kg	1	2/22/2005
PCB BY GC/ECD (EPA 3550B)				**EPA 8082**		
RunID: GC5_050223A	QC Batch: 21412			PrepDate	2/22/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/23/2005
Aroclor 1221	ND	33		µg/Kg	1	2/23/2005
Aroclor 1232	ND	16		µg/Kg	1	2/23/2005
Aroclor 1242	ND	16		µg/Kg	1	2/23/2005
Aroclor 1248	ND	16		µg/Kg	1	2/23/2005
Aroclor 1254	ND	16		µg/Kg	1	2/23/2005
Aroclor 1260	ND	16		µg/Kg	1	2/23/2005
Aroclor 1262	ND	16		µg/Kg	1	2/23/2005
Aroclor 1268	ND	16		µg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG4-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:12:00 AM
Lab ID:	074484-002A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	78	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	24	1.0		mg/Kg	1	2/23/2005
Cobalt	6.8	1.0		mg/Kg	1	2/23/2005
Copper	28	1.0		mg/Kg	1	2/23/2005
Lead	120	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.0	1.0		mg/Kg	1	2/23/2005
Nickel	23	1.0		mg/Kg	1	2/23/2005
Selenium	2.0	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	24	1.0		mg/Kg	1	2/23/2005
Zinc	87	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050223A	QC Batch: 21383			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	210	10		mg/Kg	5	2/24/2005
Motor Oil	540	10		mg/Kg	5	2/24/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050221A	QC Batch: D05VS029			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.15	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG4-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:12:00 AM
Lab ID:	074484-002A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS1_050218B QC Batch: P05VS008 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/18/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/18/2005
Benzene	ND	5.0		µg/Kg	1	2/18/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/18/2005
Bromoform	ND	5.0		µg/Kg	1	2/18/2005
Bromomethane	ND	5.0		µg/Kg	1	2/18/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/18/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
Chloroethane	ND	5.0		µg/Kg	1	2/18/2005
Chloroform	ND	5.0		µg/Kg	1	2/18/2005
Chloromethane	ND	5.0		µg/Kg	1	2/18/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/18/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/18/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/18/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/18/2005
o-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/18/2005
Toluene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/18/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/18/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG4-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:12:00 AM
Lab ID:	074484-002A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD (EPA 3550B) EPA 8081A						
RunID: GC5_050221A QC Batch: 21381 PrepDate 2/21/2005 Analyst: **EES**						
4,4'-DDD	ND	20		µg/Kg	10	2/22/2005
4,4'-DDE	ND	20		µg/Kg	10	2/22/2005
4,4'-DDT	46	20		µg/Kg	10	2/22/2005
Aldrin	ND	10		µg/Kg	10	2/22/2005
alpha-BHC	ND	10		µg/Kg	10	2/22/2005
alpha-Chlordane	ND	10		µg/Kg	10	2/22/2005
beta-BHC	ND	10		µg/Kg	10	2/22/2005
Chlordane	ND	85		µg/Kg	10	2/22/2005
delta-BHC	ND	10		µg/Kg	10	2/22/2005
Dieldrin	ND	20		µg/Kg	10	2/22/2005
Endosulfan I	ND	10		µg/Kg	10	2/22/2005
Endosulfan II	ND	20		µg/Kg	10	2/22/2005
Endosulfan sulfate	ND	20		µg/Kg	10	2/22/2005
Endrin	ND	20		µg/Kg	10	2/22/2005
Endrin aldehyde	ND	20		µg/Kg	10	2/22/2005
Endrin ketone	ND	20		µg/Kg	10	2/22/2005
gamma-BHC	ND	10		µg/Kg	10	2/22/2005
gamma-Chlordane	ND	10		µg/Kg	10	2/22/2005
Heptachlor	ND	10		µg/Kg	10	2/22/2005
Heptachlor epoxide	ND	10		µg/Kg	10	2/22/2005
Methoxychlor	ND	85		µg/Kg	10	2/22/2005
Toxaphene	ND	850		µg/Kg	10	2/22/2005
PCB BY GC/ECD (EPA 3550B) EPA 8082						
RunID: GC5_050223A QC Batch: 21412 PrepDate 2/22/2005 Analyst: **EES**						
Aroclor 1016	ND	16		µg/Kg	1	2/23/2005
Aroclor 1221	ND	33		µg/Kg	1	2/23/2005
Aroclor 1232	ND	16		µg/Kg	1	2/23/2005
Aroclor 1242	ND	16		µg/Kg	1	2/23/2005
Aroclor 1248	ND	16		µg/Kg	1	2/23/2005
Aroclor 1254	230	16		µg/Kg	1	2/23/2005
Aroclor 1260	110	16		µg/Kg	1	2/23/2005
Aroclor 1262	ND	16		µg/Kg	1	2/23/2005
Aroclor 1268	ND	16		µg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG4-4.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:17:00 AM
Lab ID:	074484-003A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	61	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	21	1.0		mg/Kg	1	2/23/2005
Cobalt	5.2	1.0		mg/Kg	1	2/23/2005
Copper	16	1.0		mg/Kg	1	2/23/2005
Lead	150	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.9	1.0		mg/Kg	1	2/23/2005
Nickel	18	1.0		mg/Kg	1	2/23/2005
Selenium	3.5	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	17	1.0		mg/Kg	1	2/23/2005
Zinc	55	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_050222A	QC Batch: 21383			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	24	1.0		mg/Kg	1	2/22/2005
Motor Oil	60	1.0		mg/Kg	1	2/22/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050221A	QC Batch: D05VS029			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.65	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG4-4.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:17:00 AM
Lab ID:	074484-003A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS1_050218B QC Batch: P05VS008 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/18/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/18/2005
Benzene	ND	5.0		µg/Kg	1	2/18/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/18/2005
Bromoform	ND	5.0		µg/Kg	1	2/18/2005
Bromomethane	ND	5.0		µg/Kg	1	2/18/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/18/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
Chloroethane	ND	5.0		µg/Kg	1	2/18/2005
Chloroform	ND	5.0		µg/Kg	1	2/18/2005
Chloromethane	ND	5.0		µg/Kg	1	2/18/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/18/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/18/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/18/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/18/2005
o-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/18/2005
Toluene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/18/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/18/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG4-4.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:17:00 AM
Lab ID:	074484-003A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD (EPA 3550B) EPA 8081A						
RunID: GC5_050221A QC Batch: 21381 PrepDate 2/21/2005 Analyst: **EES**						
4,4´-DDD	4.3	2.0		µg/Kg	1	2/22/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDT	3.8	2.0		µg/Kg	1	2/22/2005
Aldrin	ND	1.0		µg/Kg	1	2/22/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/22/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
beta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Chlordane	ND	8.5		µg/Kg	1	2/22/2005
delta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Dieldrin	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/22/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/22/2005
Endrin	ND	2.0		µg/Kg	1	2/22/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/22/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/22/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/22/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/22/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/22/2005
Toxaphene	ND	85		µg/Kg	1	2/22/2005
PCB BY GC/ECD (EPA 3550B) EPA 8082						
RunID: GC5_050223A QC Batch: 21412 PrepDate 2/22/2005 Analyst: **EES**						
Aroclor 1016	ND	16		µg/Kg	1	2/23/2005
Aroclor 1221	ND	33		µg/Kg	1	2/23/2005
Aroclor 1232	ND	16		µg/Kg	1	2/23/2005
Aroclor 1242	ND	16		µg/Kg	1	2/23/2005
Aroclor 1248	ND	16		µg/Kg	1	2/23/2005
Aroclor 1254	45	16		µg/Kg	1	2/23/2005
Aroclor 1260	26	16		µg/Kg	1	2/23/2005
Aroclor 1262	ND	16		µg/Kg	1	2/23/2005
Aroclor 1268	ND	16		µg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG1-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:34:00 AM
Lab ID:	074484-004A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	160	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	38	1.0		mg/Kg	1	2/23/2005
Cobalt	9.3	1.0		mg/Kg	1	2/23/2005
Copper	78	1.0		mg/Kg	1	2/23/2005
Lead	180	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.2	1.0		mg/Kg	1	2/23/2005
Nickel	38	1.0		mg/Kg	1	2/23/2005
Selenium	2.8	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	29	1.0		mg/Kg	1	2/23/2005
Zinc	160	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_050222A	QC Batch: 21383			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	8.2	1.0		mg/Kg	1	2/22/2005
Motor Oil	18	1.0		mg/Kg	1	2/22/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.59	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG1-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:34:00 AM
Lab ID:	074484-004A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
(EPA 3550B)				**EPA 8081A**		
RunID: GC5_050221A	QC Batch: 21381			PrepDate	2/21/2005	Analyst: **EES**
4,4´-DDD	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDT	3.9	2.0		µg/Kg	1	2/22/2005
Aldrin	ND	1.0		µg/Kg	1	2/22/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/22/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
beta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Chlordane	ND	8.5		µg/Kg	1	2/22/2005
delta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Dieldrin	4.3	2.0		µg/Kg	1	2/22/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/22/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/22/2005
Endrin	ND	2.0		µg/Kg	1	2/22/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/22/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/22/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/22/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/22/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/22/2005
Toxaphene	ND	85		µg/Kg	1	2/22/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC5_050223A	QC Batch: 21412			PrepDate	2/22/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/23/2005
Aroclor 1221	ND	33		µg/Kg	1	2/23/2005
Aroclor 1232	ND	16		µg/Kg	1	2/23/2005
Aroclor 1242	ND	16		µg/Kg	1	2/23/2005
Aroclor 1248	ND	16		µg/Kg	1	2/23/2005
Aroclor 1254	ND	16		µg/Kg	1	2/23/2005
Aroclor 1260	39	16		µg/Kg	1	2/23/2005
Aroclor 1262	ND	16		µg/Kg	1	2/23/2005
Aroclor 1268	ND	16		µg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG1-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:37:00 AM
Lab ID:	074484-005A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	92	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	29	1.0		mg/Kg	1	2/23/2005
Cobalt	7.6	1.0		mg/Kg	1	2/23/2005
Copper	49	1.0		mg/Kg	1	2/23/2005
Lead	91	1.0		mg/Kg	1	2/23/2005
Molybdenum	1.6	1.0		mg/Kg	1	2/23/2005
Nickel	36	1.0		mg/Kg	1	2/23/2005
Selenium	1.5	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	23	1.0		mg/Kg	1	2/23/2005
Zinc	96	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_050222A	QC Batch: 21383			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	62	1.0		mg/Kg	1	2/22/2005
Motor Oil	160	1.0		mg/Kg	1	2/22/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050221A	QC Batch: D05VS029			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.42	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG1-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:37:00 AM
Lab ID:	074484-005A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS1_050218B QC Batch: P05VS008 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/18/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/18/2005
Benzene	ND	5.0		µg/Kg	1	2/18/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/18/2005
Bromoform	ND	5.0		µg/Kg	1	2/18/2005
Bromomethane	ND	5.0		µg/Kg	1	2/18/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/18/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
Chloroethane	ND	5.0		µg/Kg	1	2/18/2005
Chloroform	ND	5.0		µg/Kg	1	2/18/2005
Chloromethane	ND	5.0		µg/Kg	1	2/18/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/18/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/18/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/18/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/18/2005
o-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/18/2005
Toluene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/18/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/18/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG1-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:37:00 AM
Lab ID:	074484-005A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
(EPA 3550B)				**EPA 8081A**		
RunID: GC5_050221A	QC Batch: 21381			PrepDate	2/21/2005	Analyst: **EES**
4,4´-DDD	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDT	4.5	2.0		µg/Kg	1	2/22/2005
Aldrin	ND	1.0		µg/Kg	1	2/22/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/22/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
beta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Chlordane	ND	8.5		µg/Kg	1	2/22/2005
delta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Dieldrin	5.2	2.0		µg/Kg	1	2/22/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/22/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/22/2005
Endrin	ND	2.0		µg/Kg	1	2/22/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/22/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/22/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/22/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/22/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/22/2005
Toxaphene	ND	85		µg/Kg	1	2/22/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC5_050223A	QC Batch: 21412			PrepDate	2/22/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/23/2005
Aroclor 1221	ND	33		µg/Kg	1	2/23/2005
Aroclor 1232	ND	16		µg/Kg	1	2/23/2005
Aroclor 1242	ND	16		µg/Kg	1	2/23/2005
Aroclor 1248	ND	16		µg/Kg	1	2/23/2005
Aroclor 1254	ND	16		µg/Kg	1	2/23/2005
Aroclor 1260	ND	16		µg/Kg	1	2/23/2005
Aroclor 1262	ND	16		µg/Kg	1	2/23/2005
Aroclor 1268	ND	16		µg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG1-4.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:40:00 AM
Lab ID:	074484-006A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	82	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	29	1.0		mg/Kg	1	2/23/2005
Cobalt	6.7	1.0		mg/Kg	1	2/23/2005
Copper	17	1.0		mg/Kg	1	2/23/2005
Lead	51	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.1	1.0		mg/Kg	1	2/23/2005
Nickel	39	1.0		mg/Kg	1	2/23/2005
Selenium	2.9	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	26	1.0		mg/Kg	1	2/23/2005
Zinc	86	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050223A	QC Batch: 21383			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	150	5.0		mg/Kg	5	2/24/2005
Motor Oil	350	5.0		mg/Kg	5	2/24/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050221A	QC Batch: D05VS029			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.26	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG1-4.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:40:00 AM
Lab ID:	074484-006A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS1_050218B QC Batch: P05VS008 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/18/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/18/2005
Benzene	ND	5.0		µg/Kg	1	2/18/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/18/2005
Bromoform	ND	5.0		µg/Kg	1	2/18/2005
Bromomethane	ND	5.0		µg/Kg	1	2/18/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/18/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
Chloroethane	ND	5.0		µg/Kg	1	2/18/2005
Chloroform	ND	5.0		µg/Kg	1	2/18/2005
Chloromethane	ND	5.0		µg/Kg	1	2/18/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/18/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/18/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/18/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/18/2005
o-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/18/2005
Toluene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/18/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/18/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG1-3
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:40:00 AM
Lab ID:	074484-007A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	94	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	24	1.0		mg/Kg	1	2/23/2005
Cobalt	8.0	1.0		mg/Kg	1	2/23/2005
Copper	30	1.0		mg/Kg	1	2/23/2005
Lead	78	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.2	1.0		mg/Kg	1	2/23/2005
Nickel	29	1.0		mg/Kg	1	2/23/2005
Selenium	3.0	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	25	1.0		mg/Kg	1	2/23/2005
Zinc	150	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_050222A	QC Batch: 21383			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	12	1.0		mg/Kg	1	2/22/2005
Motor Oil	37	1.0		mg/Kg	1	2/22/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050221A	QC Batch: D05VS029			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.38	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG1-3
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:40:00 AM
Lab ID:	074484-007A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS1_050218B QC Batch: P05VS008 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/18/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/18/2005
Benzene	ND	5.0		µg/Kg	1	2/18/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/18/2005
Bromoform	ND	5.0		µg/Kg	1	2/18/2005
Bromomethane	ND	5.0		µg/Kg	1	2/18/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/18/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
Chloroethane	ND	5.0		µg/Kg	1	2/18/2005
Chloroform	ND	5.0		µg/Kg	1	2/18/2005
Chloromethane	ND	5.0		µg/Kg	1	2/18/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/18/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/18/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/18/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/18/2005
o-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/18/2005
Toluene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/18/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/18/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG1-3
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:40:00 AM
Lab ID:	074484-007A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
(EPA 3550B)				**EPA 8081A**		
RunID: GC5_050221A	QC Batch: 21381			PrepDate	2/21/2005	Analyst: **EES**
4,4´-DDD	ND	10		µg/Kg	5	2/22/2005
4,4´-DDE	ND	10		µg/Kg	5	2/22/2005
4,4´-DDT	ND	10		µg/Kg	5	2/22/2005
Aldrin	ND	5.0		µg/Kg	5	2/22/2005
alpha-BHC	ND	5.0		µg/Kg	5	2/22/2005
alpha-Chlordane	ND	5.0		µg/Kg	5	2/22/2005
beta-BHC	ND	5.0		µg/Kg	5	2/22/2005
Chlordane	ND	42		µg/Kg	5	2/22/2005
delta-BHC	ND	5.0		µg/Kg	5	2/22/2005
Dieldrin	ND	10		µg/Kg	5	2/22/2005
Endosulfan I	ND	5.0		µg/Kg	5	2/22/2005
Endosulfan II	ND	10		µg/Kg	5	2/22/2005
Endosulfan sulfate	ND	10		µg/Kg	5	2/22/2005
Endrin	ND	10		µg/Kg	5	2/22/2005
Endrin aldehyde	ND	10		µg/Kg	5	2/22/2005
Endrin ketone	ND	10		µg/Kg	5	2/22/2005
gamma-BHC	ND	5.0		µg/Kg	5	2/22/2005
gamma-Chlordane	ND	5.0		µg/Kg	5	2/22/2005
Heptachlor	ND	5.0		µg/Kg	5	2/22/2005
Heptachlor epoxide	ND	5.0		µg/Kg	5	2/22/2005
Methoxychlor	ND	42		µg/Kg	5	2/22/2005
Toxaphene	ND	420		µg/Kg	5	2/22/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC5_050223A	QC Batch: 21412			PrepDate	2/22/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/23/2005
Aroclor 1221	ND	33		µg/Kg	1	2/23/2005
Aroclor 1232	ND	16		µg/Kg	1	2/23/2005
Aroclor 1242	ND	16		µg/Kg	1	2/23/2005
Aroclor 1248	ND	16		µg/Kg	1	2/23/2005
Aroclor 1254	ND	16		µg/Kg	1	2/23/2005
Aroclor 1260	ND	16		µg/Kg	1	2/23/2005
Aroclor 1262	ND	16		µg/Kg	1	2/23/2005
Aroclor 1268	ND	16		µg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG2-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:54:00 AM
Lab ID:	074484-008A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	95	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	25	1.0		mg/Kg	1	2/23/2005
Cobalt	7.7	1.0		mg/Kg	1	2/23/2005
Copper	18	1.0		mg/Kg	1	2/23/2005
Lead	44	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.6	1.0		mg/Kg	1	2/23/2005
Nickel	25	1.0		mg/Kg	1	2/23/2005
Selenium	5.1	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	27	1.0		mg/Kg	1	2/23/2005
Zinc	48	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050223A	QC Batch: 21383			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	170	5.0		mg/Kg	5	2/24/2005
Motor Oil	270	5.0		mg/Kg	5	2/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG2-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:54:00 AM
Lab ID:	074484-008A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
(EPA 3550B)				**EPA 8081A**		
RunID: GC5_050221A	QC Batch: 21381			PrepDate	2/21/2005	Analyst: **EES**
4,4´-DDD	ND	10		µg/Kg	5	2/22/2005
4,4´-DDE	ND	10		µg/Kg	5	2/22/2005
4,4´-DDT	ND	10		µg/Kg	5	2/22/2005
Aldrin	ND	5.0		µg/Kg	5	2/22/2005
alpha-BHC	ND	5.0		µg/Kg	5	2/22/2005
alpha-Chlordane	ND	5.0		µg/Kg	5	2/22/2005
beta-BHC	ND	5.0		µg/Kg	5	2/22/2005
Chlordane	ND	42		µg/Kg	5	2/22/2005
delta-BHC	ND	5.0		µg/Kg	5	2/22/2005
Dieldrin	ND	10		µg/Kg	5	2/22/2005
Endosulfan I	ND	5.0		µg/Kg	5	2/22/2005
Endosulfan II	ND	10		µg/Kg	5	2/22/2005
Endosulfan sulfate	ND	10		µg/Kg	5	2/22/2005
Endrin	ND	10		µg/Kg	5	2/22/2005
Endrin aldehyde	ND	10		µg/Kg	5	2/22/2005
Endrin ketone	ND	10		µg/Kg	5	2/22/2005
gamma-BHC	ND	5.0		µg/Kg	5	2/22/2005
gamma-Chlordane	ND	5.0		µg/Kg	5	2/22/2005
Heptachlor	ND	5.0		µg/Kg	5	2/22/2005
Heptachlor epoxide	ND	5.0		µg/Kg	5	2/22/2005
Methoxychlor	ND	42		µg/Kg	5	2/22/2005
Toxaphene	ND	420		µg/Kg	5	2/22/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC5_050223A	QC Batch: 21412			PrepDate	2/22/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/23/2005
Aroclor 1221	ND	33		µg/Kg	1	2/23/2005
Aroclor 1232	ND	16		µg/Kg	1	2/23/2005
Aroclor 1242	ND	16		µg/Kg	1	2/23/2005
Aroclor 1248	ND	16		µg/Kg	1	2/23/2005
Aroclor 1254	ND	16		µg/Kg	1	2/23/2005
Aroclor 1260	ND	16		µg/Kg	1	2/23/2005
Aroclor 1262	ND	16		µg/Kg	1	2/23/2005
Aroclor 1268	ND	16		µg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG2-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:58:00 AM
Lab ID:	074484-009A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	54	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	17	1.0		mg/Kg	1	2/23/2005
Cobalt	6.5	1.0		mg/Kg	1	2/23/2005
Copper	15	1.0		mg/Kg	1	2/23/2005
Lead	49	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.4	1.0		mg/Kg	1	2/23/2005
Nickel	19	1.0		mg/Kg	1	2/23/2005
Selenium	4.6	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	16	1.0		mg/Kg	1	2/23/2005
Zinc	54	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_050222A	QC Batch: 21383			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	19	1.0		mg/Kg	1	2/22/2005
Motor Oil	63	1.0		mg/Kg	1	2/22/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050221A	QC Batch: D05VS029			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.19	0.10		mg/Kg	1	2/23/2005

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG2-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:58:00 AM
Lab ID:	074484-009A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS1_050218B QC Batch: P05VS008 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/18/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/18/2005
Benzene	ND	5.0		µg/Kg	1	2/18/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/18/2005
Bromoform	ND	5.0		µg/Kg	1	2/18/2005
Bromomethane	ND	5.0		µg/Kg	1	2/18/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/18/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
Chloroethane	ND	5.0		µg/Kg	1	2/18/2005
Chloroform	ND	5.0		µg/Kg	1	2/18/2005
Chloromethane	ND	5.0		µg/Kg	1	2/18/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/18/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/18/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/18/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/18/2005
o-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/18/2005
Toluene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/18/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/18/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG2-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 9:58:00 AM
Lab ID:	074484-009A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD (EPA 3550B) EPA 8081A						
RunID: GC5_050221A QC Batch: 21381 PrepDate 2/21/2005 Analyst: **EES**						
4,4´-DDD	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDT	ND	2.0		µg/Kg	1	2/22/2005
Aldrin	ND	1.0		µg/Kg	1	2/22/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/22/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
beta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Chlordane	ND	8.5		µg/Kg	1	2/22/2005
delta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Dieldrin	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/22/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/22/2005
Endrin	ND	2.0		µg/Kg	1	2/22/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/22/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/22/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/22/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/22/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/22/2005
Toxaphene	ND	85		µg/Kg	1	2/22/2005
PCB BY GC/ECD (EPA 3550B) EPA 8082						
RunID: GC5_050223A QC Batch: 21412 PrepDate 2/22/2005 Analyst: **EES**						
Aroclor 1016	ND	16		µg/Kg	1	2/23/2005
Aroclor 1221	ND	33		µg/Kg	1	2/23/2005
Aroclor 1232	ND	16		µg/Kg	1	2/23/2005
Aroclor 1242	ND	16		µg/Kg	1	2/23/2005
Aroclor 1248	ND	16		µg/Kg	1	2/23/2005
Aroclor 1254	ND	16		µg/Kg	1	2/23/2005
Aroclor 1260	ND	16		µg/Kg	1	2/23/2005
Aroclor 1262	ND	16		µg/Kg	1	2/23/2005
Aroclor 1268	ND	16		µg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-404

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG2-4.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:04:00 AM
Lab ID:	074484-010A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	110	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	11	1.0		mg/Kg	1	2/23/2005
Cobalt	5.3	1.0		mg/Kg	1	2/23/2005
Copper	6.9	1.0		mg/Kg	1	2/23/2005
Lead	6.4	1.0		mg/Kg	1	2/23/2005
Molybdenum	1.7	1.0		mg/Kg	1	2/23/2005
Nickel	13	1.0		mg/Kg	1	2/23/2005
Selenium	3.8	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	16	1.0		mg/Kg	1	2/23/2005
Zinc	24	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_050222A	QC Batch: 21383			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	2.3	1.0		mg/Kg	1	2/22/2005
Motor Oil	4.0	1.0		mg/Kg	1	2/22/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050221A	QC Batch: D05VS029			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.44	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG2-4.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:04:00 AM
Lab ID:	074484-010A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS1_050218B QC Batch: P05VS008 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/18/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/18/2005
Benzene	ND	5.0		µg/Kg	1	2/18/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/18/2005
Bromoform	ND	5.0		µg/Kg	1	2/18/2005
Bromomethane	ND	5.0		µg/Kg	1	2/18/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/18/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
Chloroethane	ND	5.0		µg/Kg	1	2/18/2005
Chloroform	ND	5.0		µg/Kg	1	2/18/2005
Chloromethane	ND	5.0		µg/Kg	1	2/18/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/18/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/18/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/18/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/18/2005
o-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/18/2005
Toluene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/18/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/18/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG2-3
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:04:00 AM
Lab ID:	074484-011A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	67	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	24	1.0		mg/Kg	1	2/23/2005
Cobalt	8.2	1.0		mg/Kg	1	2/23/2005
Copper	11	1.0		mg/Kg	1	2/23/2005
Lead	10	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.0	1.0		mg/Kg	1	2/23/2005
Nickel	25	1.0		mg/Kg	1	2/23/2005
Selenium	2.0	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	21	1.0		mg/Kg	1	2/23/2005
Zinc	33	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222B	QC Batch: 21388			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	1.4	1.0		mg/Kg	1	2/22/2005
Motor Oil	2.8	1.0		mg/Kg	1	2/22/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050221A	QC Batch: D05VS029			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.61	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG2-3
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:04:00 AM
Lab ID:	074484-011A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS1_050218B QC Batch: P05VS008 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/18/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/18/2005
Benzene	ND	5.0		µg/Kg	1	2/18/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/18/2005
Bromoform	ND	5.0		µg/Kg	1	2/18/2005
Bromomethane	ND	5.0		µg/Kg	1	2/18/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/18/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
Chloroethane	ND	5.0		µg/Kg	1	2/18/2005
Chloroform	ND	5.0		µg/Kg	1	2/18/2005
Chloromethane	ND	5.0		µg/Kg	1	2/18/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/18/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/18/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/18/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/18/2005
o-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/18/2005
Toluene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/18/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/18/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG2-3
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:04:00 AM
Lab ID:	074484-011A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD (EPA 3550B) EPA 8081A						
RunID: GC5_050221A QC Batch: 21381 PrepDate 2/21/2005 Analyst: **EES**						
4,4´-DDD	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDT	ND	2.0		µg/Kg	1	2/22/2005
Aldrin	ND	1.0		µg/Kg	1	2/22/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/22/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
beta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Chlordane	ND	8.5		µg/Kg	1	2/22/2005
delta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Dieldrin	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/22/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/22/2005
Endrin	ND	2.0		µg/Kg	1	2/22/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/22/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/22/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/22/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/22/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/22/2005
Toxaphene	ND	85		µg/Kg	1	2/22/2005
PCB BY GC/ECD (EPA 3550B) EPA 8082						
RunID: GC5_050223A QC Batch: 21412 PrepDate 2/22/2005 Analyst: **EES**						
Aroclor 1016	ND	16		µg/Kg	1	2/23/2005
Aroclor 1221	ND	33		µg/Kg	1	2/23/2005
Aroclor 1232	ND	16		µg/Kg	1	2/23/2005
Aroclor 1242	ND	16		µg/Kg	1	2/23/2005
Aroclor 1248	ND	16		µg/Kg	1	2/23/2005
Aroclor 1254	ND	16		µg/Kg	1	2/23/2005
Aroclor 1260	ND	16		µg/Kg	1	2/23/2005
Aroclor 1262	ND	16		µg/Kg	1	2/23/2005
Aroclor 1268	ND	16		µg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG3-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:12:00 AM
Lab ID:	074484-012A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	100	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	14	1.0		mg/Kg	1	2/23/2005
Cobalt	3.6	1.0		mg/Kg	1	2/23/2005
Copper	10	1.0		mg/Kg	1	2/23/2005
Lead	4.4	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.9	1.0		mg/Kg	1	2/23/2005
Nickel	16	1.0		mg/Kg	1	2/23/2005
Selenium	7.5	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	19	1.0		mg/Kg	1	2/23/2005
Zinc	20	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222B	QC Batch: 21388			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	14	1.0		mg/Kg	1	2/22/2005
Motor Oil	41	1.0		mg/Kg	1	2/22/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG3-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:12:00 AM
Lab ID:	074484-012A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
(EPA 3550B)				**EPA 8081A**		
RunID: GC5_050221A	QC Batch: 21381			PrepDate	2/21/2005	Analyst: **EES**
4,4´-DDD	ND	4.0		µg/Kg	2	2/22/2005
4,4´-DDE	ND	4.0		µg/Kg	2	2/22/2005
4,4´-DDT	ND	4.0		µg/Kg	2	2/22/2005
Aldrin	ND	2.0		µg/Kg	2	2/22/2005
alpha-BHC	ND	2.0		µg/Kg	2	2/22/2005
alpha-Chlordane	ND	2.0		µg/Kg	2	2/22/2005
beta-BHC	ND	2.0		µg/Kg	2	2/22/2005
Chlordane	ND	17		µg/Kg	2	2/22/2005
delta-BHC	ND	2.0		µg/Kg	2	2/22/2005
Dieldrin	ND	4.0		µg/Kg	2	2/22/2005
Endosulfan I	ND	2.0		µg/Kg	2	2/22/2005
Endosulfan II	ND	4.0		µg/Kg	2	2/22/2005
Endosulfan sulfate	ND	4.0		µg/Kg	2	2/22/2005
Endrin	ND	4.0		µg/Kg	2	2/22/2005
Endrin aldehyde	ND	4.0		µg/Kg	2	2/22/2005
Endrin ketone	ND	4.0		µg/Kg	2	2/22/2005
gamma-BHC	ND	2.0		µg/Kg	2	2/22/2005
gamma-Chlordane	ND	2.0		µg/Kg	2	2/22/2005
Heptachlor	ND	2.0		µg/Kg	2	2/22/2005
Heptachlor epoxide	ND	2.0		µg/Kg	2	2/22/2005
Methoxychlor	ND	17		µg/Kg	2	2/22/2005
Toxaphene	ND	170		µg/Kg	2	2/22/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC5_050223A	QC Batch: 21412			PrepDate	2/22/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/23/2005
Aroclor 1221	ND	33		µg/Kg	1	2/23/2005
Aroclor 1232	ND	16		µg/Kg	1	2/23/2005
Aroclor 1242	ND	16		µg/Kg	1	2/23/2005
Aroclor 1248	ND	16		µg/Kg	1	2/23/2005
Aroclor 1254	20	16		µg/Kg	1	2/23/2005
Aroclor 1260	ND	16		µg/Kg	1	2/23/2005
Aroclor 1262	ND	16		µg/Kg	1	2/23/2005
Aroclor 1268	ND	16		µg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG3-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:12:00 AM
Lab ID:	074484-013A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	110	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	16	1.0		mg/Kg	1	2/23/2005
Cobalt	6.6	1.0		mg/Kg	1	2/23/2005
Copper	93	1.0		mg/Kg	1	2/23/2005
Lead	50	1.0		mg/Kg	1	2/23/2005
Molybdenum	1.9	1.0		mg/Kg	1	2/23/2005
Nickel	20	1.0		mg/Kg	1	2/23/2005
Selenium	3.6	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	21	1.0		mg/Kg	1	2/23/2005
Zinc	86	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222B	QC Batch: 21388			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	370	40		mg/Kg	10	2/22/2005
Motor Oil	1400	40		mg/Kg	10	2/22/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050221A	QC Batch: D05VS029			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	8.1	0.50		mg/Kg	5	2/23/2005

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG3-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:12:00 AM
Lab ID:	074484-013A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS1_050218B QC Batch: P05VS008 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/18/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/18/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/18/2005
Benzene	ND	5.0		µg/Kg	1	2/18/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/18/2005
Bromoform	ND	5.0		µg/Kg	1	2/18/2005
Bromomethane	ND	5.0		µg/Kg	1	2/18/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/18/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/18/2005
Chloroethane	ND	5.0		µg/Kg	1	2/18/2005
Chloroform	ND	5.0		µg/Kg	1	2/18/2005
Chloromethane	ND	5.0		µg/Kg	1	2/18/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/18/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/18/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/18/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/18/2005
o-Xylene	ND	5.0		µg/Kg	1	2/18/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/18/2005
Toluene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/18/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/18/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/18/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/18/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/18/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG3-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:12:00 AM
Lab ID:	074484-013A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
(EPA 3550B)				**EPA 8081A**		
RunID: GC9_050222A	QC Batch: 21406			PrepDate	2/22/2005	Analyst: **EES**
4,4´-DDD	ND	10		µg/Kg	5	2/28/2005
4,4´-DDE	ND	10		µg/Kg	5	2/28/2005
4,4´-DDT	ND	10		µg/Kg	5	2/28/2005
Aldrin	ND	5.0		µg/Kg	5	2/28/2005
alpha-BHC	ND	5.0		µg/Kg	5	2/28/2005
alpha-Chlordane	ND	5.0		µg/Kg	5	2/28/2005
beta-BHC	ND	5.0		µg/Kg	5	2/28/2005
Chlordane	ND	42		µg/Kg	5	2/28/2005
delta-BHC	ND	5.0		µg/Kg	5	2/28/2005
Dieldrin	ND	10		µg/Kg	5	2/28/2005
Endosulfan I	ND	5.0		µg/Kg	5	2/28/2005
Endosulfan II	ND	10		µg/Kg	5	2/28/2005
Endosulfan sulfate	ND	10		µg/Kg	5	2/28/2005
Endrin	ND	10		µg/Kg	5	2/28/2005
Endrin aldehyde	ND	10		µg/Kg	5	2/28/2005
Endrin ketone	ND	10		µg/Kg	5	2/28/2005
gamma-BHC	ND	5.0		µg/Kg	5	2/28/2005
gamma-Chlordane	ND	5.0		µg/Kg	5	2/28/2005
Heptachlor	ND	5.0		µg/Kg	5	2/28/2005
Heptachlor epoxide	ND	5.0		µg/Kg	5	2/28/2005
Methoxychlor	ND	42		µg/Kg	5	2/28/2005
Toxaphene	ND	420		µg/Kg	5	2/28/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC5_050223B	QC Batch: 21406			PrepDate	2/22/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/23/2005
Aroclor 1221	ND	33		µg/Kg	1	2/23/2005
Aroclor 1232	ND	16		µg/Kg	1	2/23/2005
Aroclor 1242	ND	16		µg/Kg	1	2/23/2005
Aroclor 1248	ND	16		µg/Kg	1	2/23/2005
Aroclor 1254	ND	16		µg/Kg	1	2/23/2005
Aroclor 1260	ND	16		µg/Kg	1	2/23/2005
Aroclor 1262	ND	16		µg/Kg	1	2/23/2005
Aroclor 1268	ND	16		µg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG3-3
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:17:00 AM
Lab ID:	074484-014A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	18	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	30	1.0		mg/Kg	1	2/23/2005
Cobalt	9.8	1.0		mg/Kg	1	2/23/2005
Copper	6.8	1.0		mg/Kg	1	2/23/2005
Lead	2.4	1.0		mg/Kg	1	2/23/2005
Molybdenum	1.8	1.0		mg/Kg	1	2/23/2005
Nickel	32	1.0		mg/Kg	1	2/23/2005
Selenium	2.4	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	21	1.0		mg/Kg	1	2/23/2005
Zinc	30	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222B	QC Batch: 21388			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	ND	1.0		mg/Kg	1	2/22/2005
Motor Oil	1.8	1.0		mg/Kg	1	2/22/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050221A	QC Batch: D05VS029			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG3-3
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:17:00 AM
Lab ID:	074484-014A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS1_050218B QC Batch: P05VS008 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/19/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/19/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/19/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/19/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/19/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/19/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/19/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/19/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/19/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/19/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/19/2005
Benzene	ND	5.0		µg/Kg	1	2/19/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/19/2005
Bromoform	ND	5.0		µg/Kg	1	2/19/2005
Bromomethane	ND	5.0		µg/Kg	1	2/19/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/19/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/19/2005
Chloroethane	ND	5.0		µg/Kg	1	2/19/2005
Chloroform	ND	5.0		µg/Kg	1	2/19/2005
Chloromethane	ND	5.0		µg/Kg	1	2/19/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/19/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/19/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/19/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/19/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/19/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/19/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/19/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/19/2005
o-Xylene	ND	5.0		µg/Kg	1	2/19/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/19/2005
Toluene	ND	5.0		µg/Kg	1	2/19/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/19/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/19/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/19/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/19/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/19/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG3-3
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:17:00 AM
Lab ID:	074484-014A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
(EPA 3550B)				**EPA 8081A**		
RunID: GC9_050222A	QC Batch: 21406			PrepDate	2/22/2005	Analyst: **EES**
4,4´-DDD	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDT	ND	2.0		µg/Kg	1	2/22/2005
Aldrin	ND	1.0		µg/Kg	1	2/22/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/22/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
beta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Chlordane	ND	8.5		µg/Kg	1	2/22/2005
delta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Dieldrin	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/22/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/22/2005
Endrin	ND	2.0		µg/Kg	1	2/22/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/22/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/22/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/22/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/22/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/22/2005
Toxaphene	ND	85		µg/Kg	1	2/22/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC5_050223B	QC Batch: 21406			PrepDate	2/22/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/23/2005
Aroclor 1221	ND	33		µg/Kg	1	2/23/2005
Aroclor 1232	ND	16		µg/Kg	1	2/23/2005
Aroclor 1242	ND	16		µg/Kg	1	2/23/2005
Aroclor 1248	ND	16		µg/Kg	1	2/23/2005
Aroclor 1254	ND	16		µg/Kg	1	2/23/2005
Aroclor 1260	ND	16		µg/Kg	1	2/23/2005
Aroclor 1262	ND	16		µg/Kg	1	2/23/2005
Aroclor 1268	ND	16		µg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG3-4.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:20:00 AM
Lab ID:	074484-015A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	32	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	40	1.0		mg/Kg	1	2/23/2005
Cobalt	9.0	1.0		mg/Kg	1	2/23/2005
Copper	16	1.0		mg/Kg	1	2/23/2005
Lead	4.4	1.0		mg/Kg	1	2/23/2005
Molybdenum	1.5	1.0		mg/Kg	1	2/23/2005
Nickel	37	1.0		mg/Kg	1	2/23/2005
Selenium	1.7	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	31	1.0		mg/Kg	1	2/23/2005
Zinc	38	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222B	QC Batch: 21388			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	ND	1.0		mg/Kg	1	2/22/2005
Motor Oil	1.1	1.0		mg/Kg	1	2/22/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050221B	QC Batch: D05VS030			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.18	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG3-4.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:20:00 AM
Lab ID:	074484-015A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050221A QC Batch: R05VS042 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/21/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/21/2005
Benzene	ND	5.0		µg/Kg	1	2/21/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/21/2005
Bromoform	ND	5.0		µg/Kg	1	2/21/2005
Bromomethane	ND	5.0		µg/Kg	1	2/21/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/21/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
Chloroethane	ND	5.0		µg/Kg	1	2/21/2005
Chloroform	ND	5.0		µg/Kg	1	2/21/2005
Chloromethane	ND	5.0		µg/Kg	1	2/21/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/21/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/21/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/21/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/21/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/21/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/21/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/21/2005
o-Xylene	ND	5.0		µg/Kg	1	2/21/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/21/2005
Toluene	ND	5.0		µg/Kg	1	2/21/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/21/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/21/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/21/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/21/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG6-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:40:00 AM
Lab ID:	074484-016A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	190	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	16	1.0		mg/Kg	1	2/23/2005
Cobalt	7.6	1.0		mg/Kg	1	2/23/2005
Copper	38	1.0		mg/Kg	1	2/23/2005
Lead	19	1.0		mg/Kg	1	2/23/2005
Molybdenum	1.3	1.0		mg/Kg	1	2/23/2005
Nickel	22	1.0		mg/Kg	1	2/23/2005
Selenium	2.4	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	19	1.0		mg/Kg	1	2/23/2005
Zinc	49	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222B	QC Batch: 21388			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	64	2.0		mg/Kg	1	2/22/2005
Motor Oil	230	2.0		mg/Kg	1	2/22/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	1.2	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG6-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:40:00 AM
Lab ID:	074484-016A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD (EPA 3550B) EPA 8081A						
RunID: GC9_050222A QC Batch: 21406 PrepDate 2/22/2005 Analyst: **EES**						
4,4´-DDD	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDT	ND	2.0		µg/Kg	1	2/22/2005
Aldrin	ND	1.0		µg/Kg	1	2/22/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/22/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
beta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Chlordane	ND	8.5		µg/Kg	1	2/22/2005
delta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Dieldrin	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/22/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/22/2005
Endrin	ND	2.0		µg/Kg	1	2/22/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/22/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/22/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/22/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/22/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/22/2005
Toxaphene	ND	85		µg/Kg	1	2/22/2005
PCB BY GC/ECD (EPA 3550B) EPA 8082						
RunID: GC5_050223B QC Batch: 21406 PrepDate 2/22/2005 Analyst: **EES**						
Aroclor 1016	ND	16		µg/Kg	1	2/23/2005
Aroclor 1221	ND	33		µg/Kg	1	2/23/2005
Aroclor 1232	ND	16		µg/Kg	1	2/23/2005
Aroclor 1242	ND	16		µg/Kg	1	2/23/2005
Aroclor 1248	ND	16		µg/Kg	1	2/23/2005
Aroclor 1254	ND	16		µg/Kg	1	2/23/2005
Aroclor 1260	ND	16		µg/Kg	1	2/23/2005
Aroclor 1262	ND	16		µg/Kg	1	2/23/2005
Aroclor 1268	ND	16		µg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG6-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:45:00 AM
Lab ID:	074484-017A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	27	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	36	1.0		mg/Kg	1	2/23/2005
Cobalt	7.6	1.0		mg/Kg	1	2/23/2005
Copper	18	1.0		mg/Kg	1	2/23/2005
Lead	4.5	1.0		mg/Kg	1	2/23/2005
Molybdenum	1.5	1.0		mg/Kg	1	2/23/2005
Nickel	37	1.0		mg/Kg	1	2/23/2005
Selenium	ND	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	28	1.0		mg/Kg	1	2/23/2005
Zinc	37	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222B	QC Batch: 21388			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	1.8	1.0		mg/Kg	1	2/22/2005
Motor Oil	5.3	1.0		mg/Kg	1	2/22/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050221B	QC Batch: D05VS030			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.16	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG6-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:45:00 AM
Lab ID:	074484-017A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050221A QC Batch: R05VS042 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/21/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/21/2005
Benzene	ND	5.0		µg/Kg	1	2/21/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/21/2005
Bromoform	ND	5.0		µg/Kg	1	2/21/2005
Bromomethane	ND	5.0		µg/Kg	1	2/21/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/21/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
Chloroethane	ND	5.0		µg/Kg	1	2/21/2005
Chloroform	ND	5.0		µg/Kg	1	2/21/2005
Chloromethane	ND	5.0		µg/Kg	1	2/21/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/21/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/21/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/21/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/21/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/21/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/21/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/21/2005
o-Xylene	ND	5.0		µg/Kg	1	2/21/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/21/2005
Toluene	ND	5.0		µg/Kg	1	2/21/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/21/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/21/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/21/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/21/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG6-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:45:00 AM
Lab ID:	074484-017A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD (EPA 3550B) EPA 8081A						
RunID: GC9_050222A QC Batch: 21406 PrepDate 2/22/2005 Analyst: **EES**						
4,4´-DDD	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDT	ND	2.0		µg/Kg	1	2/22/2005
Aldrin	ND	1.0		µg/Kg	1	2/22/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/22/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
beta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Chlordane	ND	8.5		µg/Kg	1	2/22/2005
delta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Dieldrin	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/22/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/22/2005
Endrin	ND	2.0		µg/Kg	1	2/22/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/22/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/22/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/22/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/22/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/22/2005
Toxaphene	ND	85		µg/Kg	1	2/22/2005
PCB BY GC/ECD (EPA 3550B) EPA 8082						
RunID: GC5_050223B QC Batch: 21406 PrepDate 2/22/2005 Analyst: **EES**						
Aroclor 1016	ND	16		µg/Kg	1	2/23/2005
Aroclor 1221	ND	33		µg/Kg	1	2/23/2005
Aroclor 1232	ND	16		µg/Kg	1	2/23/2005
Aroclor 1242	ND	16		µg/Kg	1	2/23/2005
Aroclor 1248	ND	16		µg/Kg	1	2/23/2005
Aroclor 1254	ND	16		µg/Kg	1	2/23/2005
Aroclor 1260	ND	16		µg/Kg	1	2/23/2005
Aroclor 1262	ND	16		µg/Kg	1	2/23/2005
Aroclor 1268	ND	16		µg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG6-3
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:45:00 AM
Lab ID:	074484-018A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	26	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	37	1.0		mg/Kg	1	2/23/2005
Cobalt	9.6	1.0		mg/Kg	1	2/23/2005
Copper	12	1.0		mg/Kg	1	2/23/2005
Lead	3.8	1.0		mg/Kg	1	2/23/2005
Molybdenum	1.8	1.0		mg/Kg	1	2/23/2005
Nickel	36	1.0		mg/Kg	1	2/23/2005
Selenium	3.2	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	28	1.0		mg/Kg	1	2/23/2005
Zinc	36	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222B	QC Batch: 21388			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	ND	1.0		mg/Kg	1	2/22/2005
Motor Oil	ND	1.0		mg/Kg	1	2/22/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050221B	QC Batch: D05VS030			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG6-3
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:45:00 AM
Lab ID:	074484-018A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050221A QC Batch: R05VS042 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/21/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/21/2005
Benzene	ND	5.0		µg/Kg	1	2/21/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/21/2005
Bromoform	ND	5.0		µg/Kg	1	2/21/2005
Bromomethane	ND	5.0		µg/Kg	1	2/21/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/21/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
Chloroethane	ND	5.0		µg/Kg	1	2/21/2005
Chloroform	ND	5.0		µg/Kg	1	2/21/2005
Chloromethane	ND	5.0		µg/Kg	1	2/21/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/21/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/21/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/21/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/21/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/21/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/21/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/21/2005
o-Xylene	ND	5.0		µg/Kg	1	2/21/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/21/2005
Toluene	ND	5.0		µg/Kg	1	2/21/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/21/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/21/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/21/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/21/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG6-3
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:45:00 AM
Lab ID:	074484-018A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD (EPA 3550B) EPA 8081A						
RunID: GC9_050222A QC Batch: 21406 PrepDate 2/22/2005 Analyst: **EES**						
4,4´-DDD	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/22/2005
4,4´-DDT	ND	2.0		µg/Kg	1	2/22/2005
Aldrin	ND	1.0		µg/Kg	1	2/22/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/22/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
beta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Chlordane	ND	8.5		µg/Kg	1	2/22/2005
delta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Dieldrin	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/22/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/22/2005
Endrin	ND	2.0		µg/Kg	1	2/22/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/22/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/22/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/22/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/22/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/22/2005
Toxaphene	ND	85		µg/Kg	1	2/22/2005
PCB BY GC/ECD (EPA 3550B) EPA 8082						
RunID: GC5_050223B QC Batch: 21406 PrepDate 2/22/2005 Analyst: **EES**						
Aroclor 1016	ND	16		µg/Kg	1	2/24/2005
Aroclor 1221	ND	33		µg/Kg	1	2/24/2005
Aroclor 1232	ND	16		µg/Kg	1	2/24/2005
Aroclor 1242	ND	16		µg/Kg	1	2/24/2005
Aroclor 1248	ND	16		µg/Kg	1	2/24/2005
Aroclor 1254	ND	16		µg/Kg	1	2/24/2005
Aroclor 1260	ND	16		µg/Kg	1	2/24/2005
Aroclor 1262	ND	16		µg/Kg	1	2/24/2005
Aroclor 1268	ND	16		µg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG6-4.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:50:00 AM
Lab ID:	074484-019A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	34	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	42	1.0		mg/Kg	1	2/23/2005
Cobalt	9.4	1.0		mg/Kg	1	2/23/2005
Copper	15	1.0		mg/Kg	1	2/23/2005
Lead	4.4	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.2	1.0		mg/Kg	1	2/23/2005
Nickel	38	1.0		mg/Kg	1	2/23/2005
Selenium	2.4	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	35	1.0		mg/Kg	1	2/23/2005
Zinc	37	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222B	QC Batch: 21388			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	2.7	1.0		mg/Kg	1	2/22/2005
Motor Oil	2.5	1.0		mg/Kg	1	2/22/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050221B	QC Batch: D05VS030			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PG6-4.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 10:50:00 AM
Lab ID:	074484-019A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050221A QC Batch: R05VS042 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/21/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/21/2005
Benzene	ND	5.0		µg/Kg	1	2/21/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/21/2005
Bromoform	ND	5.0		µg/Kg	1	2/21/2005
Bromomethane	ND	5.0		µg/Kg	1	2/21/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/21/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
Chloroethane	ND	5.0		µg/Kg	1	2/21/2005
Chloroform	ND	5.0		µg/Kg	1	2/21/2005
Chloromethane	ND	5.0		µg/Kg	1	2/21/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/21/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/21/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/21/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/21/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/21/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/21/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/21/2005
o-Xylene	ND	5.0		µg/Kg	1	2/21/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/21/2005
Toluene	ND	5.0		µg/Kg	1	2/21/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/21/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/21/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/21/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/21/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S4-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 11:09:00 AM
Lab ID:	074484-020A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223B	QC Batch: 21402			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	20	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	23	1.0		mg/Kg	1	2/23/2005
Cobalt	4.6	1.0		mg/Kg	1	2/23/2005
Copper	4.5	1.0		mg/Kg	1	2/23/2005
Lead	1.8	1.0		mg/Kg	1	2/23/2005
Molybdenum	1.3	1.0		mg/Kg	1	2/23/2005
Nickel	18	1.0		mg/Kg	1	2/23/2005
Selenium	2.5	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	16	1.0		mg/Kg	1	2/23/2005
Zinc	11	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222B	QC Batch: 21388			PrepDate	2/21/2005	Analyst: **CBR**
Diesel	1.9	1.0		mg/Kg	1	2/22/2005
Motor Oil	1.7	1.0		mg/Kg	1	2/22/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223C	QC Batch: 21396			PrepDate	2/22/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S4-1
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 11:17:00 AM
Lab ID:	074484-021A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	41	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	1.1	1.0		mg/Kg	1	2/23/2005
Chromium	3.1	1.0		mg/Kg	1	2/23/2005
Cobalt	22	1.0		mg/Kg	1	2/23/2005
Copper	47	1.0		mg/Kg	1	2/23/2005
Lead	11	1.0		mg/Kg	1	2/23/2005
Molybdenum	ND	1.0		mg/Kg	1	2/23/2005
Nickel	6.1	1.0		mg/Kg	1	2/23/2005
Selenium	ND	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	150	1.0		mg/Kg	1	2/23/2005
Zinc	53	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222C	QC Batch: 21400			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	12	1.0		mg/Kg	1	2/23/2005
Motor Oil	32	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.34	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S4-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 11:17:00 AM
Lab ID:	074484-022A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	56	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	21	1.0		mg/Kg	1	2/23/2005
Cobalt	8.7	1.0		mg/Kg	1	2/23/2005
Copper	53	1.0		mg/Kg	1	2/23/2005
Lead	270	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.4	1.0		mg/Kg	1	2/23/2005
Nickel	17	1.0		mg/Kg	1	2/23/2005
Selenium	1.4	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	41	1.0		mg/Kg	1	2/23/2005
Zinc	160	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222C	QC Batch: 21400			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	35	1.0		mg/Kg	1	2/23/2005
Motor Oil	72	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.30	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S4-2
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 11:23:00 AM
Lab ID:	074484-023A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	28	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	30	1.0		mg/Kg	1	2/23/2005
Cobalt	5.1	1.0		mg/Kg	1	2/23/2005
Copper	3.3	1.0		mg/Kg	1	2/23/2005
Lead	3.3	1.0		mg/Kg	1	2/23/2005
Molybdenum	1.6	1.0		mg/Kg	1	2/23/2005
Nickel	23	1.0		mg/Kg	1	2/23/2005
Selenium	3.2	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	18	1.0		mg/Kg	1	2/23/2005
Zinc	14	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222C	QC Batch: 21400			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	ND	1.0		mg/Kg	1	2/23/2005
Motor Oil	1.0	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S4-0.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 11:23:00 AM
Lab ID:	074484-024A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	87	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	22	1.0		mg/Kg	1	2/23/2005
Cobalt	7.7	1.0		mg/Kg	1	2/23/2005
Copper	88	1.0		mg/Kg	1	2/23/2005
Lead	690	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.7	1.0		mg/Kg	1	2/23/2005
Nickel	17	1.0		mg/Kg	1	2/23/2005
Selenium	3.1	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	33	1.0		mg/Kg	1	2/23/2005
Zinc	140	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222C	QC Batch: 21400			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	73	2.0		mg/Kg	1	2/23/2005
Motor Oil	160	2.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.18	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S3-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 11:50:00 AM
Lab ID:	074484-025A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	110	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	15	1.0		mg/Kg	1	2/23/2005
Cobalt	8.7	1.0		mg/Kg	1	2/23/2005
Copper	23	1.0		mg/Kg	1	2/23/2005
Lead	41	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.0	1.0		mg/Kg	1	2/23/2005
Nickel	18	1.0		mg/Kg	1	2/23/2005
Selenium	4.3	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	19	1.0		mg/Kg	1	2/23/2005
Zinc	47	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222C	QC Batch: 21400			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	5.7	1.0		mg/Kg	1	2/23/2005
Motor Oil	13	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.50	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S3-1.0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 11:52:00 AM
Lab ID:	074484-026A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	120	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	13	1.0		mg/Kg	1	2/23/2005
Cobalt	7.4	1.0		mg/Kg	1	2/23/2005
Copper	35	1.0		mg/Kg	1	2/23/2005
Lead	160	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.1	1.0		mg/Kg	1	2/23/2005
Nickel	13	1.0		mg/Kg	1	2/23/2005
Selenium	3.4	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	32	1.0		mg/Kg	1	2/23/2005
Zinc	81	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222C	QC Batch: 21400			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	24	1.0		mg/Kg	1	2/23/2005
Motor Oil	68	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.37	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S3-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 11:52:00 AM
Lab ID:	074484-027A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	85	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	25	1.0		mg/Kg	1	2/23/2005
Cobalt	7.3	1.0		mg/Kg	1	2/23/2005
Copper	36	1.0		mg/Kg	1	2/23/2005
Lead	270	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.8	1.0		mg/Kg	1	2/23/2005
Nickel	21	1.0		mg/Kg	1	2/23/2005
Selenium	5.1	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	24	1.0		mg/Kg	1	2/23/2005
Zinc	180	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222C	QC Batch: 21400			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	70	4.0		mg/Kg	2	2/23/2005
Motor Oil	220	4.0		mg/Kg	2	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.26	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S3-3
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 11:54:00 AM
Lab ID:	074484-028A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	41	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	28	1.0		mg/Kg	1	2/23/2005
Cobalt	8.7	1.0		mg/Kg	1	2/23/2005
Copper	9.2	1.0		mg/Kg	1	2/23/2005
Lead	4.7	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.2	1.0		mg/Kg	1	2/23/2005
Nickel	25	1.0		mg/Kg	1	2/23/2005
Selenium	3.1	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	25	1.0		mg/Kg	1	2/23/2005
Zinc	29	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222C	QC Batch: 21400			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	1.3	1.0		mg/Kg	1	2/23/2005
Motor Oil	3.2	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S3-2
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 11:56:00 AM
Lab ID:	074484-029A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	30	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	19	1.0		mg/Kg	1	2/23/2005
Cobalt	4.2	1.0		mg/Kg	1	2/23/2005
Copper	4.4	1.0		mg/Kg	1	2/23/2005
Lead	4.4	1.0		mg/Kg	1	2/23/2005
Molybdenum	1.7	1.0		mg/Kg	1	2/23/2005
Nickel	17	1.0		mg/Kg	1	2/23/2005
Selenium	3.2	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	15	1.0		mg/Kg	1	2/23/2005
Zinc	25	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222C	QC Batch: 21400			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	3.7	1.0		mg/Kg	1	2/23/2005
Motor Oil	4.0	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.25	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

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Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S3-4.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 11:57:00 AM
Lab ID:	074484-030A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	66	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	15	1.0		mg/Kg	1	2/23/2005
Cobalt	5.2	1.0		mg/Kg	1	2/23/2005
Copper	6.1	1.0		mg/Kg	1	2/23/2005
Lead	3.7	1.0		mg/Kg	1	2/23/2005
Molybdenum	1.7	1.0		mg/Kg	1	2/23/2005
Nickel	14	1.0		mg/Kg	1	2/23/2005
Selenium	3.9	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	15	1.0		mg/Kg	1	2/23/2005
Zinc	20	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050222C	QC Batch: 21400			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	3.4	1.0		mg/Kg	1	2/23/2005
Motor Oil	2.6	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.13	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S3-0.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:04:00 PM
Lab ID:	074484-031A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	57	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	18	1.0		mg/Kg	1	2/23/2005
Cobalt	10	1.0		mg/Kg	1	2/23/2005
Copper	62	1.0		mg/Kg	1	2/23/2005
Lead	210	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.4	1.0		mg/Kg	1	2/23/2005
Nickel	20	1.0		mg/Kg	1	2/23/2005
Selenium	ND	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	44	1.0		mg/Kg	1	2/23/2005
Zinc	100	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050223B	QC Batch: 21401			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	30	1.0		mg/Kg	1	2/23/2005
Motor Oil	76	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.29	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S1-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:14:00 PM
Lab ID:	074484-032A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	130	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	31	1.0		mg/Kg	1	2/23/2005
Cobalt	5.3	1.0		mg/Kg	1	2/23/2005
Copper	4.2	1.0		mg/Kg	1	2/23/2005
Lead	8.8	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.1	1.0		mg/Kg	1	2/23/2005
Nickel	23	1.0		mg/Kg	1	2/23/2005
Selenium	3.9	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	20	1.0		mg/Kg	1	2/23/2005
Zinc	15	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050223B	QC Batch: 21401			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	ND	1.0		mg/Kg	1	2/23/2005
Motor Oil	1.5	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S1-1
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:14:00 PM
Lab ID:	074484-033A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	24	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	1.6	1.0		mg/Kg	1	2/23/2005
Cobalt	2.7	1.0		mg/Kg	1	2/23/2005
Copper	7.8	1.0		mg/Kg	1	2/23/2005
Lead	14	1.0		mg/Kg	1	2/23/2005
Molybdenum	ND	1.0		mg/Kg	1	2/23/2005
Nickel	1.6	1.0		mg/Kg	1	2/23/2005
Selenium	ND	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	4.3	1.0		mg/Kg	1	2/23/2005
Zinc	68	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050223B	QC Batch: 21401			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	5.2	1.0		mg/Kg	1	2/23/2005
Motor Oil	12	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.10	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S1-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:17:00 PM
Lab ID:	074484-034A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	57	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	27	1.0		mg/Kg	1	2/23/2005
Cobalt	5.9	1.0		mg/Kg	1	2/23/2005
Copper	20	1.0		mg/Kg	1	2/23/2005
Lead	32	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.5	1.0		mg/Kg	1	2/23/2005
Nickel	26	1.0		mg/Kg	1	2/23/2005
Selenium	7.5	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	22	1.0		mg/Kg	1	2/23/2005
Zinc	38	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050223B	QC Batch: 21401			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	230	8.0		mg/Kg	2	2/23/2005
Motor Oil	710	8.0		mg/Kg	2	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S1-3
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:18:00 PM
Lab ID:	074484-035A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	86	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	23	1.0		mg/Kg	1	2/23/2005
Cobalt	4.3	1.0		mg/Kg	1	2/23/2005
Copper	3.2	1.0		mg/Kg	1	2/23/2005
Lead	3.1	1.0		mg/Kg	1	2/23/2005
Molybdenum	1.4	1.0		mg/Kg	1	2/23/2005
Nickel	16	1.0		mg/Kg	1	2/23/2005
Selenium	2.8	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	15	1.0		mg/Kg	1	2/23/2005
Zinc	9.7	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050223B	QC Batch: 21401			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	ND	1.0		mg/Kg	1	2/23/2005
Motor Oil	ND	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S1-2
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:19:00 PM
Lab ID:	074484-036A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	37	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	15	1.0		mg/Kg	1	2/23/2005
Cobalt	13	1.0		mg/Kg	1	2/23/2005
Copper	22	1.0		mg/Kg	1	2/23/2005
Lead	3.6	1.0		mg/Kg	1	2/23/2005
Molybdenum	1.1	1.0		mg/Kg	1	2/23/2005
Nickel	13	1.0		mg/Kg	1	2/23/2005
Selenium	1.1	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	72	1.0		mg/Kg	1	2/23/2005
Zinc	37	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050223B	QC Batch: 21401			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	1.0	1.0		mg/Kg	1	2/23/2005
Motor Oil	1.2	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S1-4.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:24:00 PM
Lab ID:	074484-037A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	39	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	25	1.0		mg/Kg	1	2/23/2005
Cobalt	8.2	1.0		mg/Kg	1	2/23/2005
Copper	9.5	1.0		mg/Kg	1	2/23/2005
Lead	16	1.0		mg/Kg	1	2/23/2005
Molybdenum	3.1	1.0		mg/Kg	1	2/23/2005
Nickel	22	1.0		mg/Kg	1	2/23/2005
Selenium	5.1	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	21	1.0		mg/Kg	1	2/23/2005
Zinc	37	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050223B	QC Batch: 21401			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	14	1.0		mg/Kg	1	2/23/2005
Motor Oil	32	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.21	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S1-0.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:24:00 PM
Lab ID:	074484-038A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	36	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	3.0	1.0		mg/Kg	1	2/23/2005
Cobalt	4.3	1.0		mg/Kg	1	2/23/2005
Copper	17	1.0		mg/Kg	1	2/23/2005
Lead	190	1.0		mg/Kg	1	2/23/2005
Molybdenum	1.6	1.0		mg/Kg	1	2/23/2005
Nickel	4.5	1.0		mg/Kg	1	2/23/2005
Selenium	1.3	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	11	1.0		mg/Kg	1	2/23/2005
Zinc	110	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050223B	QC Batch: 21401			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	ND	1.0		mg/Kg	1	2/23/2005
Motor Oil	ND	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.22	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S2-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:40:00 PM
Lab ID:	074484-039A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	54	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	8.9	1.0		mg/Kg	1	2/23/2005
Cobalt	6.3	1.0		mg/Kg	1	2/23/2005
Copper	6.0	1.0		mg/Kg	1	2/23/2005
Lead	9.5	1.0		mg/Kg	1	2/23/2005
Molybdenum	2.3	1.0		mg/Kg	1	2/23/2005
Nickel	11	1.0		mg/Kg	1	2/23/2005
Selenium	2.3	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	18	1.0		mg/Kg	1	2/23/2005
Zinc	28	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050223B	QC Batch: 21401			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	1.4	1.0		mg/Kg	1	2/23/2005
Motor Oil	1.3	1.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S2-1.0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:41:00 PM
Lab ID:	074484-040A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050223C	QC Batch: 21403			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Barium	76	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Chromium	28	1.0		mg/Kg	1	2/23/2005
Cobalt	8.3	1.0		mg/Kg	1	2/23/2005
Copper	35	1.0		mg/Kg	1	2/23/2005
Lead	170	1.0		mg/Kg	1	2/23/2005
Molybdenum	3.2	1.0		mg/Kg	1	2/23/2005
Nickel	23	1.0		mg/Kg	1	2/23/2005
Selenium	4.1	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Vanadium	33	1.0		mg/Kg	1	2/23/2005
Zinc	93	1.0		mg/Kg	1	2/23/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050223B	QC Batch: 21401			PrepDate	2/22/2005	Analyst: **CBR**
Diesel	50	2.0		mg/Kg	1	2/23/2005
Motor Oil	94	2.0		mg/Kg	1	2/23/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223D	QC Batch: 21397			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.22	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S2-0.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:42:00 PM
Lab ID:	074484-041A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050224A	QC Batch: 21404			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	ND	1.0		mg/Kg	1	2/24/2005
Barium	100	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	33	1.0		mg/Kg	1	2/24/2005
Cobalt	8.0	1.0		mg/Kg	1	2/24/2005
Copper	50	1.0		mg/Kg	1	2/24/2005
Lead	780	1.0		mg/Kg	1	2/24/2005
Molybdenum	2.9	1.0		mg/Kg	1	2/24/2005
Nickel	26	1.0		mg/Kg	1	2/24/2005
Selenium	5.7	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	26	1.0		mg/Kg	1	2/24/2005
Zinc	230	1.0		mg/Kg	1	2/24/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050226A	QC Batch: 21433			PrepDate	2/23/2005	Analyst: **CBR**
Diesel	69	2.0		mg/Kg	1	2/26/2005
Motor Oil	130	2.0		mg/Kg	1	2/26/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223A	QC Batch: 21398			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.15	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S2-3.0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:44:00 PM
Lab ID:	074484-042A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050224A	QC Batch: 21404			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	ND	1.0		mg/Kg	1	2/24/2005
Barium	46	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	23	1.0		mg/Kg	1	2/24/2005
Cobalt	6.3	1.0		mg/Kg	1	2/24/2005
Copper	8.2	1.0		mg/Kg	1	2/24/2005
Lead	30	1.0		mg/Kg	1	2/24/2005
Molybdenum	2.8	1.0		mg/Kg	1	2/24/2005
Nickel	19	1.0		mg/Kg	1	2/24/2005
Selenium	4.4	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	20	1.0		mg/Kg	1	2/24/2005
Zinc	33	1.0		mg/Kg	1	2/24/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050226A	QC Batch: 21433			PrepDate	2/23/2005	Analyst: **CBR**
Diesel	5.9	1.0		mg/Kg	1	2/26/2005
Motor Oil	14	1.0		mg/Kg	1	2/26/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223A	QC Batch: 21398			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.31	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S2-2.0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:45:00 PM
Lab ID:	074484-043A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050224A	QC Batch: 21404			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	ND	1.0		mg/Kg	1	2/24/2005
Barium	36	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	25	1.0		mg/Kg	1	2/24/2005
Cobalt	5.9	1.0		mg/Kg	1	2/24/2005
Copper	5.0	1.0		mg/Kg	1	2/24/2005
Lead	11	1.0		mg/Kg	1	2/24/2005
Molybdenum	3.1	1.0		mg/Kg	1	2/24/2005
Nickel	19	1.0		mg/Kg	1	2/24/2005
Selenium	3.2	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	20	1.0		mg/Kg	1	2/24/2005
Zinc	21	1.0		mg/Kg	1	2/24/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050226A	QC Batch: 21433			PrepDate	2/23/2005	Analyst: **CBR**
Diesel	4.1	1.0		mg/Kg	1	2/26/2005
Motor Oil	5.4	1.0		mg/Kg	1	2/26/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223A	QC Batch: 21398			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.25	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S2-4.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:48:00 PM
Lab ID:	074484-044A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050224A	QC Batch: 21404			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	ND	1.0		mg/Kg	1	2/24/2005
Barium	120	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	10	1.0		mg/Kg	1	2/24/2005
Cobalt	5.1	1.0		mg/Kg	1	2/24/2005
Copper	5.9	1.0		mg/Kg	1	2/24/2005
Lead	7.8	1.0		mg/Kg	1	2/24/2005
Molybdenum	1.5	1.0		mg/Kg	1	2/24/2005
Nickel	13	1.0		mg/Kg	1	2/24/2005
Selenium	2.2	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	13	1.0		mg/Kg	1	2/24/2005
Zinc	24	1.0		mg/Kg	1	2/24/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050226A	QC Batch: 21433			PrepDate	2/23/2005	Analyst: **CBR**
Diesel	ND	1.0		mg/Kg	1	2/26/2005
Motor Oil	1.7	1.0		mg/Kg	1	2/26/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223A	QC Batch: 21398			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.62	0.10		mg/Kg	1	2/23/2005

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	S2-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:52:00 PM
Lab ID:	074484-045A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050224A	QC Batch: 21404			PrepDate	2/22/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	ND	1.0		mg/Kg	1	2/24/2005
Barium	110	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	1.1	1.0		mg/Kg	1	2/24/2005
Chromium	34	1.0		mg/Kg	1	2/24/2005
Cobalt	8.0	1.0		mg/Kg	1	2/24/2005
Copper	43	1.0		mg/Kg	1	2/24/2005
Lead	610	1.0		mg/Kg	1	2/24/2005
Molybdenum	3.3	1.0		mg/Kg	1	2/24/2005
Nickel	25	1.0		mg/Kg	1	2/24/2005
Selenium	4.1	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	29	1.0		mg/Kg	1	2/24/2005
Zinc	210	1.0		mg/Kg	1	2/24/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050226A	QC Batch: 21433			PrepDate	2/23/2005	Analyst: **CBR**
Diesel	96	2.0		mg/Kg	1	2/26/2005
Motor Oil	140	2.0		mg/Kg	1	2/26/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050223A	QC Batch: 21398			PrepDate	2/22/2005	Analyst: **JT**
Mercury	0.10	0.10		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T1-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 1:05:00 PM
Lab ID:	074484-049A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC2_050221A	QC Batch: E05VS050			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T1-2.0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 1:15:00 PM
Lab ID:	074484-050A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050221A QC Batch: R05VS042 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/21/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/21/2005
Benzene	ND	5.0		µg/Kg	1	2/21/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/21/2005
Bromoform	ND	5.0		µg/Kg	1	2/21/2005
Bromomethane	ND	5.0		µg/Kg	1	2/21/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/21/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
Chloroethane	ND	5.0		µg/Kg	1	2/21/2005
Chloroform	ND	5.0		µg/Kg	1	2/21/2005
Chloromethane	ND	5.0		µg/Kg	1	2/21/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/21/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/21/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/21/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/21/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/21/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/21/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/21/2005
o-Xylene	ND	5.0		µg/Kg	1	2/21/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/21/2005
Toluene	ND	5.0		µg/Kg	1	2/21/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/21/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/21/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/21/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/21/2005

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T3-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 1:33:00 PM
Lab ID:	074484-056A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID (EPA 3550B)				**EPA 8015B(M)**		
RunID: GC8_050226A	QC Batch: 21433			PrepDate	2/23/2005	Analyst: **CBR**
Diesel	27	1.0		mg/Kg	1	2/27/2005
Motor Oil	53	1.0		mg/Kg	1	2/27/2005

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
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H - Sample exceeded analytical holding time
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Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T3-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 1:33:00 PM
Lab ID:	074484-056A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
(EPA 3550B)				**EPA 8081A**		
RunID: GC9_050222A	QC Batch: 21406			PrepDate	2/22/2005	Analyst: **EES**
4,4'-DDD	ND	2.0		µg/Kg	1	2/22/2005
4,4'-DDE	ND	2.0		µg/Kg	1	2/22/2005
4,4'-DDT	ND	2.0		µg/Kg	1	2/22/2005
Aldrin	ND	1.0		µg/Kg	1	2/22/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/22/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
beta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Chlordane	ND	8.5		µg/Kg	1	2/22/2005
delta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Dieldrin	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/22/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/22/2005
Endrin	ND	2.0		µg/Kg	1	2/22/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/22/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/22/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/22/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/22/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/22/2005
Toxaphene	ND	85		µg/Kg	1	2/22/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC5_050223B	QC Batch: 21406			PrepDate	2/22/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/24/2005
Aroclor 1221	ND	33		µg/Kg	1	2/24/2005
Aroclor 1232	ND	16		µg/Kg	1	2/24/2005
Aroclor 1242	ND	16		µg/Kg	1	2/24/2005
Aroclor 1248	ND	16		µg/Kg	1	2/24/2005
Aroclor 1254	ND	16		µg/Kg	1	2/24/2005
Aroclor 1260	ND	16		µg/Kg	1	2/24/2005
Aroclor 1262	ND	16		µg/Kg	1	2/24/2005
Aroclor 1268	ND	16		µg/Kg	1	2/24/2005

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Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T3-0.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 1:32:00 PM
Lab ID:	074484-057A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050221B	QC Batch: D05VS030			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
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R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T3-1.0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 1:31:00 PM
Lab ID:	074484-058A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID (EPA 3550B)				**EPA 8015B(M)**		
RunID: GC8_050226A	QC Batch: 21433			PrepDate	2/23/2005	Analyst: **CBR**
Diesel	53	2.0		mg/Kg	1	2/27/2005
Motor Oil	130	2.0		mg/Kg	1	2/27/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T3-1.0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 1:31:00 PM
Lab ID:	074484-058A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050221A QC Batch: R05VS042 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/21/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/21/2005
Benzene	ND	5.0		µg/Kg	1	2/21/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/21/2005
Bromoform	ND	5.0		µg/Kg	1	2/21/2005
Bromomethane	ND	5.0		µg/Kg	1	2/21/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/21/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
Chloroethane	ND	5.0		µg/Kg	1	2/21/2005
Chloroform	ND	5.0		µg/Kg	1	2/21/2005
Chloromethane	ND	5.0		µg/Kg	1	2/21/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/21/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/21/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/21/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/21/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/21/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/21/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/21/2005
o-Xylene	ND	5.0		µg/Kg	1	2/21/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/21/2005
Toluene	ND	5.0		µg/Kg	1	2/21/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/21/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/21/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/21/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/21/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T3-1.0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 1:31:00 PM
Lab ID:	074484-058A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
(EPA 3550B)				**EPA 8081A**		
RunID: GC9_050222A	QC Batch: 21406			PrepDate	2/22/2005	Analyst: **EES**
4,4´-DDD	45	2.0		µg/Kg	1	2/22/2005
4,4´-DDE	46	2.0		µg/Kg	1	2/22/2005
4,4´-DDT	270	20		µg/Kg	10	2/23/2005
Aldrin	ND	1.0		µg/Kg	1	2/22/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/22/2005
alpha-Chlordane	73	10		µg/Kg	10	2/23/2005
beta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Chlordane	700	85		µg/Kg	10	2/23/2005
delta-BHC	ND	1.0		µg/Kg	1	2/22/2005
Dieldrin	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/22/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/22/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/22/2005
Endrin	ND	2.0		µg/Kg	1	2/22/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/22/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/22/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/22/2005
gamma-Chlordane	76	10		µg/Kg	10	2/23/2005
Heptachlor	ND	1.0		µg/Kg	1	2/22/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/22/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/22/2005
Toxaphene	ND	85		µg/Kg	1	2/22/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC5_050223B	QC Batch: 21406			PrepDate	2/22/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/24/2005
Aroclor 1221	ND	33		µg/Kg	1	2/24/2005
Aroclor 1232	ND	16		µg/Kg	1	2/24/2005
Aroclor 1242	ND	16		µg/Kg	1	2/24/2005
Aroclor 1248	ND	16		µg/Kg	1	2/24/2005
Aroclor 1254	ND	16		µg/Kg	1	2/24/2005
Aroclor 1260	ND	16		µg/Kg	1	2/24/2005
Aroclor 1262	ND	16		µg/Kg	1	2/24/2005
Aroclor 1268	ND	16		µg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-40

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T3-1.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 1:30:00 PM
Lab ID:	074484-059A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC2_050221A	QC Batch: E05VS050			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/21/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *04-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T3-2.0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 1:36:00 PM
Lab ID:	074484-060A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050221A QC Batch: R05VS042 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/21/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/21/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/21/2005
Benzene	ND	5.0		µg/Kg	1	2/21/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/21/2005
Bromoform	ND	5.0		µg/Kg	1	2/21/2005
Bromomethane	ND	5.0		µg/Kg	1	2/21/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/21/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/21/2005
Chloroethane	ND	5.0		µg/Kg	1	2/21/2005
Chloroform	ND	5.0		µg/Kg	1	2/21/2005
Chloromethane	ND	5.0		µg/Kg	1	2/21/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/21/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/21/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/21/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/21/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/21/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/21/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/21/2005
o-Xylene	ND	5.0		µg/Kg	1	2/21/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/21/2005
Toluene	ND	5.0		µg/Kg	1	2/21/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/21/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/21/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/21/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/21/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/21/2005

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H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **MB-21402A** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **ZZZZZ** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684491**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID **MB-21402B** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **ZZZZZ** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684505**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **MB-21402B** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **ZZZZZ** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684505**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID **MB-21403A** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **ZZZZZ** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684741**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID	MB-21403B	SampType:	MBLK	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	ICP5_050223C
Client ID:	ZZZZZ	Batch ID:	21403	TestNo:	EPA 6010B	(EPA 3050B)		Analysis Date:	2/23/2005	SeqNo:	684755

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID	MB-21404A	SampType:	MBLK	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	ICP5_050224A
Client ID:	ZZZZZ	Batch ID:	21404	TestNo:	EPA 6010B	(EPA 3050B)		Analysis Date:	2/24/2005	SeqNo:	684870

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
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Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **MB-21404A** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050224A**
Client ID: **ZZZZZ** Batch ID: **21404** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **684870**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID **LCS-21402** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **ZZZZZ** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684492**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	44.68	2.0	50	0	89.4	80	120	0	0		
Arsenic	48.08	1.0	50	0	96.2	80	120	0	0		
Barium	47.91	1.0	50	0	95.8	80	120	0	0		
Beryllium	45.51	1.0	50	0	91	80	120	0	0		
Cadmium	45.04	1.0	50	0	90.1	80	120	0	0		
Chromium	46.91	1.0	50	0	93.8	80	120	0	0		
Cobalt	45.7	1.0	50	0	91.4	80	120	0	0		
Copper	50.75	2.0	50	0	102	80	120	0	0		
Lead	45.83	1.0	50	0	91.7	80	120	0	0		
Molybdenum	47.35	1.0	50	0	94.7	80	120	0	0		
Nickel	45.62	1.0	50	0	91.2	80	120	0	0		
Selenium	42.56	1.0	50	0	85.1	80	120	0	0		
Silver	46.4	1.0	50	0	92.8	80	120	0	0		
Thallium	45.31	1.0	50	0	90.6	80	120	0	0		
Vanadium	47.92	1.0	50	0	95.8	80	120	0	0		
Zinc	45.5	1.0	50	0	91	80	120	0	0		

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **LCS-21403** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **ZZZZZ** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684742**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	43.3	2.0	50	0	86.6	80	120	0	0		
Arsenic	45.78	1.0	50	0	91.6	80	120	0	0		
Barium	46.29	1.0	50	0	92.6	80	120	0	0		
Beryllium	43.86	1.0	50	0	87.7	80	120	0	0		
Cadmium	43.67	1.0	50	0	87.3	80	120	0	0		
Chromium	45.38	1.0	50	0	90.8	80	120	0	0		
Cobalt	44.01	1.0	50	0	88	80	120	0	0		
Copper	48.65	2.0	50	0	97.3	80	120	0	0		
Lead	44.59	1.0	50	0	89.2	80	120	0	0		
Molybdenum	46.6	1.0	50	0	93.2	80	120	0	0		
Nickel	44.47	1.0	50	0	88.9	80	120	0	0		
Selenium	43.18	1.0	50	0	86.4	80	120	0	0		
Silver	44.2	1.0	50	0	88.4	80	120	0	0		
Thallium	43.94	1.0	50	0	87.9	80	120	0	0		
Vanadium	46.02	1.0	50	0	92	80	120	0	0		
Zinc	44.08	1.0	50	0	88.2	80	120	0	0		

Sample ID **LCS-21404** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050224A**
Client ID: **ZZZZZ** Batch ID: **21404** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **684871**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	53.9	2.0	50	0	108	80	120	0	0		
Arsenic	53.36	1.0	50	0	107	80	120	0	0		
Barium	52.92	1.0	50	0	106	80	120	0	0		
Beryllium	53.18	1.0	50	0	106	80	120	0	0		
Cadmium	53.18	1.0	50	0	106	80	120	0	0		
Chromium	53.12	1.0	50	0	106	80	120	0	0		
Cobalt	52.98	1.0	50	0	106	80	120	0	0		
Copper	52.87	2.0	50	0	106	80	120	0	0		
Lead	52.99	1.0	50	0	106	80	120	0	0		

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **LCS-21404** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050224A**
Client ID: **ZZZZZ** Batch ID: **21404** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **684871**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	53.97	1.0	50	0	108	80	120	0	0		
Nickel	53.36	1.0	50	0	107	80	120	0	0		
Selenium	55.65	1.0	50	0	111	80	120	0	0		
Silver	53.06	1.0	50	0	106	80	120	0	0		
Thallium	53.21	1.0	50	0	106	80	120	0	0		
Vanadium	53.12	1.0	50	0	106	80	120	0	0		
Zinc	53.8	1.0	50	0	108	80	120	0	0		

Sample ID **074484-010AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **PG2-4.5** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684504**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	102.7	1.0	125	0	82.2	23	118	0	0		
Arsenic	104.1	1.0	125	0	83.3	64	111	0	0		
Barium	202.2	1.0	125	108.5	75	36	146	0	0		
Beryllium	100.5	1.0	125	0	80.4	50	120	0	0		
Cadmium	98.69	1.0	125	0	78.9	62	107	0	0		
Chromium	111.1	1.0	125	10.75	80.3	63	119	0	0		
Cobalt	104.6	1.0	125	5.257	79.5	63	111	0	0		
Copper	114.6	1.0	125	6.859	86.2	58	136	0	0		
Lead	103	1.0	125	6.435	77.2	47	125	0	0		
Molybdenum	103.6	1.0	125	1.658	81.5	63	116	0	0		
Nickel	109.6	1.0	125	12.84	77.4	57	116	0	0		
Selenium	97.11	1.0	125	3.812	74.6	47	118	0	0		
Silver	40	1.0	125	0	32	48	125	0	0		S
Thallium	90.23	1.0	125	0	72.2	49	116	0	0		
Vanadium	119.3	1.0	125	15.57	83	65	122	0	0		
Zinc	118.6	1.0	125	23.93	75.7	36	140	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-020AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **S4-1.5** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684517**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	106.3	1.0	125	0	85	23	118	0	0		
Arsenic	118.5	1.0	125	0	94.8	64	111	0	0		
Barium	135.9	1.0	125	20.13	92.6	36	146	0	0		
Beryllium	112.9	1.0	125	0	90.3	50	120	0	0		
Cadmium	110.2	1.0	125	0	88.2	62	107	0	0		
Chromium	134	1.0	125	22.69	89.1	63	119	0	0		
Cobalt	117.3	1.0	125	4.605	90.2	63	111	0	0		
Copper	122	1.0	125	4.536	94	58	136	0	0		
Lead	114.2	1.0	125	1.84	89.9	47	125	0	0		
Molybdenum	116.2	1.0	125	1.313	91.9	63	116	0	0		
Nickel	130.4	1.0	125	18.14	89.8	57	116	0	0		
Selenium	109.2	1.0	125	2.486	85.4	47	118	0	0		
Silver	75.54	1.0	125	0	60.4	48	125	0	0		
Thallium	104.8	1.0	125	0	83.9	49	116	0	0		
Vanadium	129.7	1.0	125	15.54	91.4	65	122	0	0		
Zinc	122.1	1.0	125	11.05	88.8	36	140	0	0		

Sample ID **074484-030AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **S3-4.5** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684754**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100.4	1.0	125	0	80.3	23	118	0	0		
Arsenic	102.6	1.0	125	0	82.1	64	111	0	0		
Barium	155.2	1.0	125	65.54	71.7	36	146	0	0		
Beryllium	98.46	1.0	125	0	78.8	50	120	0	0		
Cadmium	96.32	1.0	125	0	77.1	62	107	0	0		
Chromium	110.8	1.0	125	14.97	76.7	63	119	0	0		
Cobalt	102.5	1.0	125	5.17	77.9	63	111	0	0		
Copper	111.1	1.0	125	6.121	84	58	136	0	0		
Lead	98.01	1.0	125	3.74	75.4	47	125	0	0		

Qualifiers:
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J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-030AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **S3-4.5** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684754**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	100.5	1.0	125	1.662	79	63	116	0	0		
Nickel	108.1	1.0	125	14.49	74.9	57	116	0	0		
Selenium	95.57	1.0	125	3.86	73.4	47	118	0	0		
Silver	92.68	1.0	125	0	74.1	48	125	0	0		
Thallium	89.05	1.0	125	0	71.2	49	116	0	0		
Vanadium	114.7	1.0	125	14.88	79.8	65	122	0	0		
Zinc	111.6	1.0	125	19.75	73.4	36	140	0	0		

Sample ID **074484-040AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **S2-1.0** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684767**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	77.51	1.0	125	0	62	23	118	0	0		
Arsenic	100.6	1.0	125	0	80.4	64	111	0	0		
Barium	151.2	1.0	125	76.34	59.9	36	146	0	0		
Beryllium	99.14	1.0	125	0	79.3	50	120	0	0		
Cadmium	94.32	1.0	125	0	75.5	62	107	0	0		
Chromium	120.4	1.0	125	27.8	74.1	63	119	0	0		
Cobalt	104.3	1.0	125	8.297	76.8	63	111	0	0		
Copper	143.8	1.0	125	34.57	87.4	58	136	0	0		
Lead	305.8	1.0	125	172	107	47	125	0	0		
Molybdenum	98.87	1.0	125	3.24	76.5	63	116	0	0		
Nickel	120	1.0	125	23.3	77.4	57	116	0	0		
Selenium	96.75	1.0	125	4.139	74.1	47	118	0	0		
Silver	75.5	1.0	125	0	60.4	48	125	0	0		
Thallium	84.76	1.0	125	0	67.8	49	116	0	0		
Vanadium	131.8	1.0	125	32.59	79.4	65	122	0	0		
Zinc	191.6	1.0	125	93.06	78.8	36	140	0	0		

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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-045AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050224A**
Client ID: **S2-0** Batch ID: **21404** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **684879**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	80.75	1.0	125	0	64.6	23	118	0	0		
Arsenic	103.2	1.0	125	0	82.5	64	111	0	0		
Barium	203.8	1.0	125	105.1	79	36	146	0	0		
Beryllium	98.98	1.0	125	0	79.2	50	120	0	0		
Cadmium	97.58	1.0	125	1.095	77.2	62	107	0	0		
Chromium	135.4	1.0	125	34.41	80.8	63	119	0	0		
Cobalt	106.7	1.0	125	8.03	78.9	63	111	0	0		
Copper	153.4	1.0	125	43.46	87.9	58	136	0	0		
Lead	883.3	1.0	125	607.2	221	47	125	0	0		S
Molybdenum	105	1.0	125	3.286	81.4	63	116	0	0		
Nickel	121.9	1.0	125	24.71	77.7	57	116	0	0		
Selenium	102.1	1.0	125	4.111	78.4	47	118	0	0		
Silver	70.3	1.0	125	0	56.2	48	125	0	0		
Thallium	90.56	1.0	125	0	72.4	49	116	0	0		
Vanadium	135.7	1.0	125	29.21	85.2	65	122	0	0		
Zinc	317.4	1.0	125	206.7	88.6	36	140	0	0		

Sample ID **074484-020AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **S4-1.5** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684518**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100.7	1.0	125	0	80.6	23	118	106.3	5.34	20	
Arsenic	113.8	1.0	125	0	91	64	111	118.5	4.06	20	
Barium	131.9	1.0	125	20.13	89.5	36	146	135.9	2.93	20	
Beryllium	107.2	1.0	125	0	85.7	50	120	112.9	5.21	20	
Cadmium	106.1	1.0	125	0	84.8	62	107	110.2	3.86	20	
Chromium	129.8	1.0	125	22.69	85.7	63	119	134	3.22	20	
Cobalt	113.4	1.0	125	4.605	87	63	111	117.3	3.39	20	
Copper	118.7	1.0	125	4.536	91.4	58	136	122	2.69	20	
Lead	109.3	1.0	125	1.84	86	47	125	114.2	4.41	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-020AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **S4-1.5** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684518**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	111.8	1.0	125	1.313	88.4	63	116	116.2	3.86	20	
Nickel	125.1	1.0	125	18.14	85.6	57	116	130.4	4.12	20	
Selenium	104.9	1.0	125	2.486	81.9	47	118	109.2	4.05	20	
Silver	73.27	1.0	125	0	58.6	48	125	75.54	3.06	20	
Thallium	100.4	1.0	125	0	80.3	49	116	104.8	4.30	20	
Vanadium	126.7	1.0	125	15.54	88.9	65	122	129.7	2.38	20	
Zinc	116.9	1.0	125	11.05	84.7	36	140	122.1	4.35	20	

Sample ID **074484-040AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **S2-1.0** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684768**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	76.09	1.0	125	0	60.9	23	118	77.51	1.85	20	
Arsenic	98.37	1.0	125	0	78.7	64	111	100.6	2.20	20	
Barium	148.7	1.0	125	76.34	57.9	36	146	151.2	1.67	20	
Beryllium	96.25	1.0	125	0	77	50	120	99.14	2.96	20	
Cadmium	92.41	1.0	125	0	73.9	62	107	94.32	2.04	20	
Chromium	118.4	1.0	125	27.8	72.5	63	119	120.4	1.65	20	
Cobalt	102.3	1.0	125	8.297	75.2	63	111	104.3	1.97	20	
Copper	142.3	1.0	125	34.57	86.2	58	136	143.8	1.07	20	
Lead	300.3	1.0	125	172	103	47	125	305.8	1.81	20	
Molybdenum	97.5	1.0	125	3.24	75.4	63	116	98.87	1.39	20	
Nickel	118.5	1.0	125	23.3	76.1	57	116	120	1.31	20	
Selenium	96.35	1.0	125	4.139	73.8	47	118	96.75	0.412	20	
Silver	73.79	1.0	125	0	59	48	125	75.5	2.28	20	
Thallium	83.53	1.0	125	0	66.8	49	116	84.76	1.46	20	
Vanadium	130.1	1.0	125	32.59	78	65	122	131.8	1.36	20	
Zinc	186.6	1.0	125	93.06	74.9	36	140	191.6	2.60	20	

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CLIENT: Geocon Environmental
Work Order: 074484
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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-045AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050224A**
Client ID: **S2-0** Batch ID: **21404** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **684880**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	79.85	1.0	125	0	63.9	23	118	80.75	1.12	20	
Arsenic	100.9	1.0	125	0	80.7	64	111	103.2	2.22	20	
Barium	170.9	1.0	125	105.1	52.7	36	146	203.8	17.6	20	
Beryllium	96.62	1.0	125	0	77.3	50	120	98.98	2.42	20	
Cadmium	95.7	1.0	125	1.095	75.7	62	107	97.58	1.94	20	
Chromium	123.2	1.0	125	34.41	71	63	119	135.4	9.44	20	
Cobalt	104.2	1.0	125	8.03	77	63	111	106.7	2.33	20	
Copper	151.4	1.0	125	43.46	86.4	58	136	153.4	1.29	20	
Lead	619.3	1.0	125	607.2	9.69	47	125	883.3	35.1	20	SR
Molybdenum	101.1	1.0	125	3.286	78.2	63	116	105	3.80	20	
Nickel	118.2	1.0	125	24.71	74.8	57	116	121.9	3.06	20	
Selenium	96.35	1.0	125	4.111	73.8	47	118	102.1	5.76	20	
Silver	13.14	1.0	125	0	10.5	48	125	70.3	137	20	SR
Thallium	88.88	1.0	125	0	71.1	49	116	90.56	1.88	20	
Vanadium	133.3	1.0	125	29.21	83.3	65	122	135.7	1.77	20	
Zinc	292.1	1.0	125	206.7	68.3	36	140	317.4	8.31	20	

Sample ID **074484-010ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **PG2-4.5** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684503**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	0	0	20	
Arsenic	ND	1.0	0	0	0	0	0	0	0	20	
Barium	112.9	1.0	0	0	0	0	0	108.5	3.96	20	
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	ND	1.0	0	0	0	0	0	0	0	20	
Chromium	11	1.0	0	0	0	0	0	10.75	2.26	20	
Cobalt	5.383	1.0	0	0	0	0	0	5.257	2.38	20	
Copper	7.154	1.0	0	0	0	0	0	6.859	4.21	20	
Lead	6.678	1.0	0	0	0	0	0	6.435	3.70	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-010ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **PG2-4.5** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684503**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	1.772	1.0	0	0	0	0	0	1.658	6.64	20	
Nickel	13.11	1.0	0	0	0	0	0	12.84	2.05	20	
Selenium	4.361	1.0	0	0	0	0	0	3.812	13.4	20	
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	
Vanadium	15.98	1.0	0	0	0	0	0	15.57	2.64	20	
Zinc	24.49	1.0	0	0	0	0	0	23.93	2.29	20	

Sample ID **074484-020ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **S4-1.5** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684516**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	0	0	20	
Arsenic	ND	1.0	0	0	0	0	0	0	0	20	
Barium	19.95	1.0	0	0	0	0	0	20.13	0.900	20	
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	ND	1.0	0	0	0	0	0	0	0	20	
Chromium	22.51	1.0	0	0	0	0	0	22.69	0.771	20	
Cobalt	4.574	1.0	0	0	0	0	0	4.605	0.694	20	
Copper	4.223	1.0	0	0	0	0	0	4.536	7.13	20	
Lead	1.586	1.0	0	0	0	0	0	1.84	14.8	20	
Molybdenum	1.185	1.0	0	0	0	0	0	1.313	10.2	20	
Nickel	18.04	1.0	0	0	0	0	0	18.14	0.554	20	
Selenium	1.531	1.0	0	0	0	0	0	2.486	47.6	20	R
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	
Vanadium	15.39	1.0	0	0	0	0	0	15.54	1.02	20	
Zinc	10.93	1.0	0	0	0	0	0	11.05	1.15	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-030ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **S3-4.5** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684753**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	0	0	20	
Arsenic	ND	1.0	0	0	0	0	0	0	0	20	
Barium	66.2	1.0	0	0	0	0	0	65.54	1.01	20	
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	ND	1.0	0	0	0	0	0	0	0	20	
Chromium	14.95	1.0	0	0	0	0	0	14.97	0.127	20	
Cobalt	5.166	1.0	0	0	0	0	0	5.17	0.0768	20	
Copper	6.214	1.0	0	0	0	0	0	6.121	1.51	20	
Lead	3.5	1.0	0	0	0	0	0	3.74	6.65	20	
Molybdenum	1.645	1.0	0	0	0	0	0	1.662	1.09	20	
Nickel	14.51	1.0	0	0	0	0	0	14.49	0.136	20	
Selenium	3.211	1.0	0	0	0	0	0	3.86	18.4	20	
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	
Vanadium	14.86	1.0	0	0	0	0	0	14.88	0.0910	20	
Zinc	19.61	1.0	0	0	0	0	0	19.75	0.748	20	

Sample ID **074484-040ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **S2-1.0** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684766**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	0	0	20	
Arsenic	ND	1.0	0	0	0	0	0	0	0	20	
Barium	76.34	1.0	0	0	0	0	0	76.34	0.00643	20	
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	ND	1.0	0	0	0	0	0	0	0	20	
Chromium	27.55	1.0	0	0	0	0	0	27.8	0.919	20	
Cobalt	8.273	1.0	0	0	0	0	0	8.297	0.285	20	
Copper	34.6	1.0	0	0	0	0	0	34.57	0.0929	20	
Lead	170.4	1.0	0	0	0	0	0	172	0.927	20	

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DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-040ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **S2-1.0** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684766**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	3.412	1.0	0	0	0	0	0	3.24	5.16	20	
Nickel	23.15	1.0	0	0	0	0	0	23.3	0.654	20	
Selenium	4.823	1.0	0	0	0	0	0	4.139	15.3	20	
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	
Vanadium	32.52	1.0	0	0	0	0	0	32.59	0.219	20	
Zinc	92.59	1.0	0	0	0	0	0	93.06	0.506	20	

Sample ID **074484-045ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050224A**
Client ID: **S2-0** Batch ID: **21404** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **684878**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	0	0	20	
Arsenic	ND	1.0	0	0	0	0	0	0	0	20	
Barium	106	1.0	0	0	0	0	0	105.1	0.894	20	
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	1.099	1.0	0	0	0	0	0	1.095	0.390	20	
Chromium	34.88	1.0	0	0	0	0	0	34.41	1.38	20	
Cobalt	8.146	1.0	0	0	0	0	0	8.03	1.43	20	
Copper	44.14	1.0	0	0	0	0	0	43.46	1.56	20	
Lead	617.1	1.0	0	0	0	0	0	607.2	1.63	20	
Molybdenum	3.178	1.0	0	0	0	0	0	3.286	3.34	20	
Nickel	24.85	1.0	0	0	0	0	0	24.71	0.559	20	
Selenium	2.498	1.0	0	0	0	0	0	4.111	48.8	20	R
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	
Vanadium	29.68	1.0	0	0	0	0	0	29.21	1.63	20	
Zinc	209.9	1.0	0	0	0	0	0	206.7	1.55	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21431A	MBLK	6010_SPB	mg/Kg	2/23/2005	ICP5_050224D
Client ID: ZZZZZ	Batch ID: 21431	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/24/2005	SeqNo: 685433

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21431B	MBLK	6010_SPB	mg/Kg	2/23/2005	ICP5_050224D
Client ID: ZZZZZ	Batch ID: 21431	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/24/2005	SeqNo: 685447

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21431	LCS	6010_SPB	mg/Kg	2/23/2005	ICP5_050224D
Client ID: ZZZZZ	Batch ID: 21431	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/24/2005	SeqNo: 685434

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	265.6	5.0	250	0	106	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-063AMS	MS	6010_SPB	mg/Kg	2/23/2005	ICP5_050224D
Client ID: T4-1.0	Batch ID: 21431	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/24/2005	SeqNo: 685446

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	206.6	5.0	250	18.16	75.4	47	125	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-064AMS	MS	6010_SPB	mg/Kg	2/23/2005	ICP5_050224D
Client ID: T4-1.5	Batch ID: 21431	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/24/2005	SeqNo: 685450

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	203.9	5.0	250	7.39	78.6	47	125	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID **074484-063ADUP** SampType: **DUP** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/23/2005** Run ID: **ICP5_050224D**
Client ID: **T4-1.0** Batch ID: **21431** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **2/24/2005** SeqNo: **685445**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	14.36	5.0	0	0	0	0	0	18.16	23.4	20	R

Sample ID **074484-064ADUP** SampType: **DUP** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/23/2005** Run ID: **ICP5_050224D**
Client ID: **T4-1.5** Batch ID: **21431** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **2/24/2005** SeqNo: **685449**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	67.83	5.0	0	0	0	0	0	7.39	161	20	R

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ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID	MB-21398A	SampType:	MBLK	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	AA1_050223A
Client ID:	ZZZZZ	Batch ID:	21398	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/23/2005	SeqNo:	684317

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10	0	0	0	0	0	0	0		

Sample ID	MB-21398B	SampType:	MBLK	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	AA1_050223A
Client ID:	ZZZZZ	Batch ID:	21398	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/23/2005	SeqNo:	684589

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID	MB-21396A	SampType:	MBLK	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	AA1_050223C
Client ID:	ZZZZZ	Batch ID:	21396	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/23/2005	SeqNo:	684613

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID	MB-21396B	SampType:	MBLK	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	AA1_050223C
Client ID:	ZZZZZ	Batch ID:	21396	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/23/2005	SeqNo:	684618

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID	MB-21397A	SampType:	MBLK	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	AA1_050223D
Client ID:	ZZZZZ	Batch ID:	21397	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/23/2005	SeqNo:	684642

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

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ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21397B	MBLK	7471_S	mg/Kg	2/22/2005	AA1_050223D
Client ID: ZZZZZ	Batch ID: 21397	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/23/2005	SeqNo: 684646

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21398	LCS	7471_S	mg/Kg	2/22/2005	AA1_050223A
Client ID: ZZZZZ	Batch ID: 21398	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/23/2005	SeqNo: 684316

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.953	0.10	2.08	0	93.9	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21396	LCS	7471_S	mg/Kg	2/22/2005	AA1_050223C
Client ID: ZZZZZ	Batch ID: 21396	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/23/2005	SeqNo: 684612

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.048	0.10	2.08	0	98.5	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21397	LCS	7471_S	mg/Kg	2/22/2005	AA1_050223D
Client ID: ZZZZZ	Batch ID: 21397	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/23/2005	SeqNo: 684641

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.225	0.10	2.08	0	107	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-045AMS	MS	7471_S	mg/Kg	2/22/2005	AA1_050223A
Client ID: S2-0	Batch ID: 21398	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/23/2005	SeqNo: 684309

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.9315	0.10	0.83	0.1047	99.6	62	146	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-041AMS	MS	7471_S	mg/Kg	2/22/2005	AA1_050223A
Client ID: S2-0.5	Batch ID: 21398	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/23/2005	SeqNo: 684587

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.116	0.10	0.83	0.1471	117	62	146	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-020AMS	MS	7471_S	mg/Kg	2/22/2005	AA1_050223C
Client ID: S4-1.5	Batch ID: 21396	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/23/2005	SeqNo: 684610

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.8685	0.10	0.83	0	105	62	146	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-010AMS	MS	7471_S	mg/Kg	2/22/2005	AA1_050223C
Client ID: PG2-4.5	Batch ID: 21396	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/23/2005	SeqNo: 684615

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.641	0.10	0.83	0.4445	144	62	146	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-040AMS	MS	7471_S	mg/Kg	2/22/2005	AA1_050223D
Client ID: S2-1.0	Batch ID: 21397	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/23/2005	SeqNo: 684639

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.062	0.10	0.83	0.2201	101	62	146	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-030AMS	MS	7471_S	mg/Kg	2/22/2005	AA1_050223D
Client ID: S3-4.5	Batch ID: 21397	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/23/2005	SeqNo: 684644

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.246	0.10	0.83	0.1288	135	62	146	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID	074484-045AMSD	SampType:	MSD	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	AA1_050223A
Client ID:	S2-0	Batch ID:	21398	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/23/2005	SeqNo:	684310

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.9025	0.10	0.83	0.1047	96.1	62	146	0.9315	3.16	30	

Sample ID	074484-020AMSD	SampType:	MSD	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	AA1_050223C
Client ID:	S4-1.5	Batch ID:	21396	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/23/2005	SeqNo:	684611

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.8778	0.10	0.83	0	106	62	146	0.8685	1.06	30	

Sample ID	074484-040AMSD	SampType:	MSD	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	AA1_050223D
Client ID:	S2-1.0	Batch ID:	21397	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/23/2005	SeqNo:	684640

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.139	0.10	0.83	0.2201	111	62	146	1.062	7.07	30	

Sample ID	074484-041ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	AA1_050223A
Client ID:	S2-0.5	Batch ID:	21398	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/23/2005	SeqNo:	684586

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.1817	0.10	0	0	0	0	0	0.1471	21.0	30	

Sample ID	074484-045ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	AA1_050223A
Client ID:	S2-0	Batch ID:	21398	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/23/2005	SeqNo:	684588

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.1302	0.10	0	0	0	0	0	0.1047	21.7	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID	074484-010ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	AA1_050223C
Client ID:	PG2-4.5	Batch ID:	21396	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/23/2005	SeqNo:	684614

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4994	0.10	0	0	0	0	0	0.4445	11.6	30	

Sample ID	074484-020ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	AA1_050223C
Client ID:	S4-1.5	Batch ID:	21396	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/23/2005	SeqNo:	684617

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10	0	0	0	0	0	0	0	30	

Sample ID	074484-030ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	AA1_050223D
Client ID:	S3-4.5	Batch ID:	21397	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/23/2005	SeqNo:	684643

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.1414	0.10	0	0	0	0	0	0.1288	9.30	30	

Sample ID	074484-040ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	AA1_050223D
Client ID:	S2-1.0	Batch ID:	21397	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/23/2005	SeqNo:	684645

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.2476	0.10	0	0	0	0	0	0.2201	11.7	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID	MB-21383	SampType:	MBLK	TestCode:	8015_S_DM	Units:	mg/Kg	Prep Date:	2/21/2005	Run ID:	GC7_050222A
Client ID:	ZZZZZ	Batch ID:	21383	TestNo:	EPA 8015B(M (EPA 3550B)			Analysis Date:	2/22/2005	SeqNo:	684414

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0									
Motor Oil	ND	1.0									

Sample ID	MB-21388	SampType:	MBLK	TestCode:	8015_S_DM	Units:	mg/Kg	Prep Date:	2/21/2005	Run ID:	GC7_BACK_050222B
Client ID:	ZZZZZ	Batch ID:	21388	TestNo:	EPA 8015B(M (EPA 3550B)			Analysis Date:	2/22/2005	SeqNo:	684554

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0									
Motor Oil	ND	1.0									

Sample ID	MB-21400	SampType:	MBLK	TestCode:	8015_S_DM	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	GC7_BACK_050222C
Client ID:	ZZZZZ	Batch ID:	21400	TestNo:	EPA 8015B(M (EPA 3550B)			Analysis Date:	2/22/2005	SeqNo:	684571

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0									
Motor Oil	ND	1.0									

Sample ID	MB-21383	SampType:	MBLK	TestCode:	8015_S_DM	Units:	mg/Kg	Prep Date:	2/21/2005	Run ID:	GC8_050223A
Client ID:	ZZZZZ	Batch ID:	21383	TestNo:	EPA 8015B(M (EPA 3550B)			Analysis Date:	2/24/2005	SeqNo:	685236

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0									
Motor Oil	ND	1.0									

Sample ID	MB-21400	SampType:	MBLK	TestCode:	8015_S_DM	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	GC7_BACK_050222C
Client ID:	ZZZZZ	Batch ID:	21400	TestNo:	EPA 8015B(M (EPA 3550B)			Analysis Date:	2/23/2005	SeqNo:	685396

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0									

Qualifiers:
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID **MB-21400** SampType: **MBLK** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **GC7_BACK_050222C**
Client ID: **ZZZZZ** Batch ID: **21400** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **685396**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Motor Oil	ND	1.0									

Sample ID **MB-21401** SampType: **MBLK** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **GC8_050223B**
Client ID: **ZZZZZ** Batch ID: **21401** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **686485**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0									
Motor Oil	ND	1.0									

Sample ID **MB-21433** SampType: **MBLK** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/23/2005** Run ID: **GC8_050226A**
Client ID: **ZZZZZ** Batch ID: **21433** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/26/2005** SeqNo: **687011**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0									
Motor Oil	ND	1.0									

Sample ID **LCS-21383** SampType: **LCS** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/21/2005** Run ID: **GC7_050222A**
Client ID: **ZZZZZ** Batch ID: **21383** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **684415**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	21.8	1.0	33	0	66.1	44	123	0	0		

Sample ID **LCS-21388** SampType: **LCS** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/21/2005** Run ID: **GC7_BACK_050222B**
Client ID: **ZZZZZ** Batch ID: **21388** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **684555**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	26.26	1.0	33	0	79.6	44	123	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID **LCS-21400** SampType: **LCS** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **GC7_BACK_050222C**
Client ID: **ZZZZZ** Batch ID: **21400** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **684572**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	23.18	1.0	33	0	70.2	44	123	0	0		

Sample ID **LCS-21383** SampType: **LCS** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/21/2005** Run ID: **GC8_050223A**
Client ID: **ZZZZZ** Batch ID: **21383** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **685237**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	28.16	1.0	33	0	85.3	44	123	0	0		

Sample ID **LCS-21400** SampType: **LCS** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **GC7_BACK_050222C**
Client ID: **ZZZZZ** Batch ID: **21400** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **685397**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	22.93	1.0	33	0	69.5	44	123	0	0		

Sample ID **LCS-21401** SampType: **LCS** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **GC8_050223B**
Client ID: **ZZZZZ** Batch ID: **21401** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **686486**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	22.4	1.0	33	0	67.9	44	123	0	0		

Sample ID **LCS-21433** SampType: **LCS** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/23/2005** Run ID: **GC8_050226A**
Client ID: **ZZZZZ** Batch ID: **21433** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/26/2005** SeqNo: **687012**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	20.28	1.0	33	0	61.5	44	123	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-001AMS	MS	8015_S_DM	mg/Kg	2/21/2005	GC7_050222A
Client ID: PG4-0	Batch ID: 21383	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/22/2005	SeqNo: 684416

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	17.92	1.0	33	11.43	19.6	26	106	0	0		S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-014AMS	MS	8015_S_DM	mg/Kg	2/21/2005	GC7_BACK_050222B
Client ID: PG3-3	Batch ID: 21388	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/22/2005	SeqNo: 684556

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	20.88	1.0	33	0.8952	60.6	26	106	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-023AMS	MS	8015_S_DM	mg/Kg	2/22/2005	GC7_BACK_050222C
Client ID: S4-2	Batch ID: 21400	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/22/2005	SeqNo: 684573

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	24.51	1.0	33	0.8021	71.8	26	106	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-032AMS	MS	8015_S_DM	mg/Kg	2/22/2005	GC8_050223B
Client ID: S1-1.5	Batch ID: 21401	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/23/2005	SeqNo: 686487

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	22.94	1.0	33	0.6516	67.5	26	106	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-056AMS	MS	8015_S_DM	mg/Kg	2/23/2005	GC8_050226A
Client ID: T3-0	Batch ID: 21433	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/27/2005	SeqNo: 687022

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	61.07	1.0	33	27.34	102	26	106	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID **074484-001AMSD** SampType: **MSD** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/21/2005** Run ID: **GC7_050222A**
Client ID: **PG4-0** Batch ID: **21383** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **684417**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	17.78	1.0	33	11.43	19.2	26	106	17.92	0.764	0	S

Sample ID **074484-014AMSD** SampType: **MSD** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/21/2005** Run ID: **GC7_BACK_050222B**
Client ID: **PG3-3** Batch ID: **21388** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **684557**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	18.31	1.0	33	0.8952	52.8	26	106	20.88	13.1	0	

Sample ID **074484-023AMSD** SampType: **MSD** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **GC7_BACK_050222C**
Client ID: **S4-2** Batch ID: **21400** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **684574**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	21.66	1.0	33	0.8021	63.2	26	106	24.51	12.3	0	

Sample ID **074484-032AMSD** SampType: **MSD** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **GC8_050223B**
Client ID: **S1-1.5** Batch ID: **21401** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **686488**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	42.7	1.0	33	0.6516	127	26	106	22.94	60.2	0	S

Sample ID **074484-056AMSD** SampType: **MSD** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/23/2005** Run ID: **GC8_050226A**
Client ID: **T3-0** Batch ID: **21433** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/27/2005** SeqNo: **687025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	181.9	1.0	33	27.34	468	26	106	61.07	99.5	0	SE

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID **074484-009ADUP** SampType: **DUP** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/21/2005** Run ID: **GC7_050222A**
Client ID: **PG2-1.5** Batch ID: **21383** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **684420**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	7.53	1.0	0	0	0	0	0	19.11	87.0	30	R
Motor Oil	18	1.0	0	0	0	0	0	62.82	111	30	R

Sample ID **074484-014ADUP** SampType: **DUP** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/21/2005** Run ID: **GC7_BACK_050222B**
Client ID: **PG3-3** Batch ID: **21388** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **684558**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0	0	0	0	0	0	0.8952	0	30	
Motor Oil	1.358	1.0	0	0	0	0	0	1.809	28.5	30	

Sample ID **074484-023ADUP** SampType: **DUP** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **GC7_BACK_050222C**
Client ID: **S4-2** Batch ID: **21400** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **684575**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	1.827	1.0	0	0	0	0	0	0.8021	78.0	30	R
Motor Oil	1.943	1.0	0	0	0	0	0	1.038	60.7	30	R

Sample ID **074484-032ADUP** SampType: **DUP** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **GC8_050223B**
Client ID: **S1-1.5** Batch ID: **21401** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **686489**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0	0	0	0	0	0	0.6516	0	30	
Motor Oil	ND	1.0	0	0	0	0	0	1.463	0	30	

Qualifiers:
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_GAS

Sample ID **D022105MB1** SampType: **MBLK** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050221A**
Client ID: **ZZZZZ** Batch ID: **D05VS029** TestNo: **EPA 8015B(M** Analysis Date: **2/21/2005** SeqNo: **682864**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									

Sample ID **E022105MB2** SampType: **MBLK** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050221A**
Client ID: **ZZZZZ** Batch ID: **E05VS050** TestNo: **EPA 8015B(M** Analysis Date: **2/21/2005** SeqNo: **682968**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									

Sample ID **D022105MB2** SampType: **MBLK** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050221B**
Client ID: **ZZZZZ** Batch ID: **D05VS030** TestNo: **EPA 8015B(M** Analysis Date: **2/21/2005** SeqNo: **683118**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									

Sample ID **D022105LC1** SampType: **LCS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050221A**
Client ID: **ZZZZZ** Batch ID: **D05VS029** TestNo: **EPA 8015B(M** Analysis Date: **2/21/2005** SeqNo: **682887**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.738	1.0	5	0	94.8	75	120	0	0		

Sample ID **E022105LC1** SampType: **LCS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050221A**
Client ID: **ZZZZZ** Batch ID: **E05VS050** TestNo: **EPA 8015B(M** Analysis Date: **2/21/2005** SeqNo: **682980**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.481	1.0	5	0	89.6	75	120	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_GAS

Sample ID **D022105LC2** SampType: **LCS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050221B**
Client ID: **ZZZZZ** Batch ID: **D05VS030** TestNo: **EPA 8015B(M** Analysis Date: **2/21/2005** SeqNo: **683127**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.641	1.0	5	0	92.8	75	120	0	0		

Sample ID **074484-007AMS** SampType: **MS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050221A**
Client ID: **PG1-3** Batch ID: **D05VS029** TestNo: **EPA 8015B(M** Analysis Date: **2/21/2005** SeqNo: **682885**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.376	1.0	5	0	67.5	33	139	0	0		

Sample ID **074483-006AMS** SampType: **MS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050221A**
Client ID: **ZZZZZ** Batch ID: **E05VS050** TestNo: **EPA 8015B(M** Analysis Date: **2/21/2005** SeqNo: **682978**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.743	1.0	5	0	94.9	33	139	0	0		

Sample ID **074484-017AMS** SampType: **MS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050221B**
Client ID: **PG6-1.5** Batch ID: **D05VS030** TestNo: **EPA 8015B(M** Analysis Date: **2/21/2005** SeqNo: **683125**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.609	1.0	5	0	72.2	33	139	0	0		

Sample ID **074484-007AMSD** SampType: **MSD** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050221A**
Client ID: **PG1-3** Batch ID: **D05VS029** TestNo: **EPA 8015B(M** Analysis Date: **2/21/2005** SeqNo: **682886**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.17	1.0	5	0	63.4	33	139	3.376	6.29	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_GAS

Sample ID **074483-006AMSD** SampType: **MSD** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050221A**
Client ID: **ZZZZZ** Batch ID: **E05VS050** TestNo: **EPA 8015B(M** Analysis Date: **2/21/2005** SeqNo: **682979**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.759	1.0	5	0	95.2	33	139	4.743	0.337	30	

Sample ID **074484-017AMSD** SampType: **MSD** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050221B**
Client ID: **PG6-1.5** Batch ID: **D05VS030** TestNo: **EPA 8015B(M** Analysis Date: **2/21/2005** SeqNo: **683126**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.298	1.0	5	0	66	33	139	3.609	9.01	30	

Sample ID **074484-007ADUP** SampType: **DUP** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050221A**
Client ID: **PG1-3** Batch ID: **D05VS029** TestNo: **EPA 8015B(M** Analysis Date: **2/21/2005** SeqNo: **682883**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Sample ID **074484-059ADUP** SampType: **DUP** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC2_050221A**
Client ID: **T3-1.5** Batch ID: **E05VS050** TestNo: **EPA 8015B(M** Analysis Date: **2/21/2005** SeqNo: **682974**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Sample ID **074484-057ADUP** SampType: **DUP** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050221B**
Client ID: **T3-0.5** Batch ID: **D05VS030** TestNo: **EPA 8015B(M** Analysis Date: **2/21/2005** SeqNo: **683124**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

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DO- Surrogate dilute out
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID	R050221MB1	SampType:	MBLK	TestCode:	8021_S_GCM	Units:	µg/Kg	Prep Date:		Run ID:	MS3_050221A
Client ID:	ZZZZZ	Batch ID:	R05VS042	TestNo:	EPA 8260B			Analysis Date:	2/21/2005	SeqNo:	683019

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
Benzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
m,p-Xylene	ND	5.0									
Methyl tert-butyl ether	ND	5.0									
Methylene chloride	ND	5.0									
o-Xylene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **R050221MB1** SampType: **MBLK** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050221A**
Client ID: **ZZZZZ** Batch ID: **R05VS042** TestNo: **EPA 8260B** Analysis Date: **2/21/2005** SeqNo: **683019**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									

Sample ID **P050218MB3** SampType: **MBLK** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS1_050218B**
Client ID: **ZZZZZ** Batch ID: **P05VS008** TestNo: **EPA 8260B** Analysis Date: **2/18/2005** SeqNo: **683058**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
Benzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **P050218MB3** SampType: **MBLK** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS1_050218B**
Client ID: **ZZZZZ** Batch ID: **P05VS008** TestNo: **EPA 8260B** Analysis Date: **2/18/2005** SeqNo: **683058**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
m,p-Xylene	ND	5.0									
Methyl tert-butyl ether	ND	5.0									
Methylene chloride	ND	5.0									
o-Xylene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									

Sample ID **R050221LC1** SampType: **LCS** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050221A**
Client ID: **ZZZZZ** Batch ID: **R05VS042** TestNo: **EPA 8260B** Analysis Date: **2/21/2005** SeqNo: **683016**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	99.06	5.0	100	0	99.1	70	130	0	0		
Benzene	102.8	5.0	100	0	103	70	130	0	0		
Chlorobenzene	110.4	5.0	100	0	110	70	130	0	0		
Methyl tert-butyl ether	92.68	5.0	100	0	92.7	70	130	0	0		
Toluene	105.3	5.0	100	0	105	70	130	0	0		
Trichloroethene	114.4	5.0	100	0	114	70	130	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **P050218LC2** SampType: **LCS** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS1_050218B**
Client ID: **ZZZZZ** Batch ID: **P05VS008** TestNo: **EPA 8260B** Analysis Date: **2/18/2005** SeqNo: **683055**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	112.3	5.0	100	0	112	70	130	0	0		
Benzene	98.37	5.0	100	0	98.4	70	130	0	0		
Chlorobenzene	106.5	5.0	100	0	106	70	130	0	0		
Methyl tert-butyl ether	95.72	5.0	100	0	95.7	70	130	0	0		
Toluene	98.9	5.0	100	0	98.9	70	130	0	0		
Trichloroethene	105.7	5.0	100	0	106	70	130	0	0		

Sample ID **074484-048AMS** SampType: **MS** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050221A**
Client ID: **ZZZZZ** Batch ID: **R05VS042** TestNo: **EPA 8260B** Analysis Date: **2/21/2005** SeqNo: **683017**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	89.2	5.0	100	0	89.2	70	130	0	0		
Benzene	97.41	5.0	100	0	97.4	70	130	0	0		
Chlorobenzene	99.04	5.0	100	0	99	70	130	0	0		
Toluene	97.06	5.0	100	0	97.1	70	130	0	0		
Trichloroethene	105.7	5.0	100	0	106	70	130	0	0		

Sample ID **074484-005AMS** SampType: **MS** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS1_050218B**
Client ID: **PG1-1.5** Batch ID: **P05VS008** TestNo: **EPA 8260B** Analysis Date: **2/18/2005** SeqNo: **683056**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	98.06	5.0	100	0	98.1	70	130	0	0		
Benzene	92	5.0	100	0	92	70	130	0	0		
Chlorobenzene	94.79	5.0	100	0	94.8	70	130	0	0		
Toluene	90.41	5.0	100	0	90.4	70	130	0	0		
Trichloroethene	105.5	5.0	100	0	105	70	130	0	0		

Qualifiers:
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DO- Surrogate dilute out
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **074484-048AMSD** SampType: **MSD** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050221A**
Client ID: **ZZZZZ** Batch ID: **R05VS042** TestNo: **EPA 8260B** Analysis Date: **2/21/2005** SeqNo: **683018**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	83.97	5.0	100	0	84	70	130	89.2	6.04	26	
Benzene	91.11	5.0	100	0	91.1	70	130	97.41	6.68	18	
Chlorobenzene	93.18	5.0	100	0	93.2	70	130	99.04	6.10	22	
Toluene	90.81	5.0	100	0	90.8	70	130	97.06	6.65	21	
Trichloroethene	98.41	5.0	100	0	98.4	70	130	105.7	7.13	20	

Sample ID **074484-005AMSD** SampType: **MSD** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS1_050218B**
Client ID: **PG1-1.5** Batch ID: **P05VS008** TestNo: **EPA 8260B** Analysis Date: **2/18/2005** SeqNo: **683057**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	88.63	5.0	100	0	88.6	70	130	98.06	10.1	26	
Benzene	84.7	5.0	100	0	84.7	70	130	92	8.26	18	
Chlorobenzene	85.34	5.0	100	0	85.3	70	130	94.79	10.5	22	
Toluene	81.65	5.0	100	0	81.6	70	130	90.41	10.2	21	
Trichloroethene	110.9	5.0	100	0	111	70	130	105.5	5.04	20	

Sample ID **074484-050ADUP** SampType: **DUP** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050221A**
Client ID: **T1-2.0** Batch ID: **R05VS042** TestNo: **EPA 8260B** Analysis Date: **2/21/2005** SeqNo: **683024**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **074484-050ADUP** SampType: **DUP** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050221A**
Client ID: **T1-2.0** Batch ID: **R05VS042** TestNo: **EPA 8260B** Analysis Date: **2/21/2005** SeqNo: **683024**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	
Bromoform	ND	5.0	0	0	0	0	0	0	0	30	
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30	
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30	
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30	
Chloroform	ND	5.0	0	0	0	0	0	0	0	30	
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30	
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30	
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30	
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30	
Methyl tert-butyl ether	ND	5.0	0	0	0	0	0	0	0	30	
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30	
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30	
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30	
Toluene	ND	5.0	0	0	0	0	0	0	0	30	
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
trans-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30	
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30	

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H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID	MB-21381	SampType:	MBLK	TestCode:	8081_S	Units:	µg/Kg	Prep Date:	2/21/2005	Run ID:	GC5_050221A
Client ID:	ZZZZZ	Batch ID:	21381	TestNo:	EPA 8081A	(EPA 3550B)		Analysis Date:	2/21/2005	SeqNo:	683993

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0									
4,4´-DDE	ND	2.0									
4,4´-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID	MB-21406	SampType:	MBLK	TestCode:	8081_S	Units:	µg/Kg	Prep Date:	2/22/2005	Run ID:	GC9_050222A
Client ID:	ZZZZZ	Batch ID:	21406	TestNo:	EPA 8081A	(EPA 3550B)		Analysis Date:	2/22/2005	SeqNo:	685360

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0									
4,4´-DDE	ND	2.0									
4,4´-DDT	ND	2.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID	MB-21406	SampType:	MBLK	TestCode:	8081_S	Units:	µg/Kg	Prep Date:	2/22/2005	Run ID:	GC9_050222A
Client ID:	ZZZZZ	Batch ID:	21406	TestNo:	EPA 8081A	(EPA 3550B)		Analysis Date:	2/22/2005	SeqNo:	685360

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID	MB-21406	SampType:	MBLK	TestCode:	8081_S	Units:	µg/Kg	Prep Date:	2/22/2005	Run ID:	GC9_050222A
Client ID:	ZZZZZ	Batch ID:	21406	TestNo:	EPA 8081A	(EPA 3550B)		Analysis Date:	2/23/2005	SeqNo:	685452

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	2.0									
4,4'-DDE	ND	2.0									
4,4'-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID	MB-21406	SampType:	MBLK	TestCode:	8081_S	Units:	µg/Kg	Prep Date:	2/22/2005	Run ID:	GC9_050222A
Client ID:	ZZZZZ	Batch ID:	21406	TestNo:	EPA 8081A	(EPA 3550B)		Analysis Date:	2/23/2005	SeqNo:	685452

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID	MB-21381	SampType:	MBLK	TestCode:	8081_S	Units:	µg/Kg	Prep Date:	2/21/2005	Run ID:	GC5_050221A
Client ID:	ZZZZZ	Batch ID:	21381	TestNo:	EPA 8081A	(EPA 3550B)		Analysis Date:	2/22/2005	SeqNo:	687261

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0									
4,4´-DDE	ND	2.0									
4,4´-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **MB-21381** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/21/2005** Run ID: **GC5_050221A**
Client ID: **ZZZZZ** Batch ID: **21381** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **687261**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID **MB-21406** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC9_050222A**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/28/2005** SeqNo: **688090**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0									
4,4´-DDE	ND	2.0									
4,4´-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									

Qualifiers:
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J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
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DO- Surrogate dilute out
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CLIENT: Geocon Environmental
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **MB-21406** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC9_050222A**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/28/2005** SeqNo: **688090**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID **LCS-21381** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/21/2005** Run ID: **GC5_050221A**
Client ID: **ZZZZZ** Batch ID: **21381** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/21/2005** SeqNo: **683994**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	15.66	2.0	16.65	0	94	66	136	0	0		
Aldrin	16.3	1.0	16.65	0	97.9	85	134	0	0		
Dieldrin	15.76	2.0	16.65	0	94.7	82	128	0	0		
Endrin	17.33	2.0	16.65	0	104	77	139	0	0		
gamma-BHC	17.31	1.0	16.65	0	104	82	139	0	0		
Heptachlor	16.9	1.0	16.65	0	101	68	152	0	0		

Sample ID **LCS-21406** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC9_050222A**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **685361**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	16.75	2.0	16.65	0	101	66	136	0	0		
Aldrin	18.43	1.0	16.65	0	111	85	134	0	0		
Dieldrin	17.75	2.0	16.65	0	107	82	128	0	0		
Endrin	22.62	2.0	16.65	0	136	77	139	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **LCS-21406** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC9_050222A**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **685361**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
gamma-BHC	18.95	1.0	16.65	0	114	82	139	0	0		
Heptachlor	18.95	1.0	16.65	0	114	68	152	0	0		

Sample ID **LCS-21406** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC9_050222A**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **685453**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	18.33	2.0	16.65	0	110	66	136	0	0		
Aldrin	18.98	1.0	16.65	0	114	85	134	0	0		
Dieldrin	18.55	2.0	16.65	0	111	82	128	0	0		
Endrin	22.33	2.0	16.65	0	134	77	139	0	0		
gamma-BHC	19.6	1.0	16.65	0	118	82	139	0	0		
Heptachlor	20.48	1.0	16.65	0	123	68	152	0	0		

Sample ID **LCS-21381** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/21/2005** Run ID: **GC5_050221A**
Client ID: **ZZZZZ** Batch ID: **21381** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **687262**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	15.89	2.0	16.65	0	95.4	66	136	0	0		
Aldrin	16.45	1.0	16.65	0	98.8	85	134	0	0		
Dieldrin	16.08	2.0	16.65	0	96.6	82	128	0	0		
Endrin	17.8	2.0	16.65	0	107	77	139	0	0		
gamma-BHC	17.43	1.0	16.65	0	105	82	139	0	0		
Heptachlor	16.93	1.0	16.65	0	102	68	152	0	0		

Sample ID **LCS-21406** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC9_050222A**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/28/2005** SeqNo: **688091**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	16.15	2.0	16.65	0	97	66	136	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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Work Order: 074484
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **LCS-21406** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC9_050222A**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/28/2005** SeqNo: **688091**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	15.95	1.0	16.65	0	95.8	85	134	0	0		
Dieldrin	15.67	2.0	16.65	0	94.1	82	128	0	0		
Endrin	16.02	2.0	16.65	0	96.2	77	139	0	0		
gamma-BHC	16.65	1.0	16.65	0	100	82	139	0	0		
Heptachlor	16.97	1.0	16.65	0	102	68	152	0	0		

Sample ID **074440-017AMS** SampType: **MS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/21/2005** Run ID: **GC5_050221A**
Client ID: **ZZZZZ** Batch ID: **21381** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **683995**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	17.91	2.0	16.65	1.712	97.3	48	150	0	0		
Aldrin	17.74	1.0	16.65	0	107	78	136	0	0		
Dieldrin	17.38	2.0	16.65	0	104	72	136	0	0		
Endrin	20.1	2.0	16.65	0	121	74	150	0	0		
gamma-BHC	18.12	1.0	16.65	0	109	76	138	0	0		
Heptachlor	18.51	1.0	16.65	0	111	71	149	0	0		

Sample ID **074484-014AMS** SampType: **MS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC9_050222A**
Client ID: **PG3-3** Batch ID: **21406** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **685362**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	16.05	2.0	16.65	0	96.4	48	150	0	0		
Aldrin	17.57	1.0	16.65	0	106	78	136	0	0		
Dieldrin	16.73	2.0	16.65	0	101	72	136	0	0		
Endrin	22.22	2.0	16.65	0	133	74	150	0	0		
gamma-BHC	18	1.0	16.65	0	108	76	138	0	0		
Heptachlor	18.3	1.0	16.65	0	110	71	149	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **074440-017AMSD** SampType: **MSD** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/21/2005** Run ID: **GC5_050221A**
Client ID: **ZZZZZ** Batch ID: **21381** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **683996**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4′-DDT	17.78	2.0	16.65	1.712	96.5	48	150	17.91	0.691	30	
Aldrin	17.18	1.0	16.65	0	103	78	136	17.74	3.24	30	
Dieldrin	16.98	2.0	16.65	0	102	72	136	17.38	2.27	30	
Endrin	19.71	2.0	16.65	0	118	74	150	20.1	1.95	30	
gamma-BHC	17.61	1.0	16.65	0	106	76	138	18.12	2.85	30	
Heptachlor	18	1.0	16.65	0	108	71	149	18.51	2.75	30	

Sample ID **074484-014AMSD** SampType: **MSD** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC9_050222A**
Client ID: **PG3-3** Batch ID: **21406** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **685363**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4′-DDT	15.12	2.0	16.65	0	90.8	48	150	16.05	5.99	30	
Aldrin	17.32	1.0	16.65	0	104	78	136	17.57	1.43	30	
Dieldrin	16.45	2.0	16.65	0	98.8	72	136	16.73	1.71	30	
Endrin	21.88	2.0	16.65	0	131	74	150	22.22	1.51	30	
gamma-BHC	17.72	1.0	16.65	0	106	76	138	18	1.59	30	
Heptachlor	18.08	1.0	16.65	0	109	71	149	18.3	1.19	30	

Sample ID **074484-014ADUP** SampType: **DUP** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC9_050222A**
Client ID: **PG3-3** Batch ID: **21406** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **685365**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4′-DDD	ND	2.0	0	0	0	0	0	0	0	30	
4,4′-DDE	ND	2.0	0	0	0	0	0	0	0	30	
4,4′-DDT	ND	2.0	0	0	0	0	0	0	0	30	
Aldrin	ND	1.0	0	0	0	0	0	0	0	30	
alpha-BHC	ND	1.0	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	1.0	0	0	0	0	0	0	0	30	
beta-BHC	ND	1.0	0	0	0	0	0	0	0	30	
Chlordane	ND	8.5	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **074484-014ADUP** SampType: **DUP** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC9_050222A**
Client ID: **PG3-3** Batch ID: **21406** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **685365**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
delta-BHC	ND	1.0	0	0	0	0	0	0	0	30	
Dieldrin	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan I	ND	1.0	0	0	0	0	0	0	0	30	
Endosulfan II	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	2.0	0	0	0	0	0	0	0	30	
Endrin	ND	2.0	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	2.0	0	0	0	0	0	0	0	30	
Endrin ketone	ND	2.0	0	0	0	0	0	0	0	30	
gamma-BHC	ND	1.0	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	1.0	0	0	0	0	0	0	0	30	
Heptachlor	ND	1.0	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	1.0	0	0	0	0	0	0	0	30	
Methoxychlor	ND	8.5	0	0	0	0	0	0	0	30	
Toxaphene	ND	85	0	0	0	0	0	0	0	30	

Sample ID **074484-009ADUP** SampType: **DUP** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/21/2005** Run ID: **GC5_050221A**
Client ID: **PG2-1.5** Batch ID: **21381** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **687268**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0	0	0	0	0	0	0	0	30	
4,4´-DDE	ND	2.0	0	0	0	0	0	0	0	30	
4,4´-DDT	ND	2.0	0	0	0	0	0	0	0	30	
Aldrin	ND	1.0	0	0	0	0	0	0	0	30	
alpha-BHC	ND	1.0	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	1.0	0	0	0	0	0	0	0	30	
beta-BHC	ND	1.0	0	0	0	0	0	0	0	30	
Chlordane	ND	8.5	0	0	0	0	0	0	0	30	
delta-BHC	ND	1.0	0	0	0	0	0	0	0	30	
Dieldrin	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan I	ND	1.0	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **074484-009ADUP** SampType: **DUP** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/21/2005** Run ID: **GC5_050221A**
Client ID: **PG2-1.5** Batch ID: **21381** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **687268**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endosulfan II	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	2.0	0	0	0	0	0	0	0	30	
Endrin	ND	2.0	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	2.0	0	0	0	0	0	0	0	30	
Endrin ketone	ND	2.0	0	0	0	0	0	0	0	30	
gamma-BHC	ND	1.0	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	1.0	0	0	0	0	0	0	0	30	
Heptachlor	ND	1.0	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	1.0	0	0	0	0	0	0	0	30	
Methoxychlor	ND	8.5	0	0	0	0	0	0	0	30	
Toxaphene	ND	85	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **MB-21412** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC4_050222A**
Client ID: **ZZZZZ** Batch ID: **21412** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **684340**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **MB-21412** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC4_050222A**
Client ID: **ZZZZZ** Batch ID: **21412** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **684965**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **MB-21406** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC4_050222B**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **685130**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **MB-21406** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC4_050222B**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **685130**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **MB-21406** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC4_050222B**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **685140**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **MB-21412** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC5_050223A**
Client ID: **ZZZZZ** Batch ID: **21412** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **686515**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **MB-21412** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC5_050223A**
Client ID: **ZZZZZ** Batch ID: **21412** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **686515**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **MB-21406** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC5_050223B**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **686538**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **LCS-21412** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC4_050222A**
Client ID: **ZZZZZ** Batch ID: **21412** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **684341**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	159.7	16	166.6	0	95.9	67	120	0	0		
Aroclor 1260	188	16	166.6	0	113	76	127	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **LCS-21412** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC4_050222A**
Client ID: **ZZZZZ** Batch ID: **21412** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **684966**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	162.3	16	166.6	0	97.4	67	120	0	0		
Aroclor 1260	193.4	16	166.6	0	116	76	127	0	0		

Sample ID **LCSA-21406** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC4_050222B**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **685131**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	164.2	16	166.6	0	98.5	67	120	0	0		
Aroclor 1260	188.5	16	166.6	0	113	76	127	0	0		

Sample ID **LCSA-21406** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC4_050222B**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **685141**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	161.2	16	166.6	0	96.7	67	120	0	0		
Aroclor 1260	191.7	16	166.6	0	115	76	127	0	0		

Sample ID **LCS-21412** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC5_050223A**
Client ID: **ZZZZZ** Batch ID: **21412** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **686516**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	139	16	166.6	0	83.4	67	120	0	0		
Aroclor 1260	182.5	16	166.6	0	109	76	127	0	0		

Sample ID **LCSA-21406** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC5_050223B**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **686539**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	144.8	16	166.6	0	86.9	67	120	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **LCSA-21406** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC5_050223B**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **686539**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	188.4	16	166.6	0	113	76	127	0	0		

Sample ID **074634-001AMS** SampType: **MS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC4_050222A**
Client ID: **ZZZZZ** Batch ID: **21412** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **684342**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	485.4	16	166.6	0	291	71	123	0	0		SE
Aroclor 1260	5089	16	166.6	5385	-177	72	122	0	0		SE

Sample ID **074634-009AMSA** SampType: **MS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC4_050222B**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **685132**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	801	16	166.6	0	481	71	123	0	0		SE
Aroclor 1260	502.4	16	166.6	360.4	85.2	72	122	0	0		E

Sample ID **074634-001AMSD** SampType: **MSD** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC4_050222A**
Client ID: **ZZZZZ** Batch ID: **21412** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **684343**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	518	16	166.6	0	311	71	123	485.4	6.50	30	SE
Aroclor 1260	5047	16	166.6	5385	-203	72	122	5089	0.836	30	SE

Sample ID **074634-009AMSDA** SampType: **MSD** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC4_050222B**
Client ID: **ZZZZZ** Batch ID: **21406** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/22/2005** SeqNo: **685133**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	987.2	16	166.6	0	592	71	123	801	20.8	30	SE
Aroclor 1260	478.1	16	166.6	360.4	70.6	72	122	502.4	4.96	30	SE

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ND - Not Detected at the Reporting Limit
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DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **074484-009ADUP** SampType: **DUP** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC5_050223A**
Client ID: **PG2-1.5** Batch ID: **21412** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **686525**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1260	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1262	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	16	0	0	0	0	0	0	0	30	

Sample ID **074484-014ADUP** SampType: **DUP** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/22/2005** Run ID: **GC5_050223B**
Client ID: **PG3-3** Batch ID: **21406** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/23/2005** SeqNo: **686542**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1260	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1262	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	16	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: MY Date: 2/17/05

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt:
1. CHILLED 4.6 Y☑ N☐ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ (NA) 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☑ N☐

Client: GEOCON
Attn: MATT HANKO
Address: 2356 RESEARCH DRIVE
City LIVERMORE State CA Zip Code 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: SFOBB - West Approach Oakland Terminal
Project #: E8820-00-04
Sampler: (Printed Name) Stephanie Smith (Signature) Stephanie Smith

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
Stephanie Smith	2/16/05	5:30	GSO		
			MY	2/17/05	7:12

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Matt Hanko 2-16-05 (Print Name, Date)
Signature: [signature]

Send Report To: Attn: CLIENT
Co:
Address
City State Zip

Bill To: Attn: CLIENT
Co:
Address
City State Zip

Special Instructions/Comments:
(*) AHVOCs by EPA Method 8260 and report 8021B listed chemicals only

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	8015B (Total Metal)	8015B (GRO)	8015B (DRO)	AHVOCs (*)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	0444854-001	PG4-0	2/16	9:09	X	X			X		X		X				E	1	T P	C	
	2	PG4-1.5		9:12	X	X			X	X	X	X	X								
	3	PG4-4.5		9:17	X	X			X	X	X	X	X								
	4	PG1-0		9:34	X	X			X		X		X								
	5	PG1-1.5		9:37	X	X			X	X	X	X	X								
	6	PG1-4.5		9:40					X	X	X	X	X								
	7	PG1-3		9:40	X	X			X	X	X	X	X								
	8	PG2-0		9:54	X	X			X		X		X								
	9	PG2-1.5		9:58	X	X			X	X	X	X	X								
	10	PG2-4.5		10:04					X	X	X	X	X								

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: [signature] Date: 2/17/05

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt:
1. CHILLED 4.6 Y ☑ N ☐
2. HEADSPACE (VOA) Y ☐ N ☐ na
3. CONTAINER INTACT Y ☑ N ☐
4. SEALED Y ☐ N ☑
5. # OF SPLS MATCH COC Y ☑ N ☐
6. PRESERVED Y ☑ N ☐

Client: GEOCON
Attn: MATT HANKO
Address:
City Livermore State Zip Code
TEL: (925) 371-5900
FAX: (") " 5915

Project Name: SFO BB - West Approach Oak Touchdown
Project #: E8220-06-04
Sampler: (Printed Name) Stephanie Smith (Signature) Stephanie Smith

Relinquished by: (Signature and Printed Name) Stephanie Smith Date: 2/16 Time: 5:30
Received by: (Signature and Printed Name) GSO [signature] Date: 2/17/05 Time: 7:50
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co:
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO)	8015B (DRO)	~~8015B~~ TPH mo AHVOCs by 8021B	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	074484-11	PG2-3	2/16	10:04	X	X			X	X	X	X	X				E	1	T P	C	
	12	PG3-0		10:12	X	X			X		X		X								
	13	PG3-1.5		10:12	X	X			X	X	X	X	X								
	14	PG3-3		10:17	X	X			X	X	X	X	X								
	15	PG3-4.5		10:20					X	X	X	X	X								
	16	PG6-0		10:40	X	X			X		X		X								
	17	PG6-1.5		10:45	X	X			X	X	X	X	X								
	18	PG6-3		10:45	X	X			X	X	X	X	X								
	19	PG6-4.5		10:50					X	X	X	X	X								
	20	S4-1.5		11:09					X		X		X								

- TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: [signature] Date: 2/17/08

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED 4.6 Y ☑ N ☐
2. HEADSPACE (VOA) Y ☐ N ☐ n/a
3. CONTAINER INTACT Y ☑ N ☐
4. SEALED Y ☐ N ☑
5. # OF SPLS MATCH COC Y ☑ N ☐
6. PRESERVED Y ☑ N ☐

Client: G EDCON
Attn: MATT HANKO
Address:
City LIVERMORE State Zip Code
TEL: (925) 371-5900
FAX: (") " 5915

Project Name: SFOBB West approach - Oakland touchdown
Project #: E8220-06-04
Sampler: (Printed Name) Stephanie Smith (Signature) Stephanie Smith

Relinquished by: (Signature and Printed Name) Stephanie Smith Date: 2/16 Time: 5:30 Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) [signature] Date: 2/17/08 Time: 7:10
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To: Attn: _____ Co: _____ Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: _____ Address _____ City _____ State _____ Zip _____

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO)	8015B (DRO)	ALL VOCs by 8021B	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	074484-21	S4-1	2/16	11:17					X		X		X				E	1	P	C	
	22	S4-0		11:17					X		X		X						T P		
	23	S4-2		11:23					X		X		X						T P		
	24	S4-0.5		11:23					X		X		X						T M		
	25	S3-1.5		11:50					X		X		X						T P		
	26	S3-1.0		11:52					X		X		X						T P		
	27	S3-0		11:52					X		X		X						T P		
	28	S3-3		11:54					X		X		X						T P		
	29	S3-2		11:56					X		X		X						T P		
	30	S3-4.5		11:57					X		X		X						T P		

- TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: [signature] Date: 2/17/05

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt:
1. CHILLED 4 6 Y ☑ N ☐
2. HEADSPACE (VOA) Y ☐ N ☐ no
3. CONTAINER INTACT Y ☑ N ☐
4. SEALED Y ☐ N ☑
5. # OF SPLS MATCH COC Y ☑ N ☐
6. PRESERVED Y ☑ N ☐

Client: GEOCON
Attn: MATT HANKO
Address:
City LIVERMORE State Zip Code
TEL: (925) 371-5900
FAX: (") " 5915

Project Name: SFOBB-West approach Oakland touchdown
Project #: E8220-06-04
Sampler: (Printed Name) Stephanie Smith (Signature) Stephanie Smith

Relinquished by: (Signature and Printed Name) Stephanie Smith Date: 2/16 Time: 5:30 Received by: (Signature and Printed Name) GSO Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) [signature] Date: 2/17/05 Time: 7:30
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co:
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO)	8015B (DRO) + TPH mo	AV-VOCs by 8021B	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	074484-31	S3-0.5	2/16	12:04					X		X		X				E	1	T M	C	
	32	S1-1.5		12:14					X		X		X						T P	C	
	33	S1-1		12:14					X		X		X						T P		
	34	S1-0		12:17					X		X		X						T M		
	35	S1-3		12:18					X		X		X						T P		
	36	S1-2		12:19					X		X		X						T P		
	37	S1-4.5		12:24					X		X		X						T P		
	38	S1-0.5		12:24					X		X		X						T M		
	39	S2-1.5		12:40					X		X		X						T P		
	40	S2-1.0		12:41					X		X		X						T P		

- TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GeoCon
Attn: Matt Hanko
Address: Livermore
City State Zip Code
TEL: ( )
FAX: ( )

Project Name: SFOBB West Approach Oakland Touch Down
Project #: E8220-06-04
Sampler: (Printed Name) Matt Hanko (Signature)

Relinquished by: (Signature and Printed Name) [signature] Date 2-16-05 Time: 5:30 Received by: (Signature and Printed Name) GSO Date: 2-16-05 Time: 5:30
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn: _____
Co: _____
Address _____
City _____ State ____ Zip ____

Bill To:
Attn: _____
Co: _____
Address _____
City _____ State ____ Zip ____

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested; SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) HOLD	8015B (DRO)	Filtered & Preserved	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	074484-041	SZ-0.5	2/16	1242				X	X	X			X				E	1	T P	C	
	-042	SZ-3.0		1244				X	X												
	-043	SZ-2.0		1245				X	X												
	044	SZ-4.5		1248				X	X												
	-045	SZ-0		1252				X	X									1	T M	C	
	-046	T1-0		1308	X	X			X			Hold						1	T P	C	
	-047	T1-0.5		1309				X	X			Hold									
	-048	T1-1.0		1307	X	X			X		X	Hold									
	-049	T1-1.5		1305				X	X												
	-050	T1-2.0		1315							X										

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter

02/17/2005 14:15 9257153513 GEOCON - EAST BAY PAGE 02

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:
Logged By: mly Date: 2/17/05

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt:
1. CHILLED 4.6 Y☑ N☐ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ N 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☑ N☐

Client: GeoCon
Attn: Matt Hanko
Address: Livermore
City State Zip Code
TEL: ( )
FAX: ( )

Project Name: SFOBB West Approach Oakland Touch Down
Project #: E8~~22~~ 520-06-04
Sampler: (Printed Name) Matt Hanko (Signature)

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
[signature]	2-16-05	5:30	GSO	2-16-05	5:30
			mly	2/17/05	7:50

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co:
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

Q A / Q C: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO)	8015B (DRO)	~~Lead~~	~~Total Metals~~	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	07W584-41	SZ-0.5	2/16/05	1242				X		X				X				E	1	T P	C	
	42	SZ-3.0		1244				X		X												
	43	SZ-2.0		1245				X		X												
	44	SZ-4.5		1248				X		X												
	45	SZ-0		1252				X		X									1	T M	C	
	46	T1-0		1308	X	X				X									1	T P	C	
	47	T1-0.5		1309					X	X												
	48	T1-1.0		1307	X	X				X		X										
	49	T1-1.5		1305					X													
	50	T1-2.0		1315								X										

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: Geocon
Attn: Matt Hanko
Address: Livermore
City: State: Zip Code:
TEL: ( )
FAX: ( )

Project Name: SFORB West Approach Oakland Touch Down
Project #:
Sampler: (Printed Name) Matt Hanko (Signature) [signature]

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
[signature]	2-16-05	5:30	650	2-16-05	5:30

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name _____ Date _____
Signature _____

Send Report To:
Attn: _____
Co: See page 1
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	8010B (Total Metal)	8015B (GRO)	8015B (DRO)	Lead + TPH-10	AH VOCs	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	074484-051	T2-0	2/16/05	1323								X	Hold	X				E	1	T P	C	
	-052	T2-0.5		1322								X	Hold									
	-053	T2-1.0		1321								X										
	-054	T2-1.5		1320								X										
	-055	T2-2.0		1325																		Hold
	-056	T3-0		1333	X	X					X	X										
	-057	T3-0.5		1332						X		X										
	-058	T3-1.0		1331	X	X					X	X	X									
	-059	T3-1.5		1330						X		X										
	-060	T3-2.0		1336									X									

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report. Yellow to folder. Pink to submitter.

02/17/2005 14:13 9253715915 GEOCON - EAST BAY PAGE 03

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: [signature] Date: 2/17/05

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt:
1. CHILLED 4 6 Y☑ N☐
2. HEADSPACE (VOA) Y☐ N☐ ng
3. CONTAINER INTACT Y☑ N☐
4. SEALED Y☐ N☑
5. # OF SPLS MATCH COC Y☑ N☐
6. PRESERVED Y☑ N☐

Client: Geocon
Attn: Matt Hanko
Address: Livermore
City State Zip Code
TEL: ( )
FAX: ( )

Project Name: SFOBB West Approach Oakland Touch Down
Project #:
Sampler: (Printed Name) Matt Hanko (Signature) [signature]

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
[signature]	2-16-05	5:30	GSO	2-16-05	5:30
			[signature]	2/17/05	7:50

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To: Attn: Co: See page 1 Address City State Zip

Bill To: Attn: Co: Address City State Zip

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	Lead	ATPH mo	AHVOCs	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	074484.051	T2-0	2/16/05	1323								X			X				E	1	T P C		
	52	T2-0.5	↓	1322								X			↓				↓	↓	↓		
	53	T2-1.0	↓	1321								X			↓				↓	↓	↓		
	54	T2-1.5	↓	1320								X			↓				↓	↓	↓		
	55	T2-2.0	↓	1325											↓				↓	↓	↓		Hold
	56	T3-0	↓	1333	X	X					X				↓				↓	↓	↓		
	57	T3-0.5	↓	1332						X					↓				↓	↓	↓		
	58	T3-1.0	↓	1331	X	X					X		X		↓				↓	↓	↓		
	59	T3-1.5	↓	1330						X					↓				↓	↓	↓		
	60	T3-2.0	↓	1336									X		↓				↓	↓	↓		

- TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: [signature] Date: 2/17/05

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED 4.6 Y☑ N☐
2. HEADSPACE (VOA) Y☐ N☐ m
3. CONTAINER INTACT Y☑ N☐
4. SEALED Y☐ N☑
5. # OF SPLS MATCH COC Y☑ N☐
6. PRESERVED Y☑ N☐

Client: Geocon
Attn: Matt Hanko
Address: Livermore
City State Zip Code
TEL: ( )
FAX: ( )

Project Name: SFOBB West Approach Oakland Touch Down
Project #: E8220-06-04
Sampler: (Printed Name) Matt Hanko (Signature) [signature]

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
[signature]	2-16-05	5:30	GSO	2-16-05	5:30
			[signature]	2/17/05	7:52

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co: client
Address
City State Zip

Bill To:
Attn:
Co: →
Address
City State Zip

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	Lead	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	074484.61	T4-0	2/16/05	1348								X	X				E	1	T	PC	
	62	T4-0.5	↓	1347								X	↓				↓	↓	↓		
	63	T4-1.0	↓	1346								X	↓				↓	↓	↓		
	64	T4-1.5	↓	1345								X	↓				↓	↓	↓		

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Monday, February 28, 2005 9:58 AM
To: Galvan, Diane
Subject: SFOBB Storm Water Project

Diane:

RE: SFOBB Storm Water Project

For the samples collected on 2-25-05, please for all samples marked for metals by 6010, analyze for the CAM 17 metals.

Thank you,

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

April 29, 2005

RECEIVED
MAY 04 2005
By_____

ACCREDITED IN ACCORDANCE WITH nelac

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Matt Hanko
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

Workorder No.: 074215

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 09, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Project: SFOBB West Approach Oakland Touchdown, E
Lab Order: 074215

CASE NARRATIVE

Samples 074215-005A, 074215-007A and 074215-016A were redigested and reanalyzed for Total and WET Lead, per client request. Both results are reported.

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	T2-0.5
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 11:38:00 AM
Lab ID:	074215-005A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ICP						
	(EPA 3050M)			**EPA 6010B**		
RunID: ICP5_050426A	QC Batch: 22437			PrepDate	4/25/2005	Analyst: **RQ**
Lead	100	5.0		mg/Kg	1	4/26/2005
Lead	93	5.0		mg/Kg	1	2/15/2005
LEAD BY ATOMIC ABSORPTION BY STLC						
				WET/ EPA 7420		
RunID: AA2_050426A	QC Batch: R49338			PrepDate		Analyst: **MJM**
Lead	5.5	0.25		mg/L	1	4/26/2005
Lead	13	0.50		mg/L	2	3/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	T4-0.5
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 12:08:00 AM
Lab ID:	074215-007A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ICP						
	(EPA 3050M)			**EPA 6010B**		
RunID: ICP5_050426A	QC Batch: 22437			PrepDate	4/25/2005	Analyst: **RQ**
Lead	160	5.0		mg/Kg	1	4/26/2005
Lead	53	5.0		mg/Kg	1	2/15/2005
LEAD BY ATOMIC ABSORPTION BY STLC						
				WET/ EPA 7420		
RunID: AA2_050426A	QC Batch: R49338			PrepDate		Analyst: **MJM**
Lead	5.4	0.25		mg/L	1	4/26/2005
Lead	5.6	0.25		mg/L	1	3/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	T5-0.5
Lab Order:	074215		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/7/2005 1:16:00 PM
Lab ID:	074215-016A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ICP						
	(EPA 3050M)			**EPA 6010B**		
RunID: ICP5_050426A	QC Batch: 22437			PrepDate	4/25/2005	Analyst: **RQ**
Lead	160	5.0		mg/Kg	1	4/26/2005
Lead	53	5.0		mg/Kg	1	2/15/2005
LEAD BY ATOMIC ABSORPTION BY STLC						
				WET/ EPA 7420		
RunID: AA2_050428B	QC Batch: R49434			PrepDate		Analyst: **MJM**
Lead	5.5	0.25		mg/L	1	4/28/2005
Lead	6.4	0.25		mg/L	1	3/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Apr-05*

CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID **MB-21268A** SampType: **MBLK** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/15/2005** Run ID: **ICP5_050215B**
Client ID: **ZZZZZ** Batch ID: **21268** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **2/15/2005** SeqNo: **679225**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID **MB-21268B** SampType: **MBLK** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/15/2005** Run ID: **ICP5_050215B**
Client ID: **ZZZZZ** Batch ID: **21268** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **2/15/2005** SeqNo: **679243**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID **MB-21269A** SampType: **MBLK** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/15/2005** Run ID: **ICP5_050215C**
Client ID: **ZZZZZ** Batch ID: **21269** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **2/15/2005** SeqNo: **679354**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID **MB-21269B** SampType: **MBLK** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/15/2005** Run ID: **ICP5_050215C**
Client ID: **ZZZZZ** Batch ID: **21269** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **2/15/2005** SeqNo: **679370**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID **MB-22437A** SampType: **MBLK** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP5_050426A**
Client ID: **ZZZZZ** Batch ID: **22437** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **4/26/2005** SeqNo: **723653**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21268	LCS	6010_SPB	mg/Kg	2/15/2005	ICP5_050215B
Client ID: ZZZZZ	Batch ID: 21268	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/15/2005	SeqNo: 679226

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	266.2	5.0	250	0	106	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21269	LCS	6010_SPB	mg/Kg	2/15/2005	ICP5_050215C
Client ID: ZZZZZ	Batch ID: 21269	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/15/2005	SeqNo: 679355

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	262.5	5.0	250	0	105	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-22437	LCS	6010_SPB	mg/Kg	4/25/2005	ICP5_050426A
Client ID: ZZZZZ	Batch ID: 22437	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 4/26/2005	SeqNo: 723654

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	264.9	5.0	250	0	106	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074211-013AMS	MS	6010_SPB	mg/Kg	2/15/2005	ICP5_050215B
Client ID: ZZZZZ	Batch ID: 21268	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/15/2005	SeqNo: 679238

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	315	5.0	250	121.1	77.6	47	125	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-010AMS	MS	6010_SPB	mg/Kg	2/15/2005	ICP5_050215B
Client ID: T6-1.0	Batch ID: 21268	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/15/2005	SeqNo: 679255

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	195	5.0	250	2.347	77.1	47	125	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID	074215-020AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215C
Client ID:	T11-1.0	Batch ID:	21269	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679367

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	213	5.0	250	3.42	83.8	47	125	0	0		

Sample ID	074215-022AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215C
Client ID:	T7-1.5	Batch ID:	21269	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679382

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	184.6	5.0	250	4.092	72.2	47	125	0	0		

Sample ID	074546-030AMS	SampType:	MS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	4/25/2005	Run ID:	ICP5_050426A
Client ID:	ZZZZZ	Batch ID:	22437	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	4/26/2005	SeqNo:	723664

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1669	5.0	250	1687	-7.07	47	125	0	0		S

Sample ID	074215-010AMSD	SampType:	MSD	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215B
Client ID:	T6-1.0	Batch ID:	21268	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679256

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	204.4	5.0	250	2.347	80.8	47	125	195	4.70	20	

Sample ID	074215-022AMSD	SampType:	MSD	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215C
Client ID:	T7-1.5	Batch ID:	21269	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679383

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	174.9	5.0	250	4.092	68.3	47	125	184.6	5.40	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID	074211-013ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215B
Client ID:	ZZZZZ	Batch ID:	21268	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679237

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	121	5.0	0	0	0	0	0	121.1	0.124	20	

Sample ID	074215-010ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215B
Client ID:	T6-1.0	Batch ID:	21268	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679254

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0	0	0	0	2.347	0	20	

Sample ID	074215-020ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215C
Client ID:	T11-1.0	Batch ID:	21269	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679366

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0	0	0	0	3.42	0	20	

Sample ID	074215-022ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/15/2005	Run ID:	ICP5_050215C
Client ID:	T7-1.5	Batch ID:	21269	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/15/2005	SeqNo:	679381

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0	0	0	0	4.092	0	20	

Sample ID	074546-030ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	4/25/2005	Run ID:	ICP5_050426A
Client ID:	ZZZZZ	Batch ID:	22437	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	4/26/2005	SeqNo:	723663

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1535	5.0	0	0	0	0	0	1687	9.42	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21468	MBLK	7420_ST	mg/L		AA2_050301B
Client ID: ZZZZZ	Batch ID: R47123	TestNo: WET/ EPA 74		Analysis Date: 3/1/2005	SeqNo: 688874

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21468A	MBLK	7420_ST	mg/L		AA2_050301B
Client ID: ZZZZZ	Batch ID: R47123	TestNo: WET/ EPA 74		Analysis Date: 3/1/2005	SeqNo: 688875

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21468B	MBLK	7420_ST	mg/L		AA2_050301B
Client ID: ZZZZZ	Batch ID: R47123	TestNo: WET/ EPA 74		Analysis Date: 3/1/2005	SeqNo: 688888

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21469	MBLK	7420_ST	mg/L		AA2_050301C
Client ID: ZZZZZ	Batch ID: R47124	TestNo: WET/ EPA 74		Analysis Date: 3/1/2005	SeqNo: 688903

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21469A	MBLK	7420_ST	mg/L		AA2_050301C
Client ID: ZZZZZ	Batch ID: R47124	TestNo: WET/ EPA 74		Analysis Date: 3/1/2005	SeqNo: 688904

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

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CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID	MB-21469	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050303E
Client ID:	ZZZZZ	Batch ID:	R47224	TestNo:	WET/ EPA 74			Analysis Date:	3/3/2005	SeqNo:	690318

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	MB-21469A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050303E
Client ID:	ZZZZZ	Batch ID:	R47224	TestNo:	WET/ EPA 74			Analysis Date:	3/3/2005	SeqNo:	690319

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	MB-22407	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050426A
Client ID:	ZZZZZ	Batch ID:	R49338	TestNo:	WET/ EPA 74			Analysis Date:	4/26/2005	SeqNo:	723565

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	MB-22407A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050426A
Client ID:	ZZZZZ	Batch ID:	R49338	TestNo:	WET/ EPA 74			Analysis Date:	4/26/2005	SeqNo:	723566

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25	0	0	0	0	0	0	0		

Sample ID	MB-22463	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050428B
Client ID:	ZZZZZ	Batch ID:	R49434	TestNo:	WET/ EPA 74			Analysis Date:	4/28/2005	SeqNo:	725010

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Qualifiers:
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-22463A	MBLK	7420_ST	mg/L		AA2_050428B
Client ID: ZZZZZ	Batch ID: R49434	TestNo: WET/ EPA 74		Analysis Date: 4/28/2005	SeqNo: 725022

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25	0	0	0	0	0	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21468	LCS	7420_ST	mg/L		AA2_050301B
Client ID: ZZZZZ	Batch ID: R47123	TestNo: WET/ EPA 74		Analysis Date: 3/1/2005	SeqNo: 688902

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.252	0.25	5	0	105	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21469	LCS	7420_ST	mg/L		AA2_050301C
Client ID: ZZZZZ	Batch ID: R47124	TestNo: WET/ EPA 74		Analysis Date: 3/1/2005	SeqNo: 688905

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.065	0.25	5	0	101	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21469	LCS	7420_ST	mg/L		AA2_050303E
Client ID: ZZZZZ	Batch ID: R47224	TestNo: WET/ EPA 74		Analysis Date: 3/3/2005	SeqNo: 690320

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.168	0.25	5	0	103	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-22407	LCS	7420_ST	mg/L		AA2_050426A
Client ID: ZZZZZ	Batch ID: R49338	TestNo: WET/ EPA 74		Analysis Date: 4/26/2005	SeqNo: 723567

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.168	0.25	5	0	103	80	120	0	0		

Qualifiers:
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID	LCS-22463	SampType:	LCS	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050428B
Client ID:	ZZZZZ	Batch ID:	R49434	TestNo:	WET/ EPA 74			Analysis Date:	4/28/2005	SeqNo:	725023

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.117	0.25	5	0	102	80	120	0	0		

Sample ID	074211-001AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050301B
Client ID:	ZZZZZ	Batch ID:	R47123	TestNo:	WET/ EPA 74			Analysis Date:	3/1/2005	SeqNo:	688887

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10.34	0.50	5	5.227	102	70	130	0	0		

Sample ID	074215-008AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050301B
Client ID:	T6-0	Batch ID:	R47123	TestNo:	WET/ EPA 74			Analysis Date:	3/1/2005	SeqNo:	688900

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	13.66	1.2	5	8.968	93.9	70	130	0	0		

Sample ID	074371-006AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050301C
Client ID:	ZZZZZ	Batch ID:	R47124	TestNo:	WET/ EPA 74			Analysis Date:	3/1/2005	SeqNo:	688911

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	35.78	2.5	5	31.63	83	70	130	0	0		

Sample ID	074371-006AMS	SampType:	MS	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050303E
Client ID:	ZZZZZ	Batch ID:	R47224	TestNo:	WET/ EPA 74			Analysis Date:	3/3/2005	SeqNo:	690324

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	20.28	1.2	5	14.65	112	70	130	0	0		

Qualifiers:
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
075546-030AMS	MS	7420_ST	mg/L		AA2_050426A
Client ID: ZZZZZ	Batch ID: R49338	TestNo: WET/ EPA 74		Analysis Date: 4/26/2005	SeqNo: 723576

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	25.57	1.2	5	18.75	136	70	130	0	0		S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-016AMS	MS	7420_ST	mg/L		AA2_050428B
Client ID: T5-0.5	Batch ID: R49434	TestNo: WET/ EPA 74		Analysis Date: 4/28/2005	SeqNo: 725026

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	11.01	0.50	5	5.535	109	70	130	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-008AMSD	MSD	7420_ST	mg/L		AA2_050301B
Client ID: T6-0	Batch ID: R47123	TestNo: WET/ EPA 74		Analysis Date: 3/1/2005	SeqNo: 688901

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	13.63	1.2	5	8.968	93.3	70	130	13.66	0.213	20	

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074371-006AMSD	MSD	7420_ST	mg/L		AA2_050301C
Client ID: ZZZZZ	Batch ID: R47124	TestNo: WET/ EPA 74		Analysis Date: 3/1/2005	SeqNo: 688912

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	35.85	2.5	5	31.63	84.5	70	130	35.78	0.210	20	

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074371-006AMSD	MSD	7420_ST	mg/L		AA2_050303E
Client ID: ZZZZZ	Batch ID: R47224	TestNo: WET/ EPA 74		Analysis Date: 3/3/2005	SeqNo: 690325

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	20.14	1.2	5	0	403	70	130	0	0		S

Qualifiers:
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
075546-030AMSD	MSD	7420_ST	mg/L		AA2_050426A
Client ID: ZZZZZ	Batch ID: R49338	TestNo: WET/ EPA 74		Analysis Date: 4/26/2005	SeqNo: 723577

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	26.1	1.2	5	18.75	147	70	130	25.57	2.08	20	S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-016AMSD	MSD	7420_ST	mg/L		AA2_050428B
Client ID: T5-0.5	Batch ID: R49434	TestNo: WET/ EPA 74		Analysis Date: 4/28/2005	SeqNo: 725027

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	11.09	0.50	5	5.535	111	70	130	11.01	0.757	20	

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074211-001ADUP	DUP	7420_ST	mg/L		AA2_050301B
Client ID: ZZZZZ	Batch ID: R47123	TestNo: WET/ EPA 74		Analysis Date: 3/1/2005	SeqNo: 688886

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.151	0.25	0	0	0	0	0	5.227	31.1	20	R

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074215-008ADUP	DUP	7420_ST	mg/L		AA2_050301B
Client ID: T6-0	Batch ID: R47123	TestNo: WET/ EPA 74		Analysis Date: 3/1/2005	SeqNo: 688899

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	11.17	0.50	0	0	0	0	0	8.968	21.9	20	R

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074371-006ADUP	DUP	7420_ST	mg/L		AA2_050301C
Client ID: ZZZZZ	Batch ID: R47124	TestNo: WET/ EPA 74		Analysis Date: 3/1/2005	SeqNo: 688910

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	32.31	1.2	0	0	0	0	0	31.63	2.13	20	

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CLIENT: Geocon Consultants, Inc.
Work Order: 074215
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID **074371-006ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050303E**
Client ID: **ZZZZZ** Batch ID: **R47224** TestNo: **WET/ EPA 74** Analysis Date: **3/3/2005** SeqNo: **690323**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.275	0.25	0	0	0	0	0	14.65	168	20	R

Sample ID **075546-030ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050426A**
Client ID: **ZZZZZ** Batch ID: **R49338** TestNo: **WET/ EPA 74** Analysis Date: **4/26/2005** SeqNo: **723575**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	19.77	0.50	0	0	0	0	0	18.75	5.28	20	

Sample ID **074215-016ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050428B**
Client ID: **T5-0.5** Batch ID: **R49434** TestNo: **WET/ EPA 74** Analysis Date: **4/28/2005** SeqNo: **725025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.555	0.25	0	0	0	0	0	5.535	0.359	20	

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Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Monday, April 18, 2005 12:37 PM
To: Galvan, Diane
Subject: Additional Analysis

Diane:

RE: SFOBB Oakland Touch Down

Attached is an Excel spreadsheet with the requested additional analysis. We want the samples that are listed in the Re-run total and WET column to be run simultaneously from the same homogenized aliquot extracted from the sample.

Thank you,

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

ADDITIONAL LEAD ANALYSIS

Sample ID	Lab Project No.	Re-run Total and WET	WET	TCLP
S1-0.5	74484-038	X		
S2-1.0	74484-040	X		
S3-0.5	74484-031	X		
S4-0	74484-022	X		
S4-0.5	74484-024			X
T2-0.5	74215--005	X		
T4-0.5	74215-007	X		
T5-0.5	74215-016	X		
T9-0.5	74546-006	X		
T10-0	74546--010	X		
T-13-0	74546-014	X		
T-14-0	74546-019			X
T-15-1.0	74546-024	X		
T-16-0	74546-027			X
T-16-0.5	74546-028			X
T-19-0.5	74546-030	X		
T-19-1.5	74546-032			X
T-20-1.0	74546-035		X	
T-20-1.5	74546-036			X
T-21-0.5	74546-038			X

March 28, 2005

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By

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 074484

RE: SFOBB-West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 17, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

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Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 3/28/2005

LEAD BY ATOMIC ABSORPTION WET/ EPA 7420

CLIENT:	Geocon Environmental	**Lab Order:**	074484
Project:	SFOBB-West Approach Oakland Touchdown, E	**Date Received:**	2/17/2005 7:50:0
Project No:		**Matrix:**	Soil
PO No:		**Analyst:**	MJM

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
074484-002A	PG4-1.5	7.8	mg/L	R47867	0.25	1	2/16/2005	3/17/2005
074484-003A	PG4-4.5	20	mg/L	R47867	1.2	5	2/16/2005	3/17/2005
074484-004A	PG1-0	24	mg/L	R47867	1.2	5	2/16/2005	3/17/2005
074484-005A	PG1-1.5	7.4	mg/L	R47867	0.25	1	2/16/2005	3/17/2005
074484-006A	PG1-4.5	5.3	mg/L	R47867	0.25	1	2/16/2005	3/17/2005
074484-007A	PG1-3	6.6	mg/L	R47867	0.25	1	2/16/2005	3/17/2005
074484-013A	PG3-1.5	2.0	mg/L	R47867	0.25	1	2/16/2005	3/17/2005
074484-022A	S4-0	28	mg/L	R47867	1.2	5	2/16/2005	3/17/2005
074484-024A	S4-0.5	54	mg/L	R47867	2.5	10	2/16/2005	3/17/2005
074484-026A	S3-1.0	12	mg/L	R47867	0.5	2	2/16/2005	3/17/2005
074484-027A	S3-0	23	mg/L	R47867	1.2	5	2/16/2005	3/17/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: 3/28/2005

LEAD BY ATOMIC ABSORPTION
WET/ EPA 7420

CLIENT:	Geocon Environmental	**Lab Order:**	074484
Project:	SFOBB-West Approach Oakland Touchdown, E	**Date Received:**	2/17/2005 7:50:0
Project No:		**Matrix:**	Soil
PO No:		**Analyst:**	MJM

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
074484-031A	S3-0.5	29	mg/L	R47867	1.2	5	2/16/2005	3/17/2005
074484-038A	S1-0.5	38	mg/L	R47867	2.5	10	2/16/2005	3/17/2005
074484-040A	S2-1.0	30	mg/L	R47867	1.2	5	2/16/2005	3/17/2005
074484-041A	S2-0.5	43	mg/L	R48169	5	20	2/16/2005	3/24/2005
074484-045A	S2-0	57	mg/L	R47867	2.5	10	2/16/2005	3/17/2005
074484-049A	T1-1.5	5.0	mg/L	R47867	0.25	1	2/16/2005	3/17/2005
074484-054A	T2-1.5	3.6	mg/L	R47867	0.25	1	2/16/2005	3/17/2005

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Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID **MB-21782** SampType: **MBLK** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050317B**
Client ID: **ZZZZZ** Batch ID: **R47867** TestNo: **WET/ EPA 74** Analysis Date: **3/17/2005** SeqNo: **700644**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID **MB-21782A** SampType: **MBLK** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050317B**
Client ID: **ZZZZZ** Batch ID: **R47867** TestNo: **WET/ EPA 74** Analysis Date: **3/17/2005** SeqNo: **700645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID **MB-21782B** SampType: **MBLK** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050317B**
Client ID: **ZZZZZ** Batch ID: **R47867** TestNo: **WET/ EPA 74** Analysis Date: **3/17/2005** SeqNo: **700659**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID **MB-21850** SampType: **MBLK** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050324D**
Client ID: **ZZZZZ** Batch ID: **R48169** TestNo: **WET/ EPA 74** Analysis Date: **3/24/2005** SeqNo: **705978**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID **MB-21850A** SampType: **MBLK** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050324D**
Client ID: **ZZZZZ** Batch ID: **R48169** TestNo: **WET/ EPA 74** Analysis Date: **3/24/2005** SeqNo: **705979**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

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DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID **LCS-21782** SampType: **LCS** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050317B**
Client ID: **ZZZZZ** Batch ID: **R47867** TestNo: **WET/ EPA 74** Analysis Date: **3/17/2005** SeqNo: **700646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.172	0.25	5	0	103	80	120	0	0		

Sample ID **LCS-21850** SampType: **LCS** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050324D**
Client ID: **ZZZZZ** Batch ID: **R48169** TestNo: **WET/ EPA 74** Analysis Date: **3/24/2005** SeqNo: **705980**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.167	0.25	5	0	103	80	120	0	0		

Sample ID **074484-022AMS** SampType: **MS** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050317B**
Client ID: **S4-0** Batch ID: **R47867** TestNo: **WET/ EPA 74** Analysis Date: **3/17/2005** SeqNo: **700658**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	33.81	2.5	5	27.51	126	70	130	0	0		

Sample ID **074484-054AMS** SampType: **MS** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050317B**
Client ID: **T2-1.5** Batch ID: **R47867** TestNo: **WET/ EPA 74** Analysis Date: **3/17/2005** SeqNo: **700670**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.488	0.25	5	3.639	97	70	130	0	0		

Sample ID **074484-041AMS** SampType: **MS** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050324D**
Client ID: **S2-0.5** Batch ID: **R48169** TestNo: **WET/ EPA 74** Analysis Date: **3/24/2005** SeqNo: **705983**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	51.77	5.0	5	42.73	181	70	130	0	0		S

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Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID **074484-054AMSD** SampType: **MSD** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050317B**
Client ID: **T2-1.5** Batch ID: **R47867** TestNo: **WET/ EPA 74** Analysis Date: **3/17/2005** SeqNo: **700671**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.506	0.25	5	3.639	97.4	70	130	8.488	0.220	20	

Sample ID **074484-022ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050317B**
Client ID: **S4-0** Batch ID: **R47867** TestNo: **WET/ EPA 74** Analysis Date: **3/17/2005** SeqNo: **700657**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	39.82	1.2	0	0	0	0	0	27.51	36.6	20	R

Sample ID **074484-054ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050317B**
Client ID: **T2-1.5** Batch ID: **R47867** TestNo: **WET/ EPA 74** Analysis Date: **3/17/2005** SeqNo: **700669**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.826	0.25	0	0	0	0	0	3.639	28.1	20	R

Sample ID **074484-041ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050324D**
Client ID: **S2-0.5** Batch ID: **R48169** TestNo: **WET/ EPA 74** Analysis Date: **3/24/2005** SeqNo: **705982**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	42.4	5.0	0	0	0	0	0	42.73	0.761	20	

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Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Monday, March 14, 2005 7:59 AM
To: Galvan, Diane
Subject: WET Request

Diane:

Please analyze the following samples for soluble lead by WET:

Lab Project 74484:

PG1-0 (004)
PG1-1.5 (005)
PG1-3 (007)
PG1-4.5 (006)
PG3-1.5 (013)
PG4-1.5 (002)
PG4-4.5 (003)
S1-0.5 (038)
S2-0 (045)
S2-0.5 (041)
S2-1.0 (040)
S3-0 (027)
S3-0.5 (031)
S3-1.0 (026)
S4-0 (022)
S4-0.5 (024)
T1-1.5 (049)
T2-1.5 (054)

Thank you,

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

April 06, 2005

ACCREDITED IN ACCORDANCE WITH nelac

Matt Hanko
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5590
FAX: (925) 371-5915

RECEIVED
MAY 05 2005
By

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 074484

RE: SFOBB-West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 17, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

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Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *06-Apr-05*

CLIENT: Geocon Consultants, Inc. **Lab Order:** 074484
Project: SFOBB-West Approach Oakland Touchdown, E

Lab ID: 074484-002 **Collection Date:** 2/16/2005 9:12:00 AM
Client Sample ID: PG4-1.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050404D QC Batch: 22111 PrepDate 4/1/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/4/2005

Lab ID: 074484-003 **Collection Date:** 2/16/2005 9:17:00 AM
Client Sample ID: PG4-4.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050404D QC Batch: 22111 PrepDate 4/1/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/4/2005

Lab ID: 074484-004 **Collection Date:** 2/16/2005 9:34:00 AM
Client Sample ID: PG1-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050404D QC Batch: 22111 PrepDate 4/1/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/4/2005

Lab ID: 074484-005 **Collection Date:** 2/16/2005 9:37:00 AM
Client Sample ID: PG1-1.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050404D QC Batch: 22111 PrepDate 4/1/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/4/2005

Qualifiers:

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E - Value above quantitation range
H-Sample exceding holding time

Results are wet unless othewise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *06-Apr-05*

CLIENT: Geocon Consultants, Inc. **Lab Order:** 074484
Project: SFOBB-West Approach Oakland Touchdown, E

Lab ID: 074484-006 **Collection Date:** 2/16/2005 9:40:00 AM
Client Sample ID: PG1-4.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050404D QC Batch: 22111 PrepDate 4/1/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/4/2005

Lab ID: 074484-007 **Collection Date:** 2/16/2005 9:40:00 AM
Client Sample ID: PG1-3 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050404D QC Batch: 22111 PrepDate 4/1/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/4/2005

Lab ID: 074484-022 **Collection Date:** 2/16/2005 11:17:00 AM
Client Sample ID: S4-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050404D QC Batch: 22111 PrepDate 4/1/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/4/2005

Lab ID: 074484-026 **Collection Date:** 2/16/2005 11:52:00 AM
Client Sample ID: S3-1.0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050404D QC Batch: 22111 PrepDate 4/1/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/4/2005

Qualifiers:

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Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *06-Apr-05*

CLIENT: Geocon Consultants, Inc. **Lab Order:** 074484
Project: SFOBB-West Approach Oakland Touchdown, E

Lab ID: 074484-027 **Collection Date:** 2/16/2005 11:52:00 AM
Client Sample ID: S3-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050404D QC Batch: 22111 PrepDate 4/1/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/4/2005

Lab ID: 074484-031 **Collection Date:** 2/16/2005 12:04:00 PM
Client Sample ID: S3-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050404D QC Batch: 22111 PrepDate 4/1/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/4/2005

Lab ID: 074484-038 **Collection Date:** 2/16/2005 12:24:00 PM
Client Sample ID: S1-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050404D QC Batch: 22111 PrepDate 4/1/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/4/2005

Lab ID: 074484-040 **Collection Date:** 2/16/2005 12:41:00 PM
Client Sample ID: S2-1.0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050404D QC Batch: 22111 PrepDate 4/1/2005 Analyst: RQ						
Lead	ND	1.0		mg/L	20	4/4/2005

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H-Sample exceding holding time

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Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *06-Apr-05*

CLIENT: Geocon Consultants, Inc. **Lab Order:** 074484
Project: SFOBB-West Approach Oakland Touchdown, E

Lab ID: 074484-041 **Collection Date:** 2/16/2005 12:42:00 PM
Client Sample ID: S2-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP						
	(EPA 3010A)			**EPA 1311/ 6010B**		
RunID: ICP6_050404D	QC Batch: 22111			PrepDate	4/1/2005	Analyst: **RQ**
Lead	1.3	1.0		mg/L	20	4/4/2005

Lab ID: 074484-045 **Collection Date:** 2/16/2005 12:52:00 PM
Client Sample ID: S2-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP						
	(EPA 3010A)			**EPA 1311/ 6010B**		
RunID: ICP6_050404D	QC Batch: 22111			PrepDate	4/1/2005	Analyst: **RQ**
Lead	1.2	1.0		mg/L	20	4/4/2005

Lab ID: 074484-049 **Collection Date:** 2/16/2005 1:05:00 PM
Client Sample ID: T1-1.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP						
	(EPA 3010A)			**EPA 1311/ 6010B**		
RunID: ICP6_050404D	QC Batch: 22111			PrepDate	4/1/2005	Analyst: **RQ**
Lead	ND	1.0		mg/L	20	4/4/2005

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Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *06-Apr-05*

CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_TC

Sample ID **MB-22111A** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **4/1/2005** Run ID: **ICP6_050404D**
Client ID: **ZZZZZ** Batch ID: **22111** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/4/2005** SeqNo: **712878**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **MB-22103A TCLP** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **4/1/2005** Run ID: **ICP6_050404D**
Client ID: **ZZZZZ** Batch ID: **22111** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/4/2005** SeqNo: **712879**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050	0	0	0	0	0	0	0		

Sample ID **MB-22111B** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **4/1/2005** Run ID: **ICP6_050404D**
Client ID: **ZZZZZ** Batch ID: **22111** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/4/2005** SeqNo: **712893**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **MB-22103B TCLP** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **4/1/2005** Run ID: **ICP6_050404D**
Client ID: **ZZZZZ** Batch ID: **22111** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/4/2005** SeqNo: **712894**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050	0	0	0	0	0	0	0		

Sample ID **LCS-22111** SampType: **LCS** TestCode: **6010_TC** Units: **mg/L** Prep Date: **4/1/2005** Run ID: **ICP6_050404D**
Client ID: **ZZZZZ** Batch ID: **22111** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/4/2005** SeqNo: **712880**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.062	0.050	1	0	106	85	115	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_TC

Sample ID	074484-031AMS	SampType:	MS	TestCode:	6010_TC	Units:	mg/L	Prep Date:	4/1/2005	Run ID:	ICP6_050404D
Client ID:	S3-0.5	Batch ID:	22111	TestNo:	EPA 1311/ 60 (EPA 3010A)			Analysis Date:	4/4/2005	SeqNo:	712892

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.914	1.0	2.5	0.4074	100	67	120	0	0		

Sample ID	074484-049AMS	SampType:	MS	TestCode:	6010_TC	Units:	mg/L	Prep Date:	4/1/2005	Run ID:	ICP6_050404D
Client ID:	T1-1.5	Batch ID:	22111	TestNo:	EPA 1311/ 60 (EPA 3010A)			Analysis Date:	4/4/2005	SeqNo:	712903

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.825	1.0	2.5	0.0971	109	67	120	0	0		

Sample ID	074484-031ADUP	SampType:	DUP	TestCode:	6010_TC	Units:	mg/L	Prep Date:	4/1/2005	Run ID:	ICP6_050404D
Client ID:	S3-0.5	Batch ID:	22111	TestNo:	EPA 1311/ 60 (EPA 3010A)			Analysis Date:	4/4/2005	SeqNo:	712891

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	1.0	0	0	0	0	0	0.4074	0	20	

Sample ID	074484-049ADUP	SampType:	DUP	TestCode:	6010_TC	Units:	mg/L	Prep Date:	4/1/2005	Run ID:	ICP6_050404D
Client ID:	T1-1.5	Batch ID:	22111	TestNo:	EPA 1311/ 60 (EPA 3010A)			Analysis Date:	4/4/2005	SeqNo:	712902

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	1.0	0	0	0	0	0	0.0971	0	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Friday, March 25, 2005 4:54 PM
To: Galvan, Diane
Subject: Additional Analysis - Oakland Touch Down

Diane:

RE: Addtional analysis for multiple Lab Project Nos.

Lab Project No. 74546
Please run WET for lead on the following:

Sample ID	Sample No.
T9-0.5	6
T10-0	10
T13-0	14
T14-0	19
T15-1.0	24
T16-0	27
T16-0.5	28
T19-0	29
T19-0.5	30
T19-1.5	32
T20-1.5	36
T21-0.5	38

Please run TCLP for lead on the following:

Lab Project No. 74546

T9-0	5
T15-0.5	23
T20-0	33

Lab Project No. 74484

PG1-0	4
PG1-1.5	5
PG1-3	7
PG1-4.5	6
PG4-1.5	2
PG4-4.5	3
S1-0.5	38
S2-0	45
S2-0.5	41
S2-1.0	40

S3-0	27
S3-0.5	31
S3-1.0	26
S4-0	22
T1-1.5	49

Lab Project No. 74215:

T1-05	2
T2-0.5	5
T4-0.5	7
T5-O.5	16
T6-0	8
T11-0	18

Lab Project No. 74211:

T12-0	1
T17-0	5
T18-0.5	8
T23-0	10
T23-0.5	13
T23-1.0	11

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

April 19, 2005

ACCREDITED IN ACCORDANCE WITH nelac

Matt Hanko
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5590
FAX: (925) 371-5915

RECEIVED
MAY 05 2005
By

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 074484

RE: SFOBB-West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 17, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *19-Apr-05*

CLIENT: Geocon Consultants, Inc. **Lab Order:** 074484
Project: SFOBB-West Approach Oakland Touchdown, E

Lab ID: 074484-013 **Collection Date:** 2/16/2005 10:12:00 AM
Client Sample ID: PG3-1.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
MERCURY BY STLC						
(EPA 7470)			**WET/ EPA 7470A**			
RunID: AA1_050418B	QC Batch: 22303				PrepDate 4/18/2005	Analyst: **JT**
Mercury	7.1	1.0	H	µg/L	1	4/18/2005

Lab ID: 074484-024 **Collection Date:** 2/16/2005 11:23:00 AM
Client Sample ID: S4-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP						
(EPA 3010A)			**EPA 1311/ 6010B**			
RunID: ICP5_050413C	QC Batch: 22259				PrepDate 4/13/2005	Analyst: **RQ**
Lead	1.3	1.0		mg/L	20	4/13/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Sample exceding holding time

Results are wet unless othewise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *19-Apr-05*

CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_TC

Sample ID **MB-22259A** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **4/13/2005** Run ID: **ICP5_050413C**
Client ID: **ZZZZZ** Batch ID: **22259** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/13/2005** SeqNo: **717388**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **MB-22248A TCLP** SampType: **MBLK** TestCode: **6010_TC** Units: **mg/L** Prep Date: **4/13/2005** Run ID: **ICP5_050413C**
Client ID: **ZZZZZ** Batch ID: **22259** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/13/2005** SeqNo: **717389**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050	0	0	0	0	0	0	0		

Sample ID **LCS-22259** SampType: **LCS** TestCode: **6010_TC** Units: **mg/L** Prep Date: **4/13/2005** Run ID: **ICP5_050413C**
Client ID: **ZZZZZ** Batch ID: **22259** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/13/2005** SeqNo: **717390**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.01	0.050	1	0	101	85	115	0	0		

Sample ID **074964-012AMS** SampType: **MS** TestCode: **6010_TC** Units: **mg/L** Prep Date: **4/13/2005** Run ID: **ICP5_050413C**
Client ID: **ZZZZZ** Batch ID: **22259** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/13/2005** SeqNo: **717395**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.798	1.0	2.5	5.291	180	67	120	0	0		S

Sample ID **074964-012AMSD** SampType: **MSD** TestCode: **6010_TC** Units: **mg/L** Prep Date: **4/13/2005** Run ID: **ICP5_050413C**
Client ID: **ZZZZZ** Batch ID: **22259** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/13/2005** SeqNo: **717396**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	11.29	1.0	2.5	5.291	240	67	120	9.798	14.2	20	S

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_TC

Sample ID **074964-012ADUP** SampType: **DUP** TestCode: **6010_TC** Units: **mg/L** Prep Date: **4/13/2005** Run ID: **ICP5_050413C**
Client ID: **ZZZZZ** Batch ID: **22259** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/13/2005** SeqNo: **717394**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.483	1.0	0	0	0	0	0	5.291	3.57	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7470_ST

Sample ID	MB-22300A STLC	SampType:	MBLK	TestCode:	7470_ST	Units:	µg/L	Prep Date:	4/18/2005	Run ID:	AA1_050418B
Client ID:	ZZZZZ	Batch ID:	22303	TestNo:	WET/ EPA 74 (EPA 7470)			Analysis Date:	4/18/2005	SeqNo:	719060

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	1.0									

Sample ID	MB-22303A	SampType:	MBLK	TestCode:	7470_ST	Units:	µg/L	Prep Date:	4/18/2005	Run ID:	AA1_050418B
Client ID:	ZZZZZ	Batch ID:	22303	TestNo:	WET/ EPA 74 (EPA 7470)			Analysis Date:	4/18/2005	SeqNo:	719061

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.20									

Sample ID	LCS-22303	SampType:	LCS	TestCode:	7470_ST	Units:	µg/L	Prep Date:	4/18/2005	Run ID:	AA1_050418B
Client ID:	ZZZZZ	Batch ID:	22303	TestNo:	WET/ EPA 74 (EPA 7470)			Analysis Date:	4/18/2005	SeqNo:	719059

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	25.72	0.20	25	0	103	85	115	0	0		

Sample ID	074484-013AMS	SampType:	MS	TestCode:	7470_ST	Units:	µg/L	Prep Date:	4/18/2005	Run ID:	AA1_050418B
Client ID:	PG3-1.5	Batch ID:	22303	TestNo:	WET/ EPA 74 (EPA 7470)			Analysis Date:	4/18/2005	SeqNo:	719055

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	98.16	1.0	125	7.051	72.9	70	130	0	0		

Sample ID	074484-013AMSD	SampType:	MSD	TestCode:	7470_ST	Units:	µg/L	Prep Date:	4/18/2005	Run ID:	AA1_050418B
Client ID:	PG3-1.5	Batch ID:	22303	TestNo:	WET/ EPA 74 (EPA 7470)			Analysis Date:	4/18/2005	SeqNo:	719056

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	92.65	1.0	125	7.051	68.5	70	130	98.16	5.78	20	S

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7470_ST

Sample ID **074484-013ADUP** SampType: **DUP** TestCode: **7470_ST** Units: **µg/L** Prep Date: **4/18/2005** Run ID: **AA1_050418B**
Client ID: **PG3-1.5** Batch ID: **22303** TestNo: **WET/ EPA 74 (EPA 7470)** Analysis Date: **4/18/2005** SeqNo: **719054**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.91	0.20	0	0	0	0	0	7.051	115	30	R

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Thursday, April 14, 2005 4:00 PM
To: Galvan, Diane
Subject: Additional Analysis 74484

From: Matt Hanko
To: Diane Galvin
Sent: Monday, March 28, 2005 2:17 PM
Subject: Additional Analysis 74484

Diane:

RE: Additional Analysis for Lab Project No. 74484

Please analyze sample PG3-1.5 (74484-013) for soluble mercury by the WET.

Thank you,

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Friday, April 08, 2005 9:32 AM
To: Galvan, Diane
Subject: Additional Analysis

Diane:

RE: SFOBB West Approach Oakland Touch Down

Please run the following samples for the specified analysis:

Project No. 74484-024 Sample ID S4-0.5 TCLP for lead
Project No. 74546-035 Sample ID T20-1.0 WET for lead

Thank you,

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

April 27, 2005

RECEIVED
MAY 0 2 2005
By_____

ACCREDITED IN ACCORDANCE WITH nelac

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Matt Hanko
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

Workorder No.: 074484

RE: SFOBB-West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 17, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Project: SFOBB-West Approach Oakland Touchdown, E
Lab Order: 074484

CASE NARRATIVE

Samples 074484-022A, 074484-031A, 074484-038A and 074484-040A were redigested and reanalyzed for 6010 Metals and WET Lead, per client request. Both results are reported.

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *27-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	S4-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 11:17:00 AM
Lab ID:	074484-022A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050425C	QC Batch: 22415			PrepDate	4/25/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	4/25/2005
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	5.1	1.0		mg/Kg	1	4/25/2005
Barium	82	1.0		mg/Kg	1	4/25/2005
Barium	56	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	4/25/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	4/25/2005
Chromium	21	1.0		mg/Kg	1	2/23/2005
Chromium	21	1.0		mg/Kg	1	4/25/2005
Cobalt	11	1.0		mg/Kg	1	4/25/2005
Cobalt	8.7	1.0		mg/Kg	1	2/23/2005
Copper	53	1.0		mg/Kg	1	2/23/2005
Copper	22	1.0		mg/Kg	1	4/25/2005
Lead	270	1.0		mg/Kg	1	2/23/2005
Lead	16	1.0		mg/Kg	1	4/25/2005
Molybdenum	ND	1.0		mg/Kg	1	4/25/2005
Molybdenum	2.4	1.0		mg/Kg	1	2/23/2005
Nickel	17	1.0		mg/Kg	1	2/23/2005
Nickel	13	1.0		mg/Kg	1	4/25/2005
Selenium	1.4	1.0		mg/Kg	1	2/23/2005
Selenium	2.3	1.0		mg/Kg	1	4/25/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	4/25/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	4/25/2005
Vanadium	41	1.0		mg/Kg	1	2/23/2005
Vanadium	51	1.0		mg/Kg	1	4/25/2005
Zinc	160	1.0		mg/Kg	1	2/23/2005
Zinc	58	1.0		mg/Kg	1	4/26/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *27-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	S4-0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 11:17:00 AM
Lab ID:	074484-022A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION BY STLC						
				WET/ EPA 7420		
RunID: AA2_050426A	QC Batch: R49338			PrepDate		Analyst: **MJM**
Lead	2.5	0.25		mg/L	1	4/26/2005
Lead	28	1.2		mg/L	5	3/17/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *27-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	S3-0.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:04:00 PM
Lab ID:	074484-031A	**Matrix:**	SOIL

ICP METALS

(EPA 3050B) **EPA 6010B**

RunID: ICP6_050425C QC Batch: 22415 PrepDate 4/25/2005 Analyst: **RQ**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
Antimony	ND	1.0		mg/Kg	1	4/25/2005
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	4/25/2005
Barium	74	1.0		mg/Kg	1	4/25/2005
Barium	57	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	4/25/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	4/25/2005
Chromium	18	1.0		mg/Kg	1	2/23/2005
Chromium	17	1.0		mg/Kg	1	4/25/2005
Cobalt	12	1.0		mg/Kg	1	4/25/2005
Cobalt	10	1.0		mg/Kg	1	2/23/2005
Copper	62	1.0		mg/Kg	1	2/23/2005
Copper	59	1.0		mg/Kg	1	4/25/2005
Lead	210	1.0		mg/Kg	1	2/23/2005
Lead	250	1.0		mg/Kg	1	4/25/2005
Molybdenum	ND	1.0		mg/Kg	1	4/25/2005
Molybdenum	2.4	1.0		mg/Kg	1	2/23/2005
Nickel	20	1.0		mg/Kg	1	2/23/2005
Nickel	16	1.0		mg/Kg	1	4/25/2005
Selenium	ND	1.0		mg/Kg	1	2/23/2005
Selenium	2.3	1.0		mg/Kg	1	4/25/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	4/25/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	4/25/2005
Vanadium	44	1.0		mg/Kg	1	2/23/2005
Vanadium	51	1.0		mg/Kg	1	4/25/2005
Zinc	100	1.0		mg/Kg	1	2/23/2005
Zinc	110	1.0		mg/Kg	1	4/26/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *27-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	S3-0.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:04:00 PM
Lab ID:	074484-031A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION BY STLC						
				WET/ EPA 7420		
RunID: AA2_050426A	QC Batch: R49338			PrepDate		Analyst: **MJM**
Lead	54	2.5		mg/L	10	4/26/2005
Lead	29	1.2		mg/L	5	3/17/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *27-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	S1-0.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:24:00 PM
Lab ID:	074484-038A	**Matrix:**	SOIL

ICP METALS

(EPA 3050B) **EPA 6010B**

RunID: ICP6_050425C QC Batch: 22415 PrepDate 4/25/2005 Analyst: **RQ**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
Antimony	ND	1.0		mg/Kg	1	4/25/2005
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	1.9	1.0		mg/Kg	1	4/25/2005
Barium	200	1.0		mg/Kg	1	4/25/2005
Barium	36	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	4/25/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	4/25/2005
Chromium	3.0	1.0		mg/Kg	1	2/23/2005
Chromium	24	1.0		mg/Kg	1	4/25/2005
Cobalt	7.6	1.0		mg/Kg	1	4/25/2005
Cobalt	4.3	1.0		mg/Kg	1	2/23/2005
Copper	17	1.0		mg/Kg	1	2/23/2005
Copper	53	1.0		mg/Kg	1	4/25/2005
Lead	190	1.0		mg/Kg	1	2/23/2005
Lead	460	1.0		mg/Kg	1	4/25/2005
Molybdenum	ND	1.0		mg/Kg	1	4/25/2005
Molybdenum	1.6	1.0		mg/Kg	1	2/23/2005
Nickel	4.5	1.0		mg/Kg	1	2/23/2005
Nickel	22	1.0		mg/Kg	1	4/25/2005
Selenium	1.3	1.0		mg/Kg	1	2/23/2005
Selenium	2.4	1.0		mg/Kg	1	4/25/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	4/25/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	4/25/2005
Vanadium	11	1.0		mg/Kg	1	2/23/2005
Vanadium	42	1.0		mg/Kg	1	4/25/2005
Zinc	110	1.0		mg/Kg	1	2/23/2005
Zinc	140	1.0		mg/Kg	1	4/26/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *27-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	S1-0.5
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:24:00 PM
Lab ID:	074484-038A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION BY STLC						
				WET/ EPA 7420		
RunID: AA2_050426A	QC Batch: R49338			PrepDate		Analyst: **MJM**
Lead	22	1.2		mg/L	5	4/26/2005
Lead	38	2.5		mg/L	10	3/17/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *27-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	S2-1.0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:41:00 PM
Lab ID:	074484-040A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050425C	QC Batch: 22415			PrepDate	4/25/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	4/25/2005
Antimony	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	ND	1.0		mg/Kg	1	2/23/2005
Arsenic	9.4	1.0		mg/Kg	1	4/25/2005
Barium	66	1.0		mg/Kg	1	4/25/2005
Barium	76	1.0		mg/Kg	1	2/23/2005
Beryllium	ND	1.0		mg/Kg	1	4/25/2005
Beryllium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	ND	1.0		mg/Kg	1	2/23/2005
Cadmium	1.1	1.0		mg/Kg	1	4/25/2005
Chromium	28	1.0		mg/Kg	1	2/23/2005
Chromium	19	1.0		mg/Kg	1	4/25/2005
Cobalt	8.4	1.0		mg/Kg	1	4/25/2005
Cobalt	8.3	1.0		mg/Kg	1	2/23/2005
Copper	35	1.0		mg/Kg	1	2/23/2005
Copper	59	1.0		mg/Kg	1	4/25/2005
Lead	170	1.0		mg/Kg	1	2/23/2005
Lead	230	1.0		mg/Kg	1	4/25/2005
Molybdenum	ND	1.0		mg/Kg	1	4/25/2005
Molybdenum	3.2	1.0		mg/Kg	1	2/23/2005
Nickel	23	1.0		mg/Kg	1	2/23/2005
Nickel	18	1.0		mg/Kg	1	4/25/2005
Selenium	4.1	1.0		mg/Kg	1	2/23/2005
Selenium	2.1	1.0		mg/Kg	1	4/25/2005
Silver	ND	1.0		mg/Kg	1	2/23/2005
Silver	ND	1.0		mg/Kg	1	4/25/2005
Thallium	ND	1.0		mg/Kg	1	2/23/2005
Thallium	ND	1.0		mg/Kg	1	4/25/2005
Vanadium	33	1.0		mg/Kg	1	2/23/2005
Vanadium	32	1.0		mg/Kg	1	4/25/2005
Zinc	93	1.0		mg/Kg	1	2/23/2005
Zinc	160	1.0		mg/Kg	1	4/26/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *27-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	S2-1.0
Lab Order:	074484		
Project:	SFOBB-West Approach Oakland Touchdown, E	**Collection Date:**	2/16/2005 12:41:00 PM
Lab ID:	074484-040A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION BY STLC						
			WET/ EPA 7420			
RunID: AA2_050426A	QC Batch: R49338			PrepDate		Analyst: **MJM**
Lead	27	1.2		mg/L	5	4/26/2005
Lead	30	1.2		mg/L	5	3/17/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *27-Apr-05*

CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **MB-21402A** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **ZZZZZ** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684491**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID **MB-21402B** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **ZZZZZ** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684505**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID	MB-21402B	SampType:	MBLK	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	ICP5_050223B
Client ID:	ZZZZZ	Batch ID:	21402	TestNo:	EPA 6010B	(EPA 3050B)		Analysis Date:	2/23/2005	SeqNo:	684505

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID	MB-21403A	SampType:	MBLK	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	2/22/2005	Run ID:	ICP5_050223C
Client ID:	ZZZZZ	Batch ID:	21403	TestNo:	EPA 6010B	(EPA 3050B)		Analysis Date:	2/23/2005	SeqNo:	684741

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **MB-21403B** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **ZZZZZ** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684755**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID **MB-21404A** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050224A**
Client ID: **ZZZZZ** Batch ID: **21404** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **684870**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **MB-21404A** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050224A**
Client ID: **ZZZZZ** Batch ID: **21404** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **684870**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID **MB-22415** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP6_050425C**
Client ID: **ZZZZZ** Batch ID: **22415** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **4/25/2005** SeqNo: **722958**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **MB-22415** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP6_050425C**
Client ID: **ZZZZZ** Batch ID: **22415** TestNo: **EPA 6010B (EPA 3050B)** Analysis Date: **4/26/2005** SeqNo: **723332**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	ND	1.0									

Sample ID **LCS-21402** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **ZZZZZ** Batch ID: **21402** TestNo: **EPA 6010B (EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684492**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	44.68	2.0	50	0	89.4	80	120	0	0		
Arsenic	48.08	1.0	50	0	96.2	80	120	0	0		
Barium	47.91	1.0	50	0	95.8	80	120	0	0		
Beryllium	45.51	1.0	50	0	91	80	120	0	0		
Cadmium	45.04	1.0	50	0	90.1	80	120	0	0		
Chromium	46.91	1.0	50	0	93.8	80	120	0	0		
Cobalt	45.7	1.0	50	0	91.4	80	120	0	0		
Copper	50.75	2.0	50	0	102	80	120	0	0		
Lead	45.83	1.0	50	0	91.7	80	120	0	0		
Molybdenum	47.35	1.0	50	0	94.7	80	120	0	0		
Nickel	45.62	1.0	50	0	91.2	80	120	0	0		
Selenium	42.56	1.0	50	0	85.1	80	120	0	0		
Silver	46.4	1.0	50	0	92.8	80	120	0	0		
Thallium	45.31	1.0	50	0	90.6	80	120	0	0		
Vanadium	47.92	1.0	50	0	95.8	80	120	0	0		
Zinc	45.5	1.0	50	0	91	80	120	0	0		

Sample ID **LCS-21403** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **ZZZZZ** Batch ID: **21403** TestNo: **EPA 6010B (EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684742**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	43.3	2.0	50	0	86.6	80	120	0	0		
Arsenic	45.78	1.0	50	0	91.6	80	120	0	0		
Barium	46.29	1.0	50	0	92.6	80	120	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **LCS-21403** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **ZZZZZ** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684742**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium	43.86	1.0	50	0	87.7	80	120	0	0		
Cadmium	43.67	1.0	50	0	87.3	80	120	0	0		
Chromium	45.38	1.0	50	0	90.8	80	120	0	0		
Cobalt	44.01	1.0	50	0	88	80	120	0	0		
Copper	48.65	2.0	50	0	97.3	80	120	0	0		
Lead	44.59	1.0	50	0	89.2	80	120	0	0		
Molybdenum	46.6	1.0	50	0	93.2	80	120	0	0		
Nickel	44.47	1.0	50	0	88.9	80	120	0	0		
Selenium	43.18	1.0	50	0	86.4	80	120	0	0		
Silver	44.2	1.0	50	0	88.4	80	120	0	0		
Thallium	43.94	1.0	50	0	87.9	80	120	0	0		
Vanadium	46.02	1.0	50	0	92	80	120	0	0		
Zinc	44.08	1.0	50	0	88.2	80	120	0	0		

Sample ID **LCS-21404** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050224A**
Client ID: **ZZZZZ** Batch ID: **21404** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **684871**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	53.9	2.0	50	0	108	80	120	0	0		
Arsenic	53.36	1.0	50	0	107	80	120	0	0		
Barium	52.92	1.0	50	0	106	80	120	0	0		
Beryllium	53.18	1.0	50	0	106	80	120	0	0		
Cadmium	53.18	1.0	50	0	106	80	120	0	0		
Chromium	53.12	1.0	50	0	106	80	120	0	0		
Cobalt	52.98	1.0	50	0	106	80	120	0	0		
Copper	52.87	2.0	50	0	106	80	120	0	0		
Lead	52.99	1.0	50	0	106	80	120	0	0		
Molybdenum	53.97	1.0	50	0	108	80	120	0	0		
Nickel	53.36	1.0	50	0	107	80	120	0	0		
Selenium	55.65	1.0	50	0	111	80	120	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **LCS-21404** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050224A**
Client ID: **ZZZZZ** Batch ID: **21404** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **684871**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	53.06	1.0	50	0	106	80	120	0	0		
Thallium	53.21	1.0	50	0	106	80	120	0	0		
Vanadium	53.12	1.0	50	0	106	80	120	0	0		
Zinc	53.8	1.0	50	0	108	80	120	0	0		

Sample ID **LCS-22415** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP6_050425C**
Client ID: **ZZZZZ** Batch ID: **22415** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **4/25/2005** SeqNo: **722959**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	47.47	2.0	50	0	94.9	80	120	0	0		
Arsenic	50.59	1.0	50	0	101	80	120	0	0		
Barium	51.39	1.0	50	0	103	80	120	0	0		
Beryllium	49.01	1.0	50	0	98	80	120	0	0		
Cadmium	49.27	1.0	50	0	98.5	80	120	0	0		
Chromium	51.39	1.0	50	0	103	80	120	0	0		
Cobalt	48.58	1.0	50	0	97.2	80	120	0	0		
Copper	53.33	2.0	50	0	107	80	120	0	0		
Lead	49.83	1.0	50	0	99.7	80	120	0	0		
Molybdenum	51.1	1.0	50	0	102	80	120	0	0		
Nickel	49.56	1.0	50	0	99.1	80	120	0	0		
Selenium	46.64	1.0	50	0	93.3	80	120	0	0		
Silver	48.22	1.0	50	0	96.4	80	120	0	0		
Thallium	49.15	1.0	50	0	98.3	80	120	0	0		
Vanadium	50.27	1.0	50	0	101	80	120	0	0		
Zinc	53.89	1.0	50	0	108	80	120	0	0		

Sample ID **LCS-22415** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP6_050425C**
Client ID: **ZZZZZ** Batch ID: **22415** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **4/26/2005** SeqNo: **723334**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **LCS-22415** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP6_050425C**
Client ID: **ZZZZZ** Batch ID: **22415** TestNo: **EPA 6010B (EPA 3050B)** Analysis Date: **4/26/2005** SeqNo: **723334**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	54.74	1.0	50	0	109	80	120	0	0		

Sample ID **074484-010AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **PG2-4.5** Batch ID: **21402** TestNo: **EPA 6010B (EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684504**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	102.7	1.0	125	0	82.2	23	118	0	0		
Arsenic	104.1	1.0	125	0	83.3	64	111	0	0		
Barium	202.2	1.0	125	108.5	75	36	146	0	0		
Beryllium	100.5	1.0	125	0	80.4	50	120	0	0		
Cadmium	98.69	1.0	125	0	78.9	62	107	0	0		
Chromium	111.1	1.0	125	10.75	80.3	63	119	0	0		
Cobalt	104.6	1.0	125	5.257	79.5	63	111	0	0		
Copper	114.6	1.0	125	6.859	86.2	58	136	0	0		
Lead	103	1.0	125	6.435	77.2	47	125	0	0		
Molybdenum	103.6	1.0	125	1.658	81.5	63	116	0	0		
Nickel	109.6	1.0	125	12.84	77.4	57	116	0	0		
Selenium	97.11	1.0	125	3.812	74.6	47	118	0	0		
Silver	40	1.0	125	0	32	48	125	0	0		S
Thallium	90.23	1.0	125	0	72.2	49	116	0	0		
Vanadium	119.3	1.0	125	15.57	83	65	122	0	0		
Zinc	118.6	1.0	125	23.93	75.7	36	140	0	0		

Sample ID **074484-020AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **S4-1.5** Batch ID: **21402** TestNo: **EPA 6010B (EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684517**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	106.3	1.0	125	0	85	23	118	0	0		
Arsenic	118.5	1.0	125	0	94.8	64	111	0	0		
Barium	135.9	1.0	125	20.13	92.6	36	146	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
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DO- Surrogate dilute out
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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-020AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **S4-1.5** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684517**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium	112.9	1.0	125	0	90.3	50	120	0	0		
Cadmium	110.2	1.0	125	0	88.2	62	107	0	0		
Chromium	134	1.0	125	22.69	89.1	63	119	0	0		
Cobalt	117.3	1.0	125	4.605	90.2	63	111	0	0		
Copper	122	1.0	125	4.536	94	58	136	0	0		
Lead	114.2	1.0	125	1.84	89.9	47	125	0	0		
Molybdenum	116.2	1.0	125	1.313	91.9	63	116	0	0		
Nickel	130.4	1.0	125	18.14	89.8	57	116	0	0		
Selenium	109.2	1.0	125	2.486	85.4	47	118	0	0		
Silver	75.54	1.0	125	0	60.4	48	125	0	0		
Thallium	104.8	1.0	125	0	83.9	49	116	0	0		
Vanadium	129.7	1.0	125	15.54	91.4	65	122	0	0		
Zinc	122.1	1.0	125	11.05	88.8	36	140	0	0		

Sample ID **074484-030AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **S3-4.5** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684754**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100.4	1.0	125	0	80.3	23	118	0	0		
Arsenic	102.6	1.0	125	0	82.1	64	111	0	0		
Barium	155.2	1.0	125	65.54	71.7	36	146	0	0		
Beryllium	98.46	1.0	125	0	78.8	50	120	0	0		
Cadmium	96.32	1.0	125	0	77.1	62	107	0	0		
Chromium	110.8	1.0	125	14.97	76.7	63	119	0	0		
Cobalt	102.5	1.0	125	5.17	77.9	63	111	0	0		
Copper	111.1	1.0	125	6.121	84	58	136	0	0		
Lead	98.01	1.0	125	3.74	75.4	47	125	0	0		
Molybdenum	100.5	1.0	125	1.662	79	63	116	0	0		
Nickel	108.1	1.0	125	14.49	74.9	57	116	0	0		
Selenium	95.57	1.0	125	3.86	73.4	47	118	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-030AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **S3-4.5** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684754**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	92.68	1.0	125	0	74.1	48	125	0	0		
Thallium	89.05	1.0	125	0	71.2	49	116	0	0		
Vanadium	114.7	1.0	125	14.88	79.8	65	122	0	0		
Zinc	111.6	1.0	125	19.75	73.4	36	140	0	0		

Sample ID **074484-040AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **S2-1.0** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684767**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	77.51	1.0	125	0	62	23	118	0	0		
Arsenic	100.6	1.0	125	0	80.4	64	111	0	0		
Barium	151.2	1.0	125	76.34	59.9	36	146	0	0		
Beryllium	99.14	1.0	125	0	79.3	50	120	0	0		
Cadmium	94.32	1.0	125	0	75.5	62	107	0	0		
Chromium	120.4	1.0	125	27.8	74.1	63	119	0	0		
Cobalt	104.3	1.0	125	8.297	76.8	63	111	0	0		
Copper	143.8	1.0	125	34.57	87.4	58	136	0	0		
Lead	305.8	1.0	125	172	107	47	125	0	0		
Molybdenum	98.87	1.0	125	3.24	76.5	63	116	0	0		
Nickel	120	1.0	125	23.3	77.4	57	116	0	0		
Selenium	96.75	1.0	125	4.139	74.1	47	118	0	0		
Silver	75.5	1.0	125	0	60.4	48	125	0	0		
Thallium	84.76	1.0	125	0	67.8	49	116	0	0		
Vanadium	131.8	1.0	125	32.59	79.4	65	122	0	0		
Zinc	191.6	1.0	125	93.06	78.8	36	140	0	0		

Sample ID **074484-045AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050224A**
Client ID: **S2-0** Batch ID: **21404** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **684879**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-045AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050224A**
Client ID: **S2-0** Batch ID: **21404** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **684879**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	80.75	1.0	125	0	64.6	23	118	0	0		
Arsenic	103.2	1.0	125	0	82.5	64	111	0	0		
Barium	203.8	1.0	125	105.1	79	36	146	0	0		
Beryllium	98.98	1.0	125	0	79.2	50	120	0	0		
Cadmium	97.58	1.0	125	1.095	77.2	62	107	0	0		
Chromium	135.4	1.0	125	34.41	80.8	63	119	0	0		
Cobalt	106.7	1.0	125	8.03	78.9	63	111	0	0		
Copper	153.4	1.0	125	43.46	87.9	58	136	0	0		
Lead	883.3	1.0	125	607.2	221	47	125	0	0		S
Molybdenum	105	1.0	125	3.286	81.4	63	116	0	0		
Nickel	121.9	1.0	125	24.71	77.7	57	116	0	0		
Selenium	102.1	1.0	125	4.111	78.4	47	118	0	0		
Silver	70.3	1.0	125	0	56.2	48	125	0	0		
Thallium	90.56	1.0	125	0	72.4	49	116	0	0		
Vanadium	135.7	1.0	125	29.21	85.2	65	122	0	0		
Zinc	317.4	1.0	125	206.7	88.6	36	140	0	0		

Sample ID **075982-004AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP6_050425C**
Client ID: **ZZZZZ** Batch ID: **22415** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **4/25/2005** SeqNo: **723242**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	856	1.0	125	628.3	182	23	118	0	0		S
Arsenic	825.9	1.0	125	625.3	160	64	111	0	0		S
Barium	229.1	1.0	125	92.91	109	36	146	0	0		
Beryllium	111.7	1.0	125	0	89.4	50	120	0	0		
Cadmium	320.8	1.0	125	167.8	122	62	107	0	0		S
Chromium	112.8	1.0	125	1.455	89.1	63	119	0	0		
Cobalt	106.3	1.0	125	1.742	83.7	63	111	0	0		
Copper	965.7	1.0	125	701.2	212	58	136	0	0		S
Lead	12390	1.0	125	10900	1190	47	125	0	0		S

Qualifiers:
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Calculations are based on raw values
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CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **075982-004AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP6_050425C**
Client ID: **ZZZZZ** Batch ID: **22415** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **4/25/2005** SeqNo: **723242**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	117.7	1.0	125	1.523	92.9	63	116	0	0		
Nickel	111.7	1.0	125	7.669	83.2	57	116	0	0		
Selenium	115.1	1.0	125	4.267	88.7	47	118	0	0		
Silver	158.7	1.0	125	16.82	113	48	125	0	0		
Thallium	106.6	1.0	125	2.713	83.1	49	116	0	0		
Vanadium	114	1.0	125	0	91.2	65	122	0	0		

Sample ID **075982-004AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP6_050425C**
Client ID: **ZZZZZ** Batch ID: **22415** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **4/26/2005** SeqNo: **723338**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	54600	500	125	45660	7150	36	140	0	0		S

Sample ID **074484-020AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **S4-1.5** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684518**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100.7	1.0	125	0	80.6	23	118	106.3	5.34	20	
Arsenic	113.8	1.0	125	0	91	64	111	118.5	4.06	20	
Barium	131.9	1.0	125	20.13	89.5	36	146	135.9	2.93	20	
Beryllium	107.2	1.0	125	0	85.7	50	120	112.9	5.21	20	
Cadmium	106.1	1.0	125	0	84.8	62	107	110.2	3.86	20	
Chromium	129.8	1.0	125	22.69	85.7	63	119	134	3.22	20	
Cobalt	113.4	1.0	125	4.605	87	63	111	117.3	3.39	20	
Copper	118.7	1.0	125	4.536	91.4	58	136	122	2.69	20	
Lead	109.3	1.0	125	1.84	86	47	125	114.2	4.41	20	
Molybdenum	111.8	1.0	125	1.313	88.4	63	116	116.2	3.86	20	
Nickel	125.1	1.0	125	18.14	85.6	57	116	130.4	4.12	20	
Selenium	104.9	1.0	125	2.486	81.9	47	118	109.2	4.05	20	
Silver	73.27	1.0	125	0	58.6	48	125	75.54	3.06	20	

Qualifiers:
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Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-020AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **S4-1.5** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684518**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Thallium	100.4	1.0	125	0	80.3	49	116	104.8	4.30	20	
Vanadium	126.7	1.0	125	15.54	88.9	65	122	129.7	2.38	20	
Zinc	116.9	1.0	125	11.05	84.7	36	140	122.1	4.35	20	

Sample ID **074484-040AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **S2-1.0** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684768**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	76.09	1.0	125	0	60.9	23	118	77.51	1.85	20	
Arsenic	98.37	1.0	125	0	78.7	64	111	100.6	2.20	20	
Barium	148.7	1.0	125	76.34	57.9	36	146	151.2	1.67	20	
Beryllium	96.25	1.0	125	0	77	50	120	99.14	2.96	20	
Cadmium	92.41	1.0	125	0	73.9	62	107	94.32	2.04	20	
Chromium	118.4	1.0	125	27.8	72.5	63	119	120.4	1.65	20	
Cobalt	102.3	1.0	125	8.297	75.2	63	111	104.3	1.97	20	
Copper	142.3	1.0	125	34.57	86.2	58	136	143.8	1.07	20	
Lead	300.3	1.0	125	172	103	47	125	305.8	1.81	20	
Molybdenum	97.5	1.0	125	3.24	75.4	63	116	98.87	1.39	20	
Nickel	118.5	1.0	125	23.3	76.1	57	116	120	1.31	20	
Selenium	96.35	1.0	125	4.139	73.8	47	118	96.75	0.412	20	
Silver	73.79	1.0	125	0	59	48	125	75.5	2.28	20	
Thallium	83.53	1.0	125	0	66.8	49	116	84.76	1.46	20	
Vanadium	130.1	1.0	125	32.59	78	65	122	131.8	1.36	20	
Zinc	186.6	1.0	125	93.06	74.9	36	140	191.6	2.60	20	

Sample ID **074484-045AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050224A**
Client ID: **S2-0** Batch ID: **21404** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **684880**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	79.85	1.0	125	0	63.9	23	118	80.75	1.12	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-045AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050224A**
Client ID: **S2-0** Batch ID: **21404** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **684880**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	100.9	1.0	125	0	80.7	64	111	103.2	2.22	20	
Barium	170.9	1.0	125	105.1	52.7	36	146	203.8	17.6	20	
Beryllium	96.62	1.0	125	0	77.3	50	120	98.98	2.42	20	
Cadmium	95.7	1.0	125	1.095	75.7	62	107	97.58	1.94	20	
Chromium	123.2	1.0	125	34.41	71	63	119	135.4	9.44	20	
Cobalt	104.2	1.0	125	8.03	77	63	111	106.7	2.33	20	
Copper	151.4	1.0	125	43.46	86.4	58	136	153.4	1.29	20	
Lead	619.3	1.0	125	607.2	9.69	47	125	883.3	35.1	20	SR
Molybdenum	101.1	1.0	125	3.286	78.2	63	116	105	3.80	20	
Nickel	118.2	1.0	125	24.71	74.8	57	116	121.9	3.06	20	
Selenium	96.35	1.0	125	4.111	73.8	47	118	102.1	5.76	20	
Silver	13.14	1.0	125	0	10.5	48	125	70.3	137	20	SR
Thallium	88.88	1.0	125	0	71.1	49	116	90.56	1.88	20	
Vanadium	133.3	1.0	125	29.21	83.3	65	122	135.7	1.77	20	
Zinc	292.1	1.0	125	206.7	68.3	36	140	317.4	8.31	20	

Sample ID **075982-004AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP6_050425C**
Client ID: **ZZZZZ** Batch ID: **22415** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **4/25/2005** SeqNo: **723243**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	842.1	1.0	125	628.3	171	23	118	856	1.64	20	S
Arsenic	819.2	1.0	125	625.3	155	64	111	825.9	0.806	20	S
Barium	228.6	1.0	125	92.91	109	36	146	229.1	0.229	20	
Beryllium	110.9	1.0	125	0	88.7	50	120	111.7	0.746	20	
Cadmium	319.5	1.0	125	167.8	121	62	107	320.8	0.412	20	S
Chromium	112.2	1.0	125	1.455	88.6	63	119	112.8	0.573	20	
Cobalt	105.6	1.0	125	1.742	83.1	63	111	106.3	0.717	20	
Copper	957.4	1.0	125	701.2	205	58	136	965.7	0.857	20	S
Lead	12230	1.0	125	10900	1060	47	125	12390	1.29	20	S
Molybdenum	116.9	1.0	125	1.523	92.3	63	116	117.7	0.690	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **075982-004AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP6_050425C**
Client ID: **ZZZZZ** Batch ID: **22415** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **4/25/2005** SeqNo: **723243**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	110.8	1.0	125	7.669	82.5	57	116	111.7	0.743	20	
Selenium	115.2	1.0	125	4.267	88.8	47	118	115.1	0.103	20	
Silver	157.5	1.0	125	16.82	113	48	125	158.7	0.773	20	
Thallium	105.8	1.0	125	2.713	82.5	49	116	106.6	0.713	20	
Vanadium	113.6	1.0	125	0	90.8	65	122	114	0.427	20	

Sample ID **075982-004AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP6_050425C**
Client ID: **ZZZZZ** Batch ID: **22415** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **4/26/2005** SeqNo: **723339**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	54790	500	125	45660	7300	36	140	54600	0.351	20	S

Sample ID **074484-010ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **PG2-4.5** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684503**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	0	0	20	
Arsenic	ND	1.0	0	0	0	0	0	0	0	20	
Barium	112.9	1.0	0	0	0	0	0	108.5	3.96	20	
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	ND	1.0	0	0	0	0	0	0	0	20	
Chromium	11	1.0	0	0	0	0	0	10.75	2.26	20	
Cobalt	5.383	1.0	0	0	0	0	0	5.257	2.38	20	
Copper	7.154	1.0	0	0	0	0	0	6.859	4.21	20	
Lead	6.678	1.0	0	0	0	0	0	6.435	3.70	20	
Molybdenum	1.772	1.0	0	0	0	0	0	1.658	6.64	20	
Nickel	13.11	1.0	0	0	0	0	0	12.84	2.05	20	
Selenium	4.361	1.0	0	0	0	0	0	3.812	13.4	20	
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	

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Work Order: 074484
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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-010ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **PG2-4.5** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684503**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vanadium	15.98	1.0	0	0	0	0	0	15.57	2.64	20	
Zinc	24.49	1.0	0	0	0	0	0	23.93	2.29	20	

Sample ID **074484-020ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223B**
Client ID: **S4-1.5** Batch ID: **21402** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684516**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	0	0	20	
Arsenic	ND	1.0	0	0	0	0	0	0	0	20	
Barium	19.95	1.0	0	0	0	0	0	20.13	0.900	20	
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	ND	1.0	0	0	0	0	0	0	0	20	
Chromium	22.51	1.0	0	0	0	0	0	22.69	0.771	20	
Cobalt	4.574	1.0	0	0	0	0	0	4.605	0.694	20	
Copper	4.223	1.0	0	0	0	0	0	4.536	7.13	20	
Lead	1.586	1.0	0	0	0	0	0	1.84	14.8	20	
Molybdenum	1.185	1.0	0	0	0	0	0	1.313	10.2	20	
Nickel	18.04	1.0	0	0	0	0	0	18.14	0.554	20	
Selenium	1.531	1.0	0	0	0	0	0	2.486	47.6	20	R
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	
Vanadium	15.39	1.0	0	0	0	0	0	15.54	1.02	20	
Zinc	10.93	1.0	0	0	0	0	0	11.05	1.15	20	

Sample ID **074484-030ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **S3-4.5** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684753**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	0	0	20	
Arsenic	ND	1.0	0	0	0	0	0	0	0	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-030ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **S3-4.5** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684753**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	66.2	1.0	0	0	0	0	0	65.54	1.01	20	
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	ND	1.0	0	0	0	0	0	0	0	20	
Chromium	14.95	1.0	0	0	0	0	0	14.97	0.127	20	
Cobalt	5.166	1.0	0	0	0	0	0	5.17	0.0768	20	
Copper	6.214	1.0	0	0	0	0	0	6.121	1.51	20	
Lead	3.5	1.0	0	0	0	0	0	3.74	6.65	20	
Molybdenum	1.645	1.0	0	0	0	0	0	1.662	1.09	20	
Nickel	14.51	1.0	0	0	0	0	0	14.49	0.136	20	
Selenium	3.211	1.0	0	0	0	0	0	3.86	18.4	20	
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	
Vanadium	14.86	1.0	0	0	0	0	0	14.88	0.0910	20	
Zinc	19.61	1.0	0	0	0	0	0	19.75	0.748	20	

Sample ID **074484-040ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **S2-1.0** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684766**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	0	0	20	
Arsenic	ND	1.0	0	0	0	0	0	0	0	20	
Barium	76.34	1.0	0	0	0	0	0	76.34	0.00643	20	
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	ND	1.0	0	0	0	0	0	0	0	20	
Chromium	27.55	1.0	0	0	0	0	0	27.8	0.919	20	
Cobalt	8.273	1.0	0	0	0	0	0	8.297	0.285	20	
Copper	34.6	1.0	0	0	0	0	0	34.57	0.0929	20	
Lead	170.4	1.0	0	0	0	0	0	172	0.927	20	
Molybdenum	3.412	1.0	0	0	0	0	0	3.24	5.16	20	
Nickel	23.15	1.0	0	0	0	0	0	23.3	0.654	20	

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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-040ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050223C**
Client ID: **S2-1.0** Batch ID: **21403** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/23/2005** SeqNo: **684766**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	4.823	1.0	0	0	0	0	0	4.139	15.3	20	
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	
Vanadium	32.52	1.0	0	0	0	0	0	32.59	0.219	20	
Zinc	92.59	1.0	0	0	0	0	0	93.06	0.506	20	

Sample ID **074484-045ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/22/2005** Run ID: **ICP5_050224A**
Client ID: **S2-0** Batch ID: **21404** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **684878**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	0	0	20	
Arsenic	ND	1.0	0	0	0	0	0	0	0	20	
Barium	106	1.0	0	0	0	0	0	105.1	0.894	20	
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	1.099	1.0	0	0	0	0	0	1.095	0.390	20	
Chromium	34.88	1.0	0	0	0	0	0	34.41	1.38	20	
Cobalt	8.146	1.0	0	0	0	0	0	8.03	1.43	20	
Copper	44.14	1.0	0	0	0	0	0	43.46	1.56	20	
Lead	617.1	1.0	0	0	0	0	0	607.2	1.63	20	
Molybdenum	3.178	1.0	0	0	0	0	0	3.286	3.34	20	
Nickel	24.85	1.0	0	0	0	0	0	24.71	0.559	20	
Selenium	2.498	1.0	0	0	0	0	0	4.111	48.8	20	R
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	
Vanadium	29.68	1.0	0	0	0	0	0	29.21	1.63	20	
Zinc	209.9	1.0	0	0	0	0	0	206.7	1.55	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074484-022ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP6_050425C**
Client ID: **S4-0** Batch ID: **22415** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **4/25/2005** SeqNo: **723245**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	0	0	20	
Arsenic	4.478	1.0	0	0	0	0	0	5.135	13.7	20	
Barium	81.61	1.0	0	0	0	0	0	82.08	0.571	20	
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	ND	1.0	0	0	0	0	0	0.5588	0	20	
Chromium	20.93	1.0	0	0	0	0	0	21.12	0.877	20	
Cobalt	11.31	1.0	0	0	0	0	0	11.35	0.350	20	
Copper	21.96	1.0	0	0	0	0	0	22.32	1.62	20	
Lead	12.28	1.0	0	0	0	0	0	15.84	25.3	20	R
Molybdenum	ND	1.0	0	0	0	0	0	0	0	20	
Nickel	13.44	1.0	0	0	0	0	0	13.47	0.258	20	
Selenium	2.354	1.0	0	0	0	0	0	2.274	3.45	20	
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	
Vanadium	50.27	1.0	0	0	0	0	0	50.57	0.582	20	

Sample ID **074484-022ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP6_050425C**
Client ID: **S4-0** Batch ID: **22415** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **4/26/2005** SeqNo: **723611**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	57.15	1.0	0	0	0	0	0	57.99	1.45	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID	MB-21782	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050317B
Client ID:	ZZZZZ	Batch ID:	R47867	TestNo:	WET/ EPA 74			Analysis Date:	3/17/2005	SeqNo:	700644

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	MB-21782A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050317B
Client ID:	ZZZZZ	Batch ID:	R47867	TestNo:	WET/ EPA 74			Analysis Date:	3/17/2005	SeqNo:	700645

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	MB-21782B	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050317B
Client ID:	ZZZZZ	Batch ID:	R47867	TestNo:	WET/ EPA 74			Analysis Date:	3/17/2005	SeqNo:	700659

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	MB-21850	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050324D
Client ID:	ZZZZZ	Batch ID:	R48169	TestNo:	WET/ EPA 74			Analysis Date:	3/24/2005	SeqNo:	705978

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	MB-21850A	SampType:	MBLK	TestCode:	7420_ST	Units:	mg/L	Prep Date:		Run ID:	AA2_050324D
Client ID:	ZZZZZ	Batch ID:	R48169	TestNo:	WET/ EPA 74			Analysis Date:	3/24/2005	SeqNo:	705979

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID **MB-22407** SampType: **MBLK** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050426A**
Client ID: **ZZZZZ** Batch ID: **R49338** TestNo: **WET/ EPA 74** Analysis Date: **4/26/2005** SeqNo: **723565**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID **MB-22407A** SampType: **MBLK** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050426A**
Client ID: **ZZZZZ** Batch ID: **R49338** TestNo: **WET/ EPA 74** Analysis Date: **4/26/2005** SeqNo: **723566**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25	0	0	0	0	0	0	0		

Sample ID **LCS-21782** SampType: **LCS** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050317B**
Client ID: **ZZZZZ** Batch ID: **R47867** TestNo: **WET/ EPA 74** Analysis Date: **3/17/2005** SeqNo: **700646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.172	0.25	5	0	103	80	120	0	0		

Sample ID **LCS-21850** SampType: **LCS** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050324D**
Client ID: **ZZZZZ** Batch ID: **R48169** TestNo: **WET/ EPA 74** Analysis Date: **3/24/2005** SeqNo: **705980**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.167	0.25	5	0	103	80	120	0	0		

Sample ID **LCS-22407** SampType: **LCS** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050426A**
Client ID: **ZZZZZ** Batch ID: **R49338** TestNo: **WET/ EPA 74** Analysis Date: **4/26/2005** SeqNo: **723567**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.168	0.25	5	0	103	80	120	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-022AMS	MS	7420_ST	mg/L		AA2_050317B
Client ID	**Batch ID**	**TestNo**		**Analysis Date**	**SeqNo**
S4-0	R47867	WET/ EPA 74		3/17/2005	700658

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	33.81	2.5	5	27.51	126	70	130	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-054AMS	MS	7420_ST	mg/L		AA2_050317B
Client ID	**Batch ID**	**TestNo**		**Analysis Date**	**SeqNo**
T2-1.5	R47867	WET/ EPA 74		3/17/2005	700670

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.488	0.25	5	3.639	97	70	130	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-041AMS	MS	7420_ST	mg/L		AA2_050324D
Client ID	**Batch ID**	**TestNo**		**Analysis Date**	**SeqNo**
S2-0.5	R48169	WET/ EPA 74		3/24/2005	705983

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	51.77	5.0	5	42.73	181	70	130	0	0		S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
075546-030AMS	MS	7420_ST	mg/L		AA2_050426A
Client ID	**Batch ID**	**TestNo**		**Analysis Date**	**SeqNo**
ZZZZZ	R49338	WET/ EPA 74		4/26/2005	723576

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	25.57	1.2	5	18.75	136	70	130	0	0		S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-054AMSD	MSD	7420_ST	mg/L		AA2_050317B
Client ID	**Batch ID**	**TestNo**		**Analysis Date**	**SeqNo**
T2-1.5	R47867	WET/ EPA 74		3/17/2005	700671

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.506	0.25	5	3.639	97.4	70	130	8.488	0.220	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074484
Project: SFOBB-West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID **075546-030AMSD** SampType: **MSD** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050426A**
Client ID: **ZZZZZ** Batch ID: **R49338** TestNo: **WET/ EPA 74** Analysis Date: **4/26/2005** SeqNo: **723577**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	26.1	1.2	5	18.75	147	70	130	25.57	2.08	20	S

Sample ID **074484-022ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050317B**
Client ID: **S4-0** Batch ID: **R47867** TestNo: **WET/ EPA 74** Analysis Date: **3/17/2005** SeqNo: **700657**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	39.82	1.2	0	0	0	0	0	27.51	36.6	20	R

Sample ID **074484-054ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050317B**
Client ID: **T2-1.5** Batch ID: **R47867** TestNo: **WET/ EPA 74** Analysis Date: **3/17/2005** SeqNo: **700669**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.826	0.25	0	0	0	0	0	3.639	28.1	20	R

Sample ID **074484-041ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050324D**
Client ID: **S2-0.5** Batch ID: **R48169** TestNo: **WET/ EPA 74** Analysis Date: **3/24/2005** SeqNo: **705982**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	42.4	5.0	0	0	0	0	0	42.73	0.761	20	

Sample ID **075546-030ADUP** SampType: **DUP** TestCode: **7420_ST** Units: **mg/L** Prep Date: Run ID: **AA2_050426A**
Client ID: **ZZZZZ** Batch ID: **R49338** TestNo: **WET/ EPA 74** Analysis Date: **4/26/2005** SeqNo: **723575**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	19.77	0.50	0	0	0	0	0	18.75	5.28	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Monday, April 18, 2005 12:37 PM
To: Galvan, Diane
Subject: Additional Analysis

Diane:

RE: SFOBB Oakland Touch Down

Attached is an Excel spreadsheet with the requested additional analysis. We want the samples that are listed in the Re-run total and WET column to be run simultaneously from the same homogenized aliquot extracted from the sample.

Thank you,

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

ADDITIONAL LEAD ANALYSIS

Sample ID	Lab Project No.	Re-run Total and WET	WET	TCLP
S1-0.5	74484-038	X		
S2-1.0	74484-040	X		
S3-0.5	74484-031	X		
S4-0	74484-022	X		
S4-0.5	74484-024			X
T2-0.5	74215--005	X		
T4-0.5	74215-007	X		
T5-0.5	74215-016	X		
T9-0.5	74546-006	X		
T10-0	74546--010	X		
T-13-0	74546-014	X		
T-14-0	74546-019			X
T-15-1.0	74546-024	X		
T-16-0	74546-027			X
T-16-0.5	74546-028			X
T-19-0.5	74546-030	X		
T-19-1.5	74546-032			X
T-20-1.0	74546-035		X	
T-20-1.5	74546-036			X
T-21-0.5	74546-038			X

February 28, 2005

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By_____

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Matt Hanko
Geocon Environmental
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

Workorder No.: 074546

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 18, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Project: SFOBB West Approach Oakland Touchdown, E
Lab Order: 074546

CASE NARRATIVE

Analytical Comments for Method 8015 (Diesel/Motor Oil)

Samples 074546-005A, 074546-007A, 074546-014A, 074546-024A, 074546-029A, 074546-031A, 074546-037A and 074546-039A contain hydrocarbons within the diesel/motor oil range that do not match the diesel/motor oil pattern. Quantitation was based on a diesel/motor oil standard.

Sample 074546-016A contains hydrocarbons within the motor oil range that do not match the motor oil pattern. Quantitation was based on a motor oil standard.

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 2/28/2005

LEAD BY ICP
EPA 6010B

CLIENT:	Geocon Environmental	**Lab Order:**	074546
Project:	SFOBB West Approach Oakland Touchdown, E	**Date Received:**	2/18/2005 8:00:0
Project No:		**Matrix:**	Soil
PO No:		**Analyst:**	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
074546-001A	T8-0	45	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-002A	T8-0.5	15	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-003A	T8-1.0	ND	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-004A	T8-1.5	20	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-005A	T9-0.0	1900	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-006A	T9-0.5	60	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-007A	T9-1.0	12	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-008A	T9-1.5	31	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-010A	T10-0	240	mg/Kg	21436	5	1	2/17/2002	2/24/2005
074546-011A	T10-0.5	17	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-012A	T10-1.0	15	mg/Kg	21436	5	1	2/17/2005	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 2/28/2005

LEAD BY ICP
EPA 6010B

CLIENT:	Geocon Environmental	**Lab Order:**	074546
Project:	SFOBB West Approach Oakland Touchdown, E	**Date Received:**	2/18/2005 8:00:0
Project No:		**Matrix:**	Soil
PO No:		**Analyst:**	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
074546-013A	T10-1.5	ND	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-014A	T13-0	150	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-015A	T13-0.5	31	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-016A	T13-1.0	ND	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-017A	T13-1.5	ND	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-023A	T15-0.5	2200	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-024A	T15-1.0	100	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-025A	T15-1.5	25	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-029A	T19-0	650	mg/Kg	21436	5	1	2/17/2005	2/24/2005
074546-030A	T19-0.5	170	mg/Kg	21437	5	1	2/17/2005	2/24/2005
074546-031A	T19-1.0	43	mg/Kg	21437	5	1	2/17/2005	2/24/2005

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 2/28/2005

LEAD BY ICP
EPA 6010B

CLIENT:	Geocon Environmental	**Lab Order:**	074546
Project:	SFOBB West Approach Oakland Touchdown, E	**Date Received:**	2/18/2005 8:00:0
Project No:		**Matrix:**	Soil
PO No:		**Analyst:**	RQ

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
074546-032A	T19-1.5	300	mg/Kg	21437	5	1	2/17/2005	2/24/2005
074546-037A	T21-0	11	mg/Kg	21437	5	1	2/17/2005	2/24/2005
074546-038A	T21-0.5	220	mg/Kg	21437	5	1	2/17/2005	2/24/2005
074546-039A	T21-1.0	21	mg/Kg	21437	5	1	2/17/2005	2/24/2005
074546-040A	T21-1.5	ND	mg/Kg	21437	5	1	2/17/2005	2/24/2005
074546-046A	T16-1.0	ND	mg/Kg	21437	5	1	2/17/2005	2/24/2005
074546-047A	T16-1.5	6.1	mg/Kg	21437	5	1	2/17/2005	2/24/2005

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T9-0.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:09:00 AM
Lab ID:	074546-005A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
(EPA 3550B)				**EPA 8015B(M)**		
RunID: GC8_050226A	QC Batch: 21433			PrepDate	2/23/2005	Analyst: **CBR**
Diesel	34	2.0		mg/Kg	1	2/26/2005
Motor Oil	87	2.0		mg/Kg	1	2/26/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC9_050226A	QC Batch: 21424			PrepDate	2/23/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/26/2005
Aroclor 1221	ND	33		µg/Kg	1	2/26/2005
Aroclor 1232	ND	16		µg/Kg	1	2/26/2005
Aroclor 1242	ND	16		µg/Kg	1	2/26/2005
Aroclor 1248	ND	16		µg/Kg	1	2/26/2005
Aroclor 1254	ND	16		µg/Kg	1	2/26/2005
Aroclor 1260	39	16		µg/Kg	1	2/26/2005
Aroclor 1262	ND	16		µg/Kg	1	2/26/2005
Aroclor 1268	ND	16		µg/Kg	1	2/26/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T9-0.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:09:00 AM
Lab ID:	074546-005A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050224A QC Batch: 21424 PrepDate 2/23/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	ND	10		µg/Kg	5	2/25/2005
4,4´-DDE	ND	10		µg/Kg	5	2/25/2005
4,4´-DDT	19	10		µg/Kg	5	2/25/2005
Aldrin	ND	5.0		µg/Kg	5	2/25/2005
alpha-BHC	ND	5.0		µg/Kg	5	2/25/2005
alpha-Chlordane	ND	5.0		µg/Kg	5	2/25/2005
beta-BHC	ND	5.0		µg/Kg	5	2/25/2005
Chlordane	ND	42		µg/Kg	5	2/25/2005
delta-BHC	ND	5.0		µg/Kg	5	2/25/2005
Dieldrin	ND	10		µg/Kg	5	2/25/2005
Endosulfan I	ND	5.0		µg/Kg	5	2/25/2005
Endosulfan II	ND	10		µg/Kg	5	2/25/2005
Endosulfan sulfate	ND	10		µg/Kg	5	2/25/2005
Endrin	ND	10		µg/Kg	5	2/25/2005
Endrin aldehyde	ND	10		µg/Kg	5	2/25/2005
Endrin ketone	ND	10		µg/Kg	5	2/25/2005
gamma-BHC	ND	5.0		µg/Kg	5	2/25/2005
gamma-Chlordane	ND	5.0		µg/Kg	5	2/25/2005
Heptachlor	ND	5.0		µg/Kg	5	2/25/2005
Heptachlor epoxide	ND	5.0		µg/Kg	5	2/25/2005
Methoxychlor	ND	42		µg/Kg	5	2/25/2005
Toxaphene	ND	420		µg/Kg	5	2/25/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T9-0.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:08:00 AM
Lab ID:	074546-006A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050223A	QC Batch: D05VS031			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T9-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:07:00 AM
Lab ID:	074546-007A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050226A	QC Batch: 21433			PrepDate	2/23/2005	Analyst: **CBR**
Diesel	92	2.0		mg/Kg	1	2/26/2005
Motor Oil	200	2.0		mg/Kg	1	2/26/2005
PCB BY GC/ECD						
	(EPA 3550B)			**EPA 8082**		
RunID: GC9_050226A	QC Batch: 21424			PrepDate	2/23/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/26/2005
Aroclor 1221	ND	33		µg/Kg	1	2/26/2005
Aroclor 1232	ND	16		µg/Kg	1	2/26/2005
Aroclor 1242	ND	16		µg/Kg	1	2/26/2005
Aroclor 1248	ND	16		µg/Kg	1	2/26/2005
Aroclor 1254	ND	16		µg/Kg	1	2/26/2005
Aroclor 1260	ND	16		µg/Kg	1	2/26/2005
Aroclor 1262	ND	16		µg/Kg	1	2/26/2005
Aroclor 1268	ND	16		µg/Kg	1	2/26/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T9-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:07:00 AM
Lab ID:	074546-007A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050224A QC Batch: 21424 PrepDate 2/23/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	ND	10		µg/Kg	5	2/25/2005
4,4´-DDE	ND	10		µg/Kg	5	2/25/2005
4,4´-DDT	ND	10		µg/Kg	5	2/25/2005
Aldrin	ND	5.0		µg/Kg	5	2/25/2005
alpha-BHC	ND	5.0		µg/Kg	5	2/25/2005
alpha-Chlordane	ND	5.0		µg/Kg	5	2/25/2005
beta-BHC	ND	5.0		µg/Kg	5	2/25/2005
Chlordane	ND	42		µg/Kg	5	2/25/2005
delta-BHC	ND	5.0		µg/Kg	5	2/25/2005
Dieldrin	ND	10		µg/Kg	5	2/25/2005
Endosulfan I	ND	5.0		µg/Kg	5	2/25/2005
Endosulfan II	ND	10		µg/Kg	5	2/25/2005
Endosulfan sulfate	ND	10		µg/Kg	5	2/25/2005
Endrin	ND	10		µg/Kg	5	2/25/2005
Endrin aldehyde	ND	10		µg/Kg	5	2/25/2005
Endrin ketone	ND	10		µg/Kg	5	2/25/2005
gamma-BHC	ND	5.0		µg/Kg	5	2/25/2005
gamma-Chlordane	ND	5.0		µg/Kg	5	2/25/2005
Heptachlor	ND	5.0		µg/Kg	5	2/25/2005
Heptachlor epoxide	ND	5.0		µg/Kg	5	2/25/2005
Methoxychlor	ND	42		µg/Kg	5	2/25/2005
Toxaphene	ND	420		µg/Kg	5	2/25/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T9-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:07:00 AM
Lab ID:	074546-007A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050222B QC Batch: R05VS045 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/22/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/22/2005
Benzene	ND	5.0		µg/Kg	1	2/22/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/22/2005
Bromoform	ND	5.0		µg/Kg	1	2/22/2005
Bromomethane	ND	5.0		µg/Kg	1	2/22/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/22/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
Chloroethane	ND	5.0		µg/Kg	1	2/22/2005
Chloroform	ND	5.0		µg/Kg	1	2/22/2005
Chloromethane	ND	5.0		µg/Kg	1	2/22/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/22/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/22/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/22/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/22/2005
o-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/22/2005
Toluene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/22/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/22/2005

Qualifiers:

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R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T9-1.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:06:00 AM
Lab ID:	074546-008A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050223A	QC Batch: D05VS031			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/23/2005

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T9-2.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:11:00 AM
Lab ID:	074546-009A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050222B QC Batch: R05VS045 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/22/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/22/2005
Benzene	ND	5.0		µg/Kg	1	2/22/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/22/2005
Bromoform	ND	5.0		µg/Kg	1	2/22/2005
Bromomethane	ND	5.0		µg/Kg	1	2/22/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/22/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
Chloroethane	ND	5.0		µg/Kg	1	2/22/2005
Chloroform	ND	5.0		µg/Kg	1	2/22/2005
Chloromethane	ND	5.0		µg/Kg	1	2/22/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/22/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/22/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/22/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/22/2005
o-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/22/2005
Toluene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/22/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/22/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T13-0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:41:00 AM
Lab ID:	074546-014A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050226A	QC Batch: 21433			PrepDate	2/23/2005	Analyst: **CBR**
Diesel	410	40		mg/Kg	10	2/26/2005
Motor Oil	1300	40		mg/Kg	10	2/26/2005
PCB BY GC/ECD						
	(EPA 3550B)			**EPA 8082**		
RunID: GC9_050226A	QC Batch: 21424			PrepDate	2/23/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/26/2005
Aroclor 1221	ND	33		µg/Kg	1	2/26/2005
Aroclor 1232	ND	16		µg/Kg	1	2/26/2005
Aroclor 1242	ND	16		µg/Kg	1	2/26/2005
Aroclor 1248	ND	16		µg/Kg	1	2/26/2005
Aroclor 1254	ND	16		µg/Kg	1	2/26/2005
Aroclor 1260	ND	16		µg/Kg	1	2/26/2005
Aroclor 1262	ND	16		µg/Kg	1	2/26/2005
Aroclor 1268	ND	16		µg/Kg	1	2/26/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T13-0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:41:00 AM
Lab ID:	074546-014A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050224A QC Batch: 21424 PrepDate 2/23/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4'-DDD	ND	10		µg/Kg	5	2/25/2005
4,4'-DDE	ND	10		µg/Kg	5	2/25/2005
4,4'-DDT	ND	10		µg/Kg	5	2/25/2005
Aldrin	ND	5.0		µg/Kg	5	2/25/2005
alpha-BHC	ND	5.0		µg/Kg	5	2/25/2005
alpha-Chlordane	ND	5.0		µg/Kg	5	2/25/2005
beta-BHC	ND	5.0		µg/Kg	5	2/25/2005
Chlordane	ND	42		µg/Kg	5	2/25/2005
delta-BHC	ND	5.0		µg/Kg	5	2/25/2005
Dieldrin	ND	10		µg/Kg	5	2/25/2005
Endosulfan I	ND	5.0		µg/Kg	5	2/25/2005
Endosulfan II	ND	10		µg/Kg	5	2/25/2005
Endosulfan sulfate	ND	10		µg/Kg	5	2/25/2005
Endrin	ND	10		µg/Kg	5	2/25/2005
Endrin aldehyde	ND	10		µg/Kg	5	2/25/2005
Endrin ketone	ND	10		µg/Kg	5	2/25/2005
gamma-BHC	ND	5.0		µg/Kg	5	2/25/2005
gamma-Chlordane	ND	5.0		µg/Kg	5	2/25/2005
Heptachlor	ND	5.0		µg/Kg	5	2/25/2005
Heptachlor epoxide	ND	5.0		µg/Kg	5	2/25/2005
Methoxychlor	ND	42		µg/Kg	5	2/25/2005
Toxaphene	ND	420		µg/Kg	5	2/25/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T13-0.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:44:00 AM
Lab ID:	074546-015A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050223A	QC Batch: D05VS031			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T13-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:43:00 AM
Lab ID:	074546-016A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
(EPA 3550B)				**EPA 8015B(M)**		
RunID: GC7_BACK_050225B	QC Batch: 21453			PrepDate	2/24/2005	Analyst: **CBR**
Diesel	ND	1.0		mg/Kg	1	2/25/2005
Motor Oil	1.8	1.0		mg/Kg	1	2/25/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC9_050226A	QC Batch: 21424			PrepDate	2/23/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/26/2005
Aroclor 1221	ND	33		µg/Kg	1	2/26/2005
Aroclor 1232	ND	16		µg/Kg	1	2/26/2005
Aroclor 1242	ND	16		µg/Kg	1	2/26/2005
Aroclor 1248	ND	16		µg/Kg	1	2/26/2005
Aroclor 1254	ND	16		µg/Kg	1	2/26/2005
Aroclor 1260	ND	16		µg/Kg	1	2/26/2005
Aroclor 1262	ND	16		µg/Kg	1	2/26/2005
Aroclor 1268	ND	16		µg/Kg	1	2/26/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T13-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:43:00 AM
Lab ID:	074546-016A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050224A QC Batch: 21424 PrepDate 2/23/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	ND	2.0		µg/Kg	1	2/25/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/25/2005
4,4´-DDT	ND	2.0		µg/Kg	1	2/25/2005
Aldrin	ND	1.0		µg/Kg	1	2/25/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/25/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/25/2005
beta-BHC	ND	1.0		µg/Kg	1	2/25/2005
Chlordane	ND	8.5		µg/Kg	1	2/25/2005
delta-BHC	ND	1.0		µg/Kg	1	2/25/2005
Dieldrin	ND	2.0		µg/Kg	1	2/25/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/25/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/25/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/25/2005
Endrin	ND	2.0		µg/Kg	1	2/25/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/25/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/25/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/25/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/25/2005
Heptachlor	ND	1.0		µg/Kg	1	2/25/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/25/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/25/2005
Toxaphene	ND	85		µg/Kg	1	2/25/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T13-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:43:00 AM
Lab ID:	074546-016A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050222B QC Batch: R05VS045 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/22/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/22/2005
Benzene	ND	5.0		µg/Kg	1	2/22/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/22/2005
Bromoform	ND	5.0		µg/Kg	1	2/22/2005
Bromomethane	ND	5.0		µg/Kg	1	2/22/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/22/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
Chloroethane	ND	5.0		µg/Kg	1	2/22/2005
Chloroform	ND	5.0		µg/Kg	1	2/22/2005
Chloromethane	ND	5.0		µg/Kg	1	2/22/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/22/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/22/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/22/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/22/2005
o-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/22/2005
Toluene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/22/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/22/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T13-1.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:42:00 AM
Lab ID:	074546-017A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050223A	QC Batch: D05VS031			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T13-2.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:48:00 AM
Lab ID:	074546-018A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050222B QC Batch: R05VS045 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/22/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/22/2005
Benzene	ND	5.0		µg/Kg	1	2/22/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/22/2005
Bromoform	ND	5.0		µg/Kg	1	2/22/2005
Bromomethane	ND	5.0		µg/Kg	1	2/22/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/22/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
Chloroethane	ND	5.0		µg/Kg	1	2/22/2005
Chloroform	ND	5.0		µg/Kg	1	2/22/2005
Chloromethane	ND	5.0		µg/Kg	1	2/22/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/22/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/22/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/22/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/22/2005
o-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/22/2005
Toluene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/22/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/22/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T14-0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 10:09:00 AM
Lab ID:	074546-019A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050224C	QC Batch: 21448			PrepDate	2/24/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	ND	1.0		mg/Kg	1	2/24/2005
Barium	67	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	1.5	1.0		mg/Kg	1	2/24/2005
Chromium	39	1.0		mg/Kg	1	2/24/2005
Cobalt	7.1	1.0		mg/Kg	1	2/24/2005
Copper	45	1.0		mg/Kg	1	2/24/2005
Lead	460	1.0		mg/Kg	1	2/24/2005
Molybdenum	1.7	1.0		mg/Kg	1	2/24/2005
Nickel	40	1.0		mg/Kg	1	2/24/2005
Selenium	ND	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	27	1.0		mg/Kg	1	2/24/2005
Zinc	180	1.0		mg/Kg	1	2/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050224B	QC Batch: 21423			PrepDate	2/24/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T14-0.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 10:08:00 AM
Lab ID:	074546-020A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050224C	QC Batch: 21448			PrepDate	2/24/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	1.8	1.0		mg/Kg	1	2/24/2005
Barium	69	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	33	1.0		mg/Kg	1	2/24/2005
Cobalt	9.0	1.0		mg/Kg	1	2/24/2005
Copper	36	1.0		mg/Kg	1	2/24/2005
Lead	29	1.0		mg/Kg	1	2/24/2005
Molybdenum	ND	1.0		mg/Kg	1	2/24/2005
Nickel	33	1.0		mg/Kg	1	2/24/2005
Selenium	ND	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	27	1.0		mg/Kg	1	2/24/2005
Zinc	43	1.0		mg/Kg	1	2/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050224B	QC Batch: 21423			PrepDate	2/24/2005	Analyst: **JT**
Mercury	0.25	0.10		mg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T14-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 10:07:00 AM
Lab ID:	074546-021A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050224C	QC Batch: 21448			PrepDate	2/24/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	ND	1.0		mg/Kg	1	2/24/2005
Barium	39	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	26	1.0		mg/Kg	1	2/24/2005
Cobalt	5.9	1.0		mg/Kg	1	2/24/2005
Copper	8.3	1.0		mg/Kg	1	2/24/2005
Lead	5.5	1.0		mg/Kg	1	2/24/2005
Molybdenum	ND	1.0		mg/Kg	1	2/24/2005
Nickel	29	1.0		mg/Kg	1	2/24/2005
Selenium	1.1	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	16	1.0		mg/Kg	1	2/24/2005
Zinc	25	1.0		mg/Kg	1	2/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050224B	QC Batch: 21423			PrepDate	2/24/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T14-1.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 10:06:00 AM
Lab ID:	074546-022A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050224C	QC Batch: 21448			PrepDate	2/24/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	ND	1.0		mg/Kg	1	2/24/2005
Barium	57	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	20	1.0		mg/Kg	1	2/24/2005
Cobalt	6.2	1.0		mg/Kg	1	2/24/2005
Copper	16	1.0		mg/Kg	1	2/24/2005
Lead	9.1	1.0		mg/Kg	1	2/24/2005
Molybdenum	ND	1.0		mg/Kg	1	2/24/2005
Nickel	21	1.0		mg/Kg	1	2/24/2005
Selenium	ND	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	19	1.0		mg/Kg	1	2/24/2005
Zinc	31	1.0		mg/Kg	1	2/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050224B	QC Batch: 21423			PrepDate	2/24/2005	Analyst: **JT**
Mercury	0.24	0.10		mg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T15-0.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 10:30:00 AM
Lab ID:	074546-023A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050223A	QC Batch: D05VS031			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T15-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 10:31:00 AM
Lab ID:	074546-024A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050225B	QC Batch: 21453			PrepDate	2/24/2005	Analyst: **CBR**
Diesel	3.3	1.0		mg/Kg	1	2/25/2005
Motor Oil	7.0	1.0		mg/Kg	1	2/25/2005
PCB BY GC/ECD						
	(EPA 3550B)			**EPA 8082**		
RunID: GC9_050226A	QC Batch: 21424			PrepDate	2/23/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/26/2005
Aroclor 1221	ND	33		µg/Kg	1	2/26/2005
Aroclor 1232	ND	16		µg/Kg	1	2/26/2005
Aroclor 1242	ND	16		µg/Kg	1	2/26/2005
Aroclor 1248	ND	16		µg/Kg	1	2/26/2005
Aroclor 1254	ND	16		µg/Kg	1	2/26/2005
Aroclor 1260	ND	16		µg/Kg	1	2/26/2005
Aroclor 1262	ND	16		µg/Kg	1	2/26/2005
Aroclor 1268	ND	16		µg/Kg	1	2/26/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T15-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 10:31:00 AM
Lab ID:	074546-024A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050224A QC Batch: 21424 PrepDate 2/23/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	ND	2.0		µg/Kg	1	2/25/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/25/2005
4,4´-DDT	2.1	2.0		µg/Kg	1	2/25/2005
Aldrin	ND	1.0		µg/Kg	1	2/25/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/25/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/25/2005
beta-BHC	ND	1.0		µg/Kg	1	2/25/2005
Chlordane	ND	8.5		µg/Kg	1	2/25/2005
delta-BHC	ND	1.0		µg/Kg	1	2/25/2005
Dieldrin	ND	2.0		µg/Kg	1	2/25/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/25/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/25/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/25/2005
Endrin	ND	2.0		µg/Kg	1	2/25/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/25/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/25/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/25/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/25/2005
Heptachlor	ND	1.0		µg/Kg	1	2/25/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/25/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/25/2005
Toxaphene	ND	85		µg/Kg	1	2/25/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T15-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 10:31:00 AM
Lab ID:	074546-024A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050222B QC Batch: R05VS045 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/22/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/22/2005
Benzene	ND	5.0		µg/Kg	1	2/22/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/22/2005
Bromoform	ND	5.0		µg/Kg	1	2/22/2005
Bromomethane	ND	5.0		µg/Kg	1	2/22/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/22/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
Chloroethane	ND	5.0		µg/Kg	1	2/22/2005
Chloroform	ND	5.0		µg/Kg	1	2/22/2005
Chloromethane	ND	5.0		µg/Kg	1	2/22/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/22/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/22/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/22/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/22/2005
o-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/22/2005
Toluene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/22/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/22/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T15-1.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 10:32:00 AM
Lab ID:	074546-025A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050223A	QC Batch: D05VS031			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T15-2.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 10:34:00 AM
Lab ID:	074546-026A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050222B QC Batch: R05VS045 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/22/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/22/2005
Benzene	ND	5.0		µg/Kg	1	2/22/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/22/2005
Bromoform	ND	5.0		µg/Kg	1	2/22/2005
Bromomethane	ND	5.0		µg/Kg	1	2/22/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/22/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
Chloroethane	ND	5.0		µg/Kg	1	2/22/2005
Chloroform	ND	5.0		µg/Kg	1	2/22/2005
Chloromethane	ND	5.0		µg/Kg	1	2/22/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/22/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/22/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/22/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/22/2005
o-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/22/2005
Toluene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/22/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/22/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T16-0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 10:45:00 AM
Lab ID:	074546-027A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050224C	QC Batch: 21448			PrepDate	2/24/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	ND	1.0		mg/Kg	1	2/24/2005
Barium	100	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	34	1.0		mg/Kg	1	2/24/2005
Cobalt	10	1.0		mg/Kg	1	2/24/2005
Copper	63	1.0		mg/Kg	1	2/24/2005
Lead	310	1.0		mg/Kg	1	2/24/2005
Molybdenum	2.3	1.0		mg/Kg	1	2/24/2005
Nickel	25	1.0		mg/Kg	1	2/24/2005
Selenium	1.0	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	52	1.0		mg/Kg	1	2/24/2005
Zinc	170	1.0		mg/Kg	1	2/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050224B	QC Batch: 21423			PrepDate	2/24/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T16-0.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 10:47:00 AM
Lab ID:	074546-028A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050224C	QC Batch: 21448			PrepDate	2/24/2005	Analyst: **RQ**
Antimony	1.6	1.0		mg/Kg	1	2/24/2005
Arsenic	10	1.0		mg/Kg	1	2/24/2005
Barium	70	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	1.4	1.0		mg/Kg	1	2/24/2005
Chromium	210	1.0		mg/Kg	1	2/24/2005
Cobalt	14	1.0		mg/Kg	1	2/24/2005
Copper	68	1.0		mg/Kg	1	2/24/2005
Lead	880	1.0		mg/Kg	1	2/24/2005
Molybdenum	2.2	1.0		mg/Kg	1	2/24/2005
Nickel	190	1.0		mg/Kg	1	2/24/2005
Selenium	ND	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	24	1.0		mg/Kg	1	2/24/2005
Zinc	360	1.0		mg/Kg	1	2/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050224B	QC Batch: 21423			PrepDate	2/24/2005	Analyst: **JT**
Mercury	0.15	0.10		mg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T19-0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:07:00 AM
Lab ID:	074546-029A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050228A	QC Batch: 21453			PrepDate	2/24/2005	Analyst: **CBR**
Diesel	270	10		mg/Kg	5	2/28/2005
Motor Oil	310	10		mg/Kg	5	2/28/2005
PCB BY GC/ECD						
	(EPA 3550B)			**EPA 8082**		
RunID: GC9_050226A	QC Batch: 21424			PrepDate	2/23/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/26/2005
Aroclor 1221	ND	33		µg/Kg	1	2/26/2005
Aroclor 1232	ND	16		µg/Kg	1	2/26/2005
Aroclor 1242	ND	16		µg/Kg	1	2/26/2005
Aroclor 1248	ND	16		µg/Kg	1	2/26/2005
Aroclor 1254	ND	16		µg/Kg	1	2/26/2005
Aroclor 1260	90	16		µg/Kg	1	2/26/2005
Aroclor 1262	ND	16		µg/Kg	1	2/26/2005
Aroclor 1268	ND	16		µg/Kg	1	2/26/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T19-0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:07:00 AM
Lab ID:	074546-029A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050224A QC Batch: 21424 PrepDate 2/23/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	5.7	2.0		µg/Kg	1	2/25/2005
4,4´-DDE	3.7	2.0		µg/Kg	1	2/25/2005
4,4´-DDT	20	2.0		µg/Kg	1	2/25/2005
Aldrin	ND	1.0		µg/Kg	1	2/25/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/25/2005
alpha-Chlordane	4.1	1.0		µg/Kg	1	2/25/2005
beta-BHC	ND	1.0		µg/Kg	1	2/25/2005
Chlordane	58	8.5		µg/Kg	1	2/25/2005
delta-BHC	ND	1.0		µg/Kg	1	2/25/2005
Dieldrin	ND	2.0		µg/Kg	1	2/25/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/25/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/25/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/25/2005
Endrin	ND	2.0		µg/Kg	1	2/25/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/25/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/25/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/25/2005
gamma-Chlordane	5.6	1.0		µg/Kg	1	2/25/2005
Heptachlor	ND	1.0		µg/Kg	1	2/25/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/25/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/25/2005
Toxaphene	ND	85		µg/Kg	1	2/25/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T19-0.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:08:00 AM
Lab ID:	074546-030A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050223A	QC Batch: D05VS031			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T19-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:09:00 AM
Lab ID:	074546-031A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
(EPA 3550B)				**EPA 8015B(M)**		
RunID: GC7_BACK_050225B	QC Batch: 21453			PrepDate	2/24/2005	Analyst: **CBR**
Diesel	13	1.0		mg/Kg	1	2/25/2005
Motor Oil	42	1.0		mg/Kg	1	2/25/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC9_050226A	QC Batch: 21424			PrepDate	2/23/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/26/2005
Aroclor 1221	ND	33		µg/Kg	1	2/26/2005
Aroclor 1232	ND	16		µg/Kg	1	2/26/2005
Aroclor 1242	ND	16		µg/Kg	1	2/26/2005
Aroclor 1248	ND	16		µg/Kg	1	2/26/2005
Aroclor 1254	ND	16		µg/Kg	1	2/26/2005
Aroclor 1260	ND	16		µg/Kg	1	2/26/2005
Aroclor 1262	ND	16		µg/Kg	1	2/26/2005
Aroclor 1268	ND	16		µg/Kg	1	2/26/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T19-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:09:00 AM
Lab ID:	074546-031A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC9_050224A QC Batch: 21424 PrepDate 2/23/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	ND	2.0		µg/Kg	1	2/25/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/25/2005
4,4´-DDT	ND	2.0		µg/Kg	1	2/25/2005
Aldrin	ND	1.0		µg/Kg	1	2/25/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/25/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/25/2005
beta-BHC	ND	1.0		µg/Kg	1	2/25/2005
Chlordane	ND	8.5		µg/Kg	1	2/25/2005
delta-BHC	ND	1.0		µg/Kg	1	2/25/2005
Dieldrin	ND	2.0		µg/Kg	1	2/25/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/25/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/25/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/25/2005
Endrin	ND	2.0		µg/Kg	1	2/25/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/25/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/25/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/25/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/25/2005
Heptachlor	ND	1.0		µg/Kg	1	2/25/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/25/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/25/2005
Toxaphene	ND	85		µg/Kg	1	2/25/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T19-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:09:00 AM
Lab ID:	074546-031A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050222B QC Batch: R05VS045 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/22/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/22/2005
Benzene	ND	5.0		µg/Kg	1	2/22/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/22/2005
Bromoform	ND	5.0		µg/Kg	1	2/22/2005
Bromomethane	ND	5.0		µg/Kg	1	2/22/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/22/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
Chloroethane	ND	5.0		µg/Kg	1	2/22/2005
Chloroform	ND	5.0		µg/Kg	1	2/22/2005
Chloromethane	ND	5.0		µg/Kg	1	2/22/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/22/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/22/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/22/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/22/2005
o-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/22/2005
Toluene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/22/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/22/2005

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T19-1.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:05:00 AM
Lab ID:	074546-032A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050223A	QC Batch: D05VS031			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T20-0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:20:00 AM
Lab ID:	074546-033A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050224C	QC Batch: 21448			PrepDate	2/24/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	2.2	1.0		mg/Kg	1	2/24/2005
Barium	92	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	37	1.0		mg/Kg	1	2/24/2005
Cobalt	5.8	1.0		mg/Kg	1	2/24/2005
Copper	53	1.0		mg/Kg	1	2/24/2005
Lead	5400	1.0		mg/Kg	1	2/24/2005
Molybdenum	1.1	1.0		mg/Kg	1	2/24/2005
Nickel	23	1.0		mg/Kg	1	2/24/2005
Selenium	ND	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	17	1.0		mg/Kg	1	2/24/2005
Zinc	450	1.0		mg/Kg	1	2/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050224B	QC Batch: 21423			PrepDate	2/24/2005	Analyst: **JT**
Mercury	0.40	0.10		mg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T20-0.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:19:00 AM
Lab ID:	074546-034A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050224C	QC Batch: 21448			PrepDate	2/24/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	ND	1.0		mg/Kg	1	2/24/2005
Barium	61	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	11	1.0		mg/Kg	1	2/24/2005
Cobalt	5.5	1.0		mg/Kg	1	2/24/2005
Copper	6.8	1.0		mg/Kg	1	2/24/2005
Lead	14	1.0		mg/Kg	1	2/24/2005
Molybdenum	ND	1.0		mg/Kg	1	2/24/2005
Nickel	17	1.0		mg/Kg	1	2/24/2005
Selenium	ND	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	17	1.0		mg/Kg	1	2/24/2005
Zinc	21	1.0		mg/Kg	1	2/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050224B	QC Batch: 21423			PrepDate	2/24/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T20-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:18:00 AM
Lab ID:	074546-035A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050224C	QC Batch: 21448			PrepDate	2/24/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	2.5	1.0		mg/Kg	1	2/24/2005
Barium	68	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	21	1.0		mg/Kg	1	2/24/2005
Cobalt	7.8	1.0		mg/Kg	1	2/24/2005
Copper	28	1.0		mg/Kg	1	2/24/2005
Lead	64	1.0		mg/Kg	1	2/24/2005
Molybdenum	ND	1.0		mg/Kg	1	2/24/2005
Nickel	28	1.0		mg/Kg	1	2/24/2005
Selenium	1.1	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	15	1.0		mg/Kg	1	2/24/2005
Zinc	93	1.0		mg/Kg	1	2/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050224B	QC Batch: 21423			PrepDate	2/24/2005	Analyst: **JT**
Mercury	0.13	0.10		mg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T20-1.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:21:00 AM
Lab ID:	074546-036A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050224C	QC Batch: 21448			PrepDate	2/24/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	ND	1.0		mg/Kg	1	2/24/2005
Barium	58	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	18	1.0		mg/Kg	1	2/24/2005
Cobalt	6.1	1.0		mg/Kg	1	2/24/2005
Copper	19	1.0		mg/Kg	1	2/24/2005
Lead	400	1.0		mg/Kg	1	2/24/2005
Molybdenum	ND	1.0		mg/Kg	1	2/24/2005
Nickel	21	1.0		mg/Kg	1	2/24/2005
Selenium	ND	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	18	1.0		mg/Kg	1	2/24/2005
Zinc	95	1.0		mg/Kg	1	2/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050224B	QC Batch: 21423			PrepDate	2/24/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T21-0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:50:00 AM
Lab ID:	074546-037A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC7_BACK_050225B	QC Batch: 21453			PrepDate	2/24/2005	Analyst: **CBR**
Diesel	630	60		mg/Kg	10	2/25/2005
Motor Oil	2100	60		mg/Kg	10	2/25/2005
PCB BY GC/ECD						
	(EPA 3550B)			**EPA 8082**		
RunID: GC9_050226B	QC Batch: 21458			PrepDate	2/24/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/26/2005
Aroclor 1221	ND	33		µg/Kg	1	2/26/2005
Aroclor 1232	ND	16		µg/Kg	1	2/26/2005
Aroclor 1242	ND	16		µg/Kg	1	2/26/2005
Aroclor 1248	ND	16		µg/Kg	1	2/26/2005
Aroclor 1254	ND	16		µg/Kg	1	2/26/2005
Aroclor 1260	ND	16		µg/Kg	1	2/26/2005
Aroclor 1262	ND	16		µg/Kg	1	2/26/2005
Aroclor 1268	ND	16		µg/Kg	1	2/26/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T21-0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:50:00 AM
Lab ID:	074546-037A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC5_050224B QC Batch: 21458 PrepDate 2/24/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4'-DDD	ND	20		µg/Kg	10	2/25/2005
4,4'-DDE	ND	20		µg/Kg	10	2/25/2005
4,4'-DDT	ND	20		µg/Kg	10	2/25/2005
Aldrin	ND	10		µg/Kg	10	2/25/2005
alpha-BHC	ND	10		µg/Kg	10	2/25/2005
alpha-Chlordane	ND	10		µg/Kg	10	2/25/2005
beta-BHC	ND	10		µg/Kg	10	2/25/2005
Chlordane	ND	85		µg/Kg	10	2/25/2005
delta-BHC	ND	10		µg/Kg	10	2/25/2005
Dieldrin	ND	20		µg/Kg	10	2/25/2005
Endosulfan I	ND	10		µg/Kg	10	2/25/2005
Endosulfan II	ND	20		µg/Kg	10	2/25/2005
Endosulfan sulfate	ND	20		µg/Kg	10	2/25/2005
Endrin	ND	20		µg/Kg	10	2/25/2005
Endrin aldehyde	ND	20		µg/Kg	10	2/25/2005
Endrin ketone	ND	20		µg/Kg	10	2/25/2005
gamma-BHC	ND	10		µg/Kg	10	2/25/2005
gamma-Chlordane	ND	10		µg/Kg	10	2/25/2005
Heptachlor	ND	10		µg/Kg	10	2/25/2005
Heptachlor epoxide	ND	10		µg/Kg	10	2/25/2005
Methoxychlor	ND	85		µg/Kg	10	2/25/2005
Toxaphene	ND	850		µg/Kg	10	2/25/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T21-0.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:49:00 AM
Lab ID:	074546-038A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050223A	QC Batch: D05VS031			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T21-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:48:00 AM
Lab ID:	074546-039A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
(EPA 3550B)				**EPA 8015B(M)**		
RunID: GC7_BACK_050225B	QC Batch: 21453				PrepDate 2/24/2005	Analyst: **CBR**
Diesel	14	1.0		mg/Kg	1	2/25/2005
Motor Oil	47	1.0		mg/Kg	1	2/25/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC9_050226B	QC Batch: 21458				PrepDate 2/24/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	2/26/2005
Aroclor 1221	ND	33		µg/Kg	1	2/26/2005
Aroclor 1232	ND	16		µg/Kg	1	2/26/2005
Aroclor 1242	ND	16		µg/Kg	1	2/26/2005
Aroclor 1248	ND	16		µg/Kg	1	2/26/2005
Aroclor 1254	ND	16		µg/Kg	1	2/26/2005
Aroclor 1260	ND	16		µg/Kg	1	2/26/2005
Aroclor 1262	ND	16		µg/Kg	1	2/26/2005
Aroclor 1268	ND	16		µg/Kg	1	2/26/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T21-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:48:00 AM
Lab ID:	074546-039A	**Matrix:**	SOIL

ORGANOCHLORINE PESTICIDES BY GC/ECD
(EPA 3550B) **EPA 8081A**

RunID: GC5_050224B QC Batch: 21458 PrepDate 2/24/2005 Analyst: **EES**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
4,4´-DDD	ND	2.0		µg/Kg	1	2/25/2005
4,4´-DDE	ND	2.0		µg/Kg	1	2/25/2005
4,4´-DDT	2.7	2.0		µg/Kg	1	2/25/2005
Aldrin	ND	1.0		µg/Kg	1	2/25/2005
alpha-BHC	ND	1.0		µg/Kg	1	2/25/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	2/25/2005
beta-BHC	ND	1.0		µg/Kg	1	2/25/2005
Chlordane	ND	8.5		µg/Kg	1	2/25/2005
delta-BHC	ND	1.0		µg/Kg	1	2/25/2005
Dieldrin	ND	2.0		µg/Kg	1	2/25/2005
Endosulfan I	ND	1.0		µg/Kg	1	2/25/2005
Endosulfan II	ND	2.0		µg/Kg	1	2/25/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	2/25/2005
Endrin	ND	2.0		µg/Kg	1	2/25/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	2/25/2005
Endrin ketone	ND	2.0		µg/Kg	1	2/25/2005
gamma-BHC	ND	1.0		µg/Kg	1	2/25/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	2/25/2005
Heptachlor	ND	1.0		µg/Kg	1	2/25/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	2/25/2005
Methoxychlor	ND	8.5		µg/Kg	1	2/25/2005
Toxaphene	ND	85		µg/Kg	1	2/25/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T21-1.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:47:00 AM
Lab ID:	074546-040A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050223A	QC Batch: D05VS031			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	2/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T21-2.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:51:00 AM
Lab ID:	074546-041A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050222B QC Batch: R05VS045 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	2/22/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	2/22/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg	1	2/22/2005
Benzene	ND	5.0		µg/Kg	1	2/22/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	2/22/2005
Bromoform	ND	5.0		µg/Kg	1	2/22/2005
Bromomethane	ND	5.0		µg/Kg	1	2/22/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	2/22/2005
Chlorobenzene	ND	5.0		µg/Kg	1	2/22/2005
Chloroethane	ND	5.0		µg/Kg	1	2/22/2005
Chloroform	ND	5.0		µg/Kg	1	2/22/2005
Chloromethane	ND	5.0		µg/Kg	1	2/22/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	2/22/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Ethylbenzene	ND	5.0		µg/Kg	1	2/22/2005
m,p-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	2/22/2005
Methylene chloride	ND	5.0		µg/Kg	1	2/22/2005
o-Xylene	ND	5.0		µg/Kg	1	2/22/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	2/22/2005
Toluene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	2/22/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	2/22/2005
Trichloroethene	ND	5.0		µg/Kg	1	2/22/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	2/22/2005
Vinyl chloride	ND	5.0		µg/Kg	1	2/22/2005

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T22-0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 12:08:00 PM
Lab ID:	074546-042A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050224C	QC Batch: 21448			PrepDate	2/24/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	ND	1.0		mg/Kg	1	2/24/2005
Barium	51	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	15	1.0		mg/Kg	1	2/24/2005
Cobalt	6.1	1.0		mg/Kg	1	2/24/2005
Copper	7.9	1.0		mg/Kg	1	2/24/2005
Lead	6.8	1.0		mg/Kg	1	2/24/2005
Molybdenum	ND	1.0		mg/Kg	1	2/24/2005
Nickel	16	1.0		mg/Kg	1	2/24/2005
Selenium	ND	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	20	1.0		mg/Kg	1	2/24/2005
Zinc	25	1.0		mg/Kg	1	2/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050224B	QC Batch: 21423			PrepDate	2/24/2005	Analyst: **JT**
Mercury	0.10	0.10		mg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T22-0.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 12:07:00 PM
Lab ID:	074546-043A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050224C	QC Batch: 21448			PrepDate	2/24/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	ND	1.0		mg/Kg	1	2/24/2005
Barium	31	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	11	1.0		mg/Kg	1	2/24/2005
Cobalt	4.1	1.0		mg/Kg	1	2/24/2005
Copper	11	1.0		mg/Kg	1	2/24/2005
Lead	21	1.0		mg/Kg	1	2/24/2005
Molybdenum	ND	1.0		mg/Kg	1	2/24/2005
Nickel	11	1.0		mg/Kg	1	2/24/2005
Selenium	ND	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	17	1.0		mg/Kg	1	2/24/2005
Zinc	23	1.0		mg/Kg	1	2/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050224B	QC Batch: 21423			PrepDate	2/24/2005	Analyst: **JT**
Mercury	0.18	0.10		mg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T22-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 12:06:00 PM
Lab ID:	074546-044A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050224C	QC Batch: 21448			PrepDate	2/24/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	ND	1.0		mg/Kg	1	2/24/2005
Barium	110	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	8.8	1.0		mg/Kg	1	2/24/2005
Cobalt	7.0	1.0		mg/Kg	1	2/24/2005
Copper	6.6	1.0		mg/Kg	1	2/24/2005
Lead	8.2	1.0		mg/Kg	1	2/24/2005
Molybdenum	ND	1.0		mg/Kg	1	2/24/2005
Nickel	13	1.0		mg/Kg	1	2/24/2005
Selenium	ND	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	12	1.0		mg/Kg	1	2/24/2005
Zinc	24	1.0		mg/Kg	1	2/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050224B	QC Batch: 21423			PrepDate	2/24/2005	Analyst: **JT**
Mercury	0.40	0.10		mg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Feb-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T22-1.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 12:09:00 PM
Lab ID:	074546-045A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP6_050224C	QC Batch: 21448			PrepDate	2/24/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	2/24/2005
Arsenic	2.3	1.0		mg/Kg	1	2/24/2005
Barium	36	1.0		mg/Kg	1	2/24/2005
Beryllium	ND	1.0		mg/Kg	1	2/24/2005
Cadmium	ND	1.0		mg/Kg	1	2/24/2005
Chromium	27	1.0		mg/Kg	1	2/24/2005
Cobalt	6.9	1.0		mg/Kg	1	2/24/2005
Copper	8.7	1.0		mg/Kg	1	2/24/2005
Lead	13	1.0		mg/Kg	1	2/24/2005
Molybdenum	ND	1.0		mg/Kg	1	2/24/2005
Nickel	23	1.0		mg/Kg	1	2/24/2005
Selenium	ND	1.0		mg/Kg	1	2/24/2005
Silver	ND	1.0		mg/Kg	1	2/24/2005
Thallium	ND	1.0		mg/Kg	1	2/24/2005
Vanadium	20	1.0		mg/Kg	1	2/24/2005
Zinc	22	1.0		mg/Kg	1	2/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050224B	QC Batch: 21423			PrepDate	2/24/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	2/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID	MB-21448A	SampType:	MBLK	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	2/24/2005	Run ID:	ICP6_050224C
Client ID:	ZZZZZ	Batch ID:	21448	TestNo:	EPA 6010B	(EPA 3050B)		Analysis Date:	2/24/2005	SeqNo:	685457

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID	MB-21448B	SampType:	MBLK	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	2/24/2005	Run ID:	ICP6_050224C
Client ID:	ZZZZZ	Batch ID:	21448	TestNo:	EPA 6010B	(EPA 3050B)		Analysis Date:	2/24/2005	SeqNo:	685471

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **MB-21448B** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP6_050224C**
Client ID: **ZZZZZ** Batch ID: **21448** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **685471**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID **LCS-21448** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP6_050224C**
Client ID: **ZZZZZ** Batch ID: **21448** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **685458**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	55.12	2.0	50	0	110	80	120	0	0		
Arsenic	57.21	1.0	50	0	114	80	120	0	0		
Barium	56.67	1.0	50	0	113	80	120	0	0		
Beryllium	56.28	1.0	50	0	113	80	120	0	0		
Cadmium	56.04	1.0	50	0	112	80	120	0	0		
Chromium	57.91	1.0	50	0	116	80	120	0	0		
Cobalt	56.84	1.0	50	0	114	80	120	0	0		
Copper	58.31	2.0	50	0	117	80	120	0	0		
Lead	56.31	1.0	50	0	113	80	120	0	0		
Molybdenum	57.16	1.0	50	0	114	80	120	0	0		
Nickel	56.63	1.0	50	0	113	80	120	0	0		
Selenium	55.3	1.0	50	0	111	80	120	0	0		
Silver	55.23	1.0	50	0	110	80	120	0	0		
Thallium	56.65	1.0	50	0	113	80	120	0	0		
Vanadium	56.43	1.0	50	0	113	80	120	0	0		
Zinc	56.3	1.0	50	0	113	80	120	0	0		

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Calculations are based on raw values
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CLIENT: Geocon Environmental
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074546-034AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP6_050224C**
Client ID: **T20-0.5** Batch ID: **21448** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **685470**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	85.55	1.0	125	0	68.4	23	118	0	0		
Arsenic	101.2	1.0	125	0	81	64	111	0	0		
Barium	156.7	1.0	125	60.96	76.6	36	146	0	0		
Beryllium	98.06	1.0	125	0	78.4	50	120	0	0		
Cadmium	98.6	1.0	125	0	78.9	62	107	0	0		
Chromium	107.6	1.0	125	10.78	77.5	63	119	0	0		
Cobalt	103.4	1.0	125	5.51	78.3	63	111	0	0		
Copper	110.4	1.0	125	6.794	82.9	58	136	0	0		
Lead	123.1	1.0	125	13.76	87.5	47	125	0	0		
Molybdenum	97.94	1.0	125	0	78.3	63	116	0	0		
Nickel	111.1	1.0	125	16.59	75.6	57	116	0	0		
Selenium	95.5	1.0	125	0	76.4	47	118	0	0		
Silver	99.39	1.0	125	0	79.5	48	125	0	0		
Thallium	92.18	1.0	125	0	73.7	49	116	0	0		
Vanadium	112.6	1.0	125	17.21	76.3	65	122	0	0		
Zinc	116.2	1.0	125	21.45	75.8	36	140	0	0		

Sample ID **074546-045AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP6_050224C**
Client ID: **T22-1.5** Batch ID: **21448** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **685479**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100.9	1.0	125	0	80.7	23	118	0	0		
Arsenic	132.3	1.0	125	2.334	104	64	111	0	0		
Barium	163.7	1.0	125	36.31	102	36	146	0	0		
Beryllium	128.9	1.0	125	0	103	50	120	0	0		
Cadmium	129.4	1.0	125	0	104	62	107	0	0		
Chromium	161.6	1.0	125	26.99	108	63	119	0	0		
Cobalt	136.8	1.0	125	6.906	104	63	111	0	0		
Copper	149.8	1.0	125	8.732	113	58	136	0	0		
Lead	139	1.0	125	12.67	101	47	125	0	0		

Qualifiers:
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CLIENT: Geocon Environmental
Work Order: 074546
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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074546-045AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP6_050224C**
Client ID: **T22-1.5** Batch ID: **21448** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **685479**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	128.6	1.0	125	0.8701	102	63	116	0	0		
Nickel	152.2	1.0	125	23.25	103	57	116	0	0		
Selenium	122.3	1.0	125	0.9481	97.1	47	118	0	0		
Silver	133	1.0	125	0	106	48	125	0	0		
Thallium	122.5	1.0	125	0	98	49	116	0	0		
Vanadium	151	1.0	125	19.57	105	65	122	0	0		
Zinc	146.5	1.0	125	22.09	99.5	36	140	0	0		

Sample ID **074546-045AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP6_050224C**
Client ID: **T22-1.5** Batch ID: **21448** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **685480**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	99.33	1.0	125	0	79.5	23	118	100.9	1.59	20	
Arsenic	128	1.0	125	2.334	100	64	111	132.3	3.37	20	
Barium	151.5	1.0	125	36.31	92.1	36	146	163.7	7.77	20	
Beryllium	124.8	1.0	125	0	99.8	50	120	128.9	3.25	20	
Cadmium	125.8	1.0	125	0	101	62	107	129.4	2.85	20	
Chromium	153	1.0	125	26.99	101	63	119	161.6	5.47	20	
Cobalt	131.1	1.0	125	6.906	99.4	63	111	136.8	4.27	20	
Copper	145.1	1.0	125	8.732	109	58	136	149.8	3.17	20	
Lead	125.6	1.0	125	12.67	90.4	47	125	139	10.1	20	
Molybdenum	123.9	1.0	125	0.8701	98.4	63	116	128.6	3.72	20	
Nickel	145.5	1.0	125	23.25	97.8	57	116	152.2	4.50	20	
Selenium	118.9	1.0	125	0.9481	94.3	47	118	122.3	2.86	20	
Silver	130.2	1.0	125	0	104	48	125	133	2.08	20	
Thallium	118.1	1.0	125	0	94.5	49	116	122.5	3.68	20	
Vanadium	144.7	1.0	125	19.57	100	65	122	151	4.25	20	
Zinc	140.1	1.0	125	22.09	94.4	36	140	146.5	4.47	20	

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CLIENT: Geocon Environmental
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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074546-034ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP6_050224C**
Client ID: **T20-0.5** Batch ID: **21448** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **685469**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	0	0	20	
Arsenic	ND	1.0	0	0	0	0	0	0	0	20	
Barium	71.77	1.0	0	0	0	0	0	60.96	16.3	20	
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	ND	1.0	0	0	0	0	0	0	0	20	
Chromium	11.45	1.0	0	0	0	0	0	10.78	6.00	20	
Cobalt	6.282	1.0	0	0	0	0	0	5.51	13.1	20	
Copper	9.843	1.0	0	0	0	0	0	6.794	36.7	20	R
Lead	17.81	1.0	0	0	0	0	0	13.76	25.7	20	R
Molybdenum	ND	1.0	0	0	0	0	0	0	0	20	
Nickel	18.07	1.0	0	0	0	0	0	16.59	8.53	20	
Selenium	ND	1.0	0	0	0	0	0	0	0	20	
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	
Vanadium	19.19	1.0	0	0	0	0	0	17.21	10.9	20	
Zinc	23.61	1.0	0	0	0	0	0	21.45	9.56	20	

Sample ID **074546-045ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP6_050224C**
Client ID: **T22-1.5** Batch ID: **21448** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **685478**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	0	0	20	
Arsenic	1.87	1.0	0	0	0	0	0	2.334	22.1	20	R
Barium	29.17	1.0	0	0	0	0	0	36.31	21.8	20	R
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	ND	1.0	0	0	0	0	0	0	0	20	
Chromium	23.65	1.0	0	0	0	0	0	26.99	13.2	20	
Cobalt	6.92	1.0	0	0	0	0	0	6.906	0.205	20	
Copper	7.172	1.0	0	0	0	0	0	8.732	19.6	20	
Lead	5.068	1.0	0	0	0	0	0	12.67	85.7	20	R

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CLIENT: Geocon Environmental
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074546-045ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP6_050224C**
Client ID: **T22-1.5** Batch ID: **21448** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **2/24/2005** SeqNo: **685478**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	ND	1.0	0	0	0	0	0	0.8701	0	20	
Nickel	21.56	1.0	0	0	0	0	0	23.25	7.55	20	
Selenium	ND	1.0	0	0	0	0	0	0.9481	0	20	
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	
Vanadium	16.65	1.0	0	0	0	0	0	19.57	16.1	20	
Zinc	20.12	1.0	0	0	0	0	0	22.09	9.35	20	

Qualifiers:
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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID	MB-21436A	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/24/2005	Run ID:	ICP5_050224E
Client ID:	ZZZZZ	Batch ID:	21436	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/24/2005	SeqNo:	685481

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID	MB-21436B	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/24/2005	Run ID:	ICP5_050224E
Client ID:	ZZZZZ	Batch ID:	21436	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/24/2005	SeqNo:	685495

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID	MB-21437A	SampType:	MBLK	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/24/2005	Run ID:	ICP5_050224F
Client ID:	ZZZZZ	Batch ID:	21437	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/24/2005	SeqNo:	685509

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID	LCS-21436	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/24/2005	Run ID:	ICP5_050224E
Client ID:	ZZZZZ	Batch ID:	21436	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/24/2005	SeqNo:	685482

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	251.2	5.0	250	0	100	80	120	0	0		

Sample ID	LCS-21437	SampType:	LCS	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/24/2005	Run ID:	ICP5_050224F
Client ID:	ZZZZZ	Batch ID:	21437	TestNo:	EPA 6010B	(EPA 3050M)		Analysis Date:	2/24/2005	SeqNo:	685510

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	253.1	5.0	250	0	101	80	120	0	0		

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R - RPD outside accepted recovery limits
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DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID **074546-011AMS** SampType: **MS** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP5_050224E**
Client ID: **T10-0.5** Batch ID: **21436** TestNo: **EPA 6010B (EPA 3050M)** Analysis Date: **2/24/2005** SeqNo: **685494**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	275.9	5.0	250	16.64	104	47	125	0	0		

Sample ID **074546-029AMS** SampType: **MS** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP5_050224E**
Client ID: **T19-0** Batch ID: **21436** TestNo: **EPA 6010B (EPA 3050M)** Analysis Date: **2/24/2005** SeqNo: **685507**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1044	5.0	250	647.3	159	47	125	0	0		S

Sample ID **074546-040AMS** SampType: **MS** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP5_050224F**
Client ID: **T21-1.5** Batch ID: **21437** TestNo: **EPA 6010B (EPA 3050M)** Analysis Date: **2/24/2005** SeqNo: **685519**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	170.9	5.0	250	4.013	66.8	47	125	0	0		

Sample ID **074546-011ADUP** SampType: **DUP** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP5_050224E**
Client ID: **T10-0.5** Batch ID: **21436** TestNo: **EPA 6010B (EPA 3050M)** Analysis Date: **2/24/2005** SeqNo: **685493**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	24.24	5.0	0	0	0	0	0	16.64	37.2	20	R

Sample ID **074546-029ADUP** SampType: **DUP** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP5_050224E**
Client ID: **T19-0** Batch ID: **21436** TestNo: **EPA 6010B (EPA 3050M)** Analysis Date: **2/24/2005** SeqNo: **685506**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	675.8	5.0	0	0	0	0	0	647.3	4.32	20	

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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID	074546-040ADUP	SampType:	DUP	TestCode:	6010_SPB	Units:	mg/Kg	Prep Date:	2/24/2005	Run ID:	ICP5_050224F
Client ID:	T21-1.5	Batch ID:	21437	TestNo:	EPA 6010B		(EPA 3050M)	Analysis Date:	2/24/2005	SeqNo:	685518

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0	0	0	0	4.013	0	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21423A	MBLK	7471_S	mg/Kg	2/24/2005	AA1_050224B
Client ID: ZZZZZ	Batch ID: 21423	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/24/2005	SeqNo: 685394

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21423B	MBLK	7471_S	mg/Kg	2/24/2005	AA1_050224B
Client ID: ZZZZZ	Batch ID: 21423	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/24/2005	SeqNo: 685395

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21423	LCS	7471_S	mg/Kg	2/24/2005	AA1_050224B
Client ID: ZZZZZ	Batch ID: 21423	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/24/2005	SeqNo: 685393

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.941	0.10	2.08	0	93.3	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074546-036AMS	MS	7471_S	mg/Kg	2/24/2005	AA1_050224B
Client ID: T20-1.5	Batch ID: 21423	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/24/2005	SeqNo: 685382

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.914	0.10	0.83	0.08441	100	62	146	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074546-045AMS	MS	7471_S	mg/Kg	2/24/2005	AA1_050224B
Client ID: T22-1.5	Batch ID: 21423	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 2/24/2005	SeqNo: 685390

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.8778	0.10	0.83	0.0134	104	62	146	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID	074546-045AMSD	SampType:	MSD	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/24/2005	Run ID:	AA1_050224B
Client ID:	T22-1.5	Batch ID:	21423	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/24/2005	SeqNo:	685391

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.8671	0.10	0.83	0.0134	103	62	146	0.8778	1.23	30	

Sample ID	074546-036ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/24/2005	Run ID:	AA1_050224B
Client ID:	T20-1.5	Batch ID:	21423	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/24/2005	SeqNo:	685381

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10	0	0	0	0	0	0.08441	0	30	

Sample ID	074546-045ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	2/24/2005	Run ID:	AA1_050224B
Client ID:	T22-1.5	Batch ID:	21423	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	2/24/2005	SeqNo:	685389

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10	0	0	0	0	0	0.0134	0	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID **MB-21433** SampType: **MBLK** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/23/2005** Run ID: **GC8_050226A**
Client ID: **ZZZZZ** Batch ID: **21433** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/26/2005** SeqNo: **687011**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0									
Motor Oil	ND	1.0									

Sample ID **MB-21453** SampType: **MBLK** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **GC7_BACK_050225B**
Client ID: **ZZZZZ** Batch ID: **21453** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/25/2005** SeqNo: **687488**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0									
Motor Oil	ND	1.0									

Sample ID **MB-21453** SampType: **MBLK** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **GC8_050228A**
Client ID: **ZZZZZ** Batch ID: **21453** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/28/2005** SeqNo: **687717**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0									
Motor Oil	ND	1.0									

Sample ID **LCS-21433** SampType: **LCS** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/23/2005** Run ID: **GC8_050226A**
Client ID: **ZZZZZ** Batch ID: **21433** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/26/2005** SeqNo: **687012**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	20.28	1.0	33	0	61.5	44	123	0	0		

Sample ID **LCS-21453** SampType: **LCS** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **GC7_BACK_050225B**
Client ID: **ZZZZZ** Batch ID: **21453** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/25/2005** SeqNo: **687489**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	23.45	1.0	33	0	71.1	44	123	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21453	LCS	8015_S_DM	mg/Kg	2/24/2005	GC8_050228A
Client ID: ZZZZZ	Batch ID: 21453	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/28/2005	SeqNo: 687718

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	29.18	1.0	33	0	88.4	44	123	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-056AMS	MS	8015_S_DM	mg/Kg	2/23/2005	GC8_050226A
Client ID: ZZZZZ	Batch ID: 21433	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/27/2005	SeqNo: 687022

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	61.07	1.0	33	27.34	102	26	106	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074546-016AMS	MS	8015_S_DM	mg/Kg	2/24/2005	GC7_BACK_050225B
Client ID: T13-1.0	Batch ID: 21453	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/25/2005	SeqNo: 687490

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	25.29	1.0	33	0.8936	73.9	26	106	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074484-056AMSD	MSD	8015_S_DM	mg/Kg	2/23/2005	GC8_050226A
Client ID: ZZZZZ	Batch ID: 21433	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/27/2005	SeqNo: 687025

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	181.9	1.0	33	27.34	468	26	106	61.07	99.5	0	SE

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074546-016AMSD	MSD	8015_S_DM	mg/Kg	2/24/2005	GC7_BACK_050225B
Client ID: T13-1.0	Batch ID: 21453	TestNo: EPA 8015B(M (EPA 3550B)		Analysis Date: 2/25/2005	SeqNo: 687491

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	25.92	1.0	33	0.8936	75.9	26	106	25.29	2.49	0	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID **074546-016ADUP** SampType: **DUP** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **GC7_BACK_050225B**
Client ID: **T13-1.0** Batch ID: **21453** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **2/25/2005** SeqNo: **687492**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	1.034	1.0	0	0	0	0	0	0.8936	14.6	30	
Motor Oil	1.747	1.0	0	0	0	0	0	1.786	2.19	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_GAS

Sample ID **D022305MB1** SampType: **MBLK** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050223A**
Client ID: **ZZZZZ** Batch ID: **D05VS031** TestNo: **EPA 8015B(M** Analysis Date: **2/23/2005** SeqNo: **684318**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									

Sample ID **D022305LC1** SampType: **LCS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050223A**
Client ID: **ZZZZZ** Batch ID: **D05VS031** TestNo: **EPA 8015B(M** Analysis Date: **2/23/2005** SeqNo: **684383**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.615	1.0	5	0	92.3	75	120	0	0		

Sample ID **074632-001AMS** SampType: **MS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050223A**
Client ID: **ZZZZZ** Batch ID: **D05VS031** TestNo: **EPA 8015B(M** Analysis Date: **2/23/2005** SeqNo: **684381**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.457	1.0	5	0	69.1	33	139	0	0		

Sample ID **074632-001AMSD** SampType: **MSD** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050223A**
Client ID: **ZZZZZ** Batch ID: **D05VS031** TestNo: **EPA 8015B(M** Analysis Date: **2/23/2005** SeqNo: **684382**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.417	1.0	5	0	68.3	33	139	3.457	1.16	30	

Sample ID **074546-017ADUP** SampType: **DUP** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050223A**
Client ID: **T13-1.5** Batch ID: **D05VS031** TestNo: **EPA 8015B(M** Analysis Date: **2/23/2005** SeqNo: **685042**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **R050222MB3**	SampType: **MBLK**	TestCode: **8021_S_GCM**	Units: **µg/Kg**	Prep Date:	Run ID: **MS3_050222B**
Client ID: **ZZZZZ**	Batch ID: **R05VS045**	TestNo: **EPA 8260B**		Analysis Date: **2/22/2005**	SeqNo: **684165**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
Benzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
m,p-Xylene	ND	5.0									
Methyl tert-butyl ether	ND	5.0									
Methylene chloride	ND	5.0									
o-Xylene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **R050222MB3** SampType: **MBLK** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050222B**
Client ID: **ZZZZZ** Batch ID: **R05VS045** TestNo: **EPA 8260B** Analysis Date: **2/22/2005** SeqNo: **684165**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									

Sample ID **R050222LC2** SampType: **LCS** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050222B**
Client ID: **ZZZZZ** Batch ID: **R05VS045** TestNo: **EPA 8260B** Analysis Date: **2/22/2005** SeqNo: **684162**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	89.13	5.0	100	0	89.1	70	130	0	0		
Benzene	92.15	5.0	100	0	92.2	70	130	0	0		
Chlorobenzene	100	5.0	100	0	100	70	130	0	0		
Methyl tert-butyl ether	78.05	5.0	100	0	78	70	130	0	0		
Toluene	93.93	5.0	100	0	93.9	70	130	0	0		
Trichloroethene	103.4	5.0	100	0	103	70	130	0	0		

Sample ID **074546-016AMS** SampType: **MS** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050222B**
Client ID: **T13-1.0** Batch ID: **R05VS045** TestNo: **EPA 8260B** Analysis Date: **2/22/2005** SeqNo: **684163**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	36.98	5.0	100	0	37	70	130	0	0		S
Benzene	50.1	5.0	100	0	50.1	70	130	0	0		S
Chlorobenzene	54.76	5.0	100	0	54.8	70	130	0	0		S
Toluene	51.24	5.0	100	0	51.2	70	130	0	0		S
Trichloroethene	45.61	5.0	100	0	45.6	70	130	0	0		S

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **074546-016AMSD** SampType: **MSD** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050222B**
Client ID: **T13-1.0** Batch ID: **R05VS045** TestNo: **EPA 8260B** Analysis Date: **2/22/2005** SeqNo: **684164**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	85.45	5.0	100	0	85.4	70	130	36.98	79.2	26	R
Benzene	95.39	5.0	100	0	95.4	70	130	50.1	62.3	18	R
Chlorobenzene	98.98	5.0	100	0	99	70	130	54.76	57.5	22	R
Toluene	95.33	5.0	100	0	95.3	70	130	51.24	60.2	21	R
Trichloroethene	103.8	5.0	100	0	104	70	130	45.61	77.9	20	R

Sample ID **074546-016ADUP** SampType: **DUP** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050222B**
Client ID: **T13-1.0** Batch ID: **R05VS045** TestNo: **EPA 8260B** Analysis Date: **2/22/2005** SeqNo: **684167**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	
Bromoform	ND	5.0	0	0	0	0	0	0	0	30	
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30	
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30	
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30	
Chloroform	ND	5.0	0	0	0	0	0	0	0	30	
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30	
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **074546-016ADUP** SampType: **DUP** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050222B**
Client ID: **T13-1.0** Batch ID: **R05VS045** TestNo: **EPA 8260B** Analysis Date: **2/22/2005** SeqNo: **684167**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30	
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30	
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30	
Methyl tert-butyl ether	ND	5.0	0	0	0	0	0	0	0	30	
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30	
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30	
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30	
Toluene	ND	5.0	0	0	0	0	0	0	0	30	
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
trans-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30	
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30	

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CLIENT: Geocon Environmental
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **MB-21424** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC5_050224A**
Client ID: **ZZZZZ** Batch ID: **21424** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **685603**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0									
4,4´-DDE	ND	2.0									
4,4´-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID **MB-21458** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/24/2005** Run ID: **GC5_050224B**
Client ID: **ZZZZZ** Batch ID: **21458** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **686041**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0									
4,4´-DDE	ND	2.0									
4,4´-DDT	ND	2.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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Calculations are based on raw values
DO- Surrogate dilute out
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **MB-21458** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/24/2005** Run ID: **GC5_050224B**
Client ID: **ZZZZZ** Batch ID: **21458** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **686041**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID **MB-21424** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC9_050224A**
Client ID: **ZZZZZ** Batch ID: **21424** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **686211**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0									
4,4´-DDE	ND	2.0									
4,4´-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **MB-21424** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC9_050224A**
Client ID: **ZZZZZ** Batch ID: **21424** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **686211**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID **LCS-21424** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC5_050224A**
Client ID: **ZZZZZ** Batch ID: **21424** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **685604**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	15.86	2.0	16.65	0	95.3	66	136	0	0		
Aldrin	16.9	1.0	16.65	0	102	85	134	0	0		
Dieldrin	16.41	2.0	16.65	0	98.5	82	128	0	0		
Endrin	16.58	2.0	16.65	0	99.6	77	139	0	0		
gamma-BHC	17.92	1.0	16.65	0	108	82	139	0	0		
Heptachlor	17.35	1.0	16.65	0	104	68	152	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **LCS-21458** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/24/2005** Run ID: **GC5_050224B**
Client ID: **ZZZZZ** Batch ID: **21458** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **686042**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	15.71	2.0	16.65	0	94.4	66	136	0	0		
Aldrin	16.99	1.0	16.65	0	102	85	134	0	0		
Dieldrin	16.42	2.0	16.65	0	98.6	82	128	0	0		
Endrin	17.82	2.0	16.65	0	107	77	139	0	0		
gamma-BHC	18.06	1.0	16.65	0	108	82	139	0	0		
Heptachlor	17.49	1.0	16.65	0	105	68	152	0	0		

Sample ID **LCS-21424** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC9_050224A**
Client ID: **ZZZZZ** Batch ID: **21424** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **686212**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	17.4	2.0	16.65	0	104	66	136	0	0		
Aldrin	17.56	1.0	16.65	0	105	85	134	0	0		
Dieldrin	17.04	2.0	16.65	0	102	82	128	0	0		
Endrin	17.68	2.0	16.65	0	106	77	139	0	0		
gamma-BHC	17.94	1.0	16.65	0	108	82	139	0	0		
Heptachlor	18.14	1.0	16.65	0	109	68	152	0	0		

Sample ID **074692-013AMS** SampType: **MS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC5_050224A**
Client ID: **ZZZZZ** Batch ID: **21424** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **685605**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	16	2.0	16.65	0.8517	91	48	150	0	0		
Aldrin	16.5	1.0	16.65	0	99.1	78	136	0	0		
Dieldrin	16.34	2.0	16.65	0	98.2	72	136	0	0		
Endrin	17.3	2.0	16.65	0	104	74	150	0	0		
gamma-BHC	17.43	1.0	16.65	0	105	76	138	0	0		
Heptachlor	17.01	1.0	16.65	0	102	71	149	0	0		

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **074546-039AMS** SampType: **MS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/24/2005** Run ID: **GC5_050224B**
Client ID: **T21-1.0** Batch ID: **21458** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **686043**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	16.54	2.0	16.65	2.738	82.9	48	150	0	0		
Aldrin	15.46	1.0	16.65	0	92.9	78	136	0	0		
Dieldrin	15.41	2.0	16.65	0	92.6	72	136	0	0		
Endrin	18.42	2.0	16.65	0	111	74	150	0	0		
gamma-BHC	16.05	1.0	16.65	0	96.4	76	138	0	0		
Heptachlor	16.62	1.0	16.65	0	99.8	71	149	0	0		

Sample ID **074692-013AMSD** SampType: **MSD** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC5_050224A**
Client ID: **ZZZZZ** Batch ID: **21424** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **685606**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	15.67	2.0	16.65	0.8517	89	48	150	16	2.07	30	
Aldrin	16.48	1.0	16.65	0	99	78	136	16.5	0.0910	30	
Dieldrin	15.96	2.0	16.65	0	95.9	72	136	16.34	2.34	30	
Endrin	17.26	2.0	16.65	0	104	74	150	17.3	0.260	30	
gamma-BHC	17.37	1.0	16.65	0	104	76	138	17.43	0.354	30	
Heptachlor	16.98	1.0	16.65	0	102	71	149	17.01	0.186	30	

Sample ID **074546-039AMSD** SampType: **MSD** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/24/2005** Run ID: **GC5_050224B**
Client ID: **T21-1.0** Batch ID: **21458** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **686044**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	16.28	2.0	16.65	2.738	81.3	48	150	16.54	1.60	30	
Aldrin	15.11	1.0	16.65	0	90.7	78	136	15.46	2.32	30	
Dieldrin	15.61	2.0	16.65	0	93.8	72	136	15.41	1.29	30	
Endrin	17.23	2.0	16.65	0	104	74	150	18.42	6.67	30	
gamma-BHC	15.14	1.0	16.65	0	90.9	76	138	16.05	5.82	30	
Heptachlor	16.23	1.0	16.65	0	97.5	71	149	16.62	2.34	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074546
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **074546-039ADUP** SampType: **DUP** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/24/2005** Run ID: **GC5_050224B**
Client ID: **T21-1.0** Batch ID: **21458** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/25/2005** SeqNo: **686046**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0	0	0	0	0	0	0	0	30	
4,4´-DDE	ND	2.0	0	0	0	0	0	0	0	30	
4,4´-DDT	2.063	2.0	0	0	0	0	0	2.738	28.1	30	
Aldrin	ND	1.0	0	0	0	0	0	0	0	30	
alpha-BHC	ND	1.0	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	1.0	0	0	0	0	0	0	0	30	
beta-BHC	ND	1.0	0	0	0	0	0	0	0	30	
Chlordane	ND	8.5	0	0	0	0	0	0	0	30	
delta-BHC	ND	1.0	0	0	0	0	0	0	0	30	
Dieldrin	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan I	ND	1.0	0	0	0	0	0	0	0	30	
Endosulfan II	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	2.0	0	0	0	0	0	0	0	30	
Endrin	ND	2.0	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	2.0	0	0	0	0	0	0	0	30	
Endrin ketone	ND	2.0	0	0	0	0	0	0	0	30	
gamma-BHC	ND	1.0	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	1.0	0	0	0	0	0	0	0	30	
Heptachlor	ND	1.0	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	1.0	0	0	0	0	0	0	0	30	
Methoxychlor	ND	8.5	0	0	0	0	0	0	0	30	
Toxaphene	ND	85	0	0	0	0	0	0	0	30	

Sample ID **074546-024ADUP** SampType: **DUP** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC9_050224A**
Client ID: **T15-1.0** Batch ID: **21424** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **2/25/2005** SeqNo: **686223**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0	0	0	0	0	0	0.51	0	30	
4,4´-DDE	ND	2.0	0	0	0	0	0	0	0	30	
4,4´-DDT	2.6	2.0	0	0	0	0	0	2.102	21.2	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID	074546-024ADUP	SampType:	DUP	TestCode:	8081_S	Units:	µg/Kg	Prep Date:	2/23/2005	Run ID:	GC9_050224A
Client ID:	T15-1.0	Batch ID:	21424	TestNo:	EPA 8081A		(EPA 3550B)	Analysis Date:	2/25/2005	SeqNo:	686223

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	ND	1.0	0	0	0	0	0	0	0	30	
alpha-BHC	ND	1.0	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	1.0	0	0	0	0	0	0	0	30	
beta-BHC	ND	1.0	0	0	0	0	0	0	0	30	
Chlordane	ND	8.5	0	0	0	0	0	0	0	30	
delta-BHC	ND	1.0	0	0	0	0	0	0	0	30	
Dieldrin	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan I	ND	1.0	0	0	0	0	0	0	0	30	
Endosulfan II	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	2.0	0	0	0	0	0	0	0	30	
Endrin	ND	2.0	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	2.0	0	0	0	0	0	0	0	30	
Endrin ketone	ND	2.0	0	0	0	0	0	0	0	30	
gamma-BHC	ND	1.0	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	1.0	0	0	0	0	0	0	0	30	
Heptachlor	ND	1.0	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	1.0	0	0	0	0	0	0	0	30	
Methoxychlor	ND	8.5	0	0	0	0	0	0	0	30	
Toxaphene	ND	85	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **MB-21424** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC4_050224A**
Client ID: **ZZZZZ** Batch ID: **21424** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **685177**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **MB-21458** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/24/2005** Run ID: **GC4_050224B**
Client ID: **ZZZZZ** Batch ID: **21458** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **685973**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **MB-21424** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC9_050226A**
Client ID: **ZZZZZ** Batch ID: **21424** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/26/2005** SeqNo: **687102**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **MB-21424** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC9_050226A**
Client ID: **ZZZZZ** Batch ID: **21424** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/26/2005** SeqNo: **687102**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **MB-21458** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/24/2005** Run ID: **GC9_050226B**
Client ID: **ZZZZZ** Batch ID: **21458** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/26/2005** SeqNo: **687139**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **LCSA-21424** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC4_050224A**
Client ID: **ZZZZZ** Batch ID: **21424** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **685178**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	159.5	16	166.6	0	95.7	67	120	0	0		
Aroclor 1260	188	16	166.6	0	113	76	127	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **LCSA-21458** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/24/2005** Run ID: **GC4_050224B**
Client ID: **ZZZZZ** Batch ID: **21458** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **685974**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	157.1	16	166.6	0	94.3	67	120	0	0		
Aroclor 1260	189.9	16	166.6	0	114	76	127	0	0		

Sample ID **LCSA-21424** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC9_050226A**
Client ID: **ZZZZZ** Batch ID: **21424** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/26/2005** SeqNo: **687103**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	139.2	16	166.6	0	83.5	67	120	0	0		
Aroclor 1260	158.3	16	166.6	0	95	76	127	0	0		

Sample ID **LCSA-21458** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/24/2005** Run ID: **GC9_050226B**
Client ID: **ZZZZZ** Batch ID: **21458** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/26/2005** SeqNo: **687140**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	142.5	16	166.6	0	85.5	67	120	0	0		
Aroclor 1260	158.1	16	166.6	0	94.9	76	127	0	0		

Sample ID **MB-21424MSA** SampType: **MS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC4_050224A**
Client ID: **ZZZZZ** Batch ID: **21424** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **685179**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	162.8	16	166.6	0	97.7	71	123	0	0		
Aroclor 1260	192.1	16	166.6	0	115	72	122	0	0		

Sample ID **074718-014AMSA** SampType: **MS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/24/2005** Run ID: **GC4_050224B**
Client ID: **ZZZZZ** Batch ID: **21458** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **685975**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	178.2	16	166.6	0	107	71	123	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **074718-014AMSA** SampType: **MS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/24/2005** Run ID: **GC4_050224B**
Client ID: **ZZZZZ** Batch ID: **21458** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **685975**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	211.9	16	166.6	0	127	72	122	0	0		S

Sample ID **MB-21424MSDA** SampType: **MSD** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC4_050224A**
Client ID: **ZZZZZ** Batch ID: **21424** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **685180**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	153.8	16	166.6	0	92.3	71	123	162.8	5.66	30	
Aroclor 1260	186.4	16	166.6	0	112	72	122	192.1	3.00	30	

Sample ID **074718-014AMSDA** SampType: **MSD** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/24/2005** Run ID: **GC4_050224B**
Client ID: **ZZZZZ** Batch ID: **21458** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/24/2005** SeqNo: **685976**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	143.2	16	166.6	0	85.9	71	123	178.2	21.8	30	
Aroclor 1260	170.8	16	166.6	0	102	72	122	211.9	21.5	30	

Sample ID **074546-024ADUP** SampType: **DUP** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **2/23/2005** Run ID: **GC9_050226A**
Client ID: **T15-1.0** Batch ID: **21424** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **2/26/2005** SeqNo: **687109**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1260	ND	16	0	0	0	0	0	9.887	0	30	
Aroclor 1262	ND	16	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	16	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: mf Date: 2/18/05

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ (na)
3. CONTAINER INTACT Y☑ N☐
4. SEALED Y☐ N☑
5. # OF SPLS MATCH COC Y☑ N☐
6. PRESERVED Y☑ N☐

Client: Geocon
Attn: Matt Hanko
Address:
City: Livermore State: Zip Code:
TEL: ( )
FAX: ( )

Project Name: SFOBB West Approach Oakland Touchdown
Project #: E8220-06-04
Sampler: (Printed Name) Matt Hanko (Signature)

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
Matt Hanko	2-17-05	5:30	650	2-17-05	5:30
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name) mf	Date: 2/18/05	Time: 8:00
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Matt Hanko 2-17-05 (Print Name, Date)
Signature: Matt Hanko

Send Report To:
Attn:
Co: Client
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments:
(*) AHVOCs - analyze by 8260 and report 8021B listed chemicals only

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

Q A / Q C: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / ~~BTEX~~	8015B (DRO)	Lead + TPHmo	AHVOCs (*)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	074546.01	T8-0		850							X			X				E	1	T P	C	
	2	T8-0.5		851							X											
	3	T8-1.0		849							X											
	4	T8-1.5		853							X											
	5	T9-0.0		909	X	X				X	X											
	6	T9-0.5		908					X		X											
	7	T9-1.0		907	X	X				X	X	X										
	8	T9-1.5		906					X		X											
	9	T9-2.0		911								X										

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90807
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: MY Date: 2/18/05

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: 030

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☑ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☑ N☐

Client: Geocon
Attn: Matt Hanko
Address:
City: Livermore State: Zip Code:
TEL: ( )
FAX: ( )

Project Name: 5FOBB West Approach Oakland Touchdown
Project #:
Sampler: (Printed Name) Matt Hanko (Signature) [signature]

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
[signature]	2-17-05	5:30	GSO	2-17-05	5:30
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
			[signature]	2/18/05	8:12
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co:
Address
City State Zip

Bill To:
Attn:
Co: See Page 1
Address
City State Zip

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

Q A / Q C: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO)	8015B (DRO)	Ted TPH 40	Ali VOC	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	074546-010	T10-0	2/17/05	927							X			X				E	1	T P	C	
	011	T10-0.5		926							X											
	12	T10-1.0		925							X											
	13	T10-1.5		924							X											
	14	T13-0		941	X	X				X	X											
	15	T13-0.5		944					X		X											
	16	T13-1.0		943	X	X				X	X	X										
	17	T13-1.5		942					X		X											
	18	T13-2.0		949								X										

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: MH Date: 2/18/05

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☑ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☑ N☐

Client: Geocon
Attn: Matt Hunko
Address: Livermore
City State Zip Code
TEL: ( )
FAX: ( )

Project Name: SFOBB Westpenough Oakland Touch Down
Project #: E8220-06-01
Sampler: (Printed Name) Matt Hunko (Signature) Matt Hunko

Relinquished by: (Signature and Printed Name) Matt Hunko Date: 2-17-05 Time: 5:30
Received by: (Signature and Printed Name) GSO MH Date: 2-17-05 Time: 5:30
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) MH Date: 2/18/05 Time: 8:00
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co:
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments:
see page 1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

Q A / Q C: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) ~~BTEX~~	8015B (DRO)	+ TTLHC	lead	AHVOCs							SOIL	WATER	GROUND WATER	WASTEWATER			TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	0745446-19	T14-0	3/17/05	1009				X													X						E	1	TP	C	
	20	T14-0.5		1008				X																							
	21	T14-1.0		1007				X																							
	22	T14-1.5		1006				X																							
	23	T15-0.5		1030					X		X																		TM	C	
	24	T15-1.0		1031	X	X				X	X	X																	TM	C	
	25	T15-1.5		1032					X		X																		TP	C	
	26	T15-2.0		1034								X																			
	27	T16-0		1045				X																							
	28	T16-0.5		1047				X																							

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: [signature] Date: 2/18/05

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt
1. CHILLED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐
3. CONTAINER INTACT Y☑ N☐
4. SEALED Y☐ N☑
5. # OF SPLS MATCH COC Y☑ N☐
6. PRESERVED Y☑ N☐

Client: GeoCon
Attn: Matt Hanko
Address: Livermore
City State Zip Code
TEL: ( )
FAX: ( )

Project Name: SFOBB West Approach Oakland Touch Down
Project #: E8220-06-04
Sampler: (Printed Name) Matt Hanko (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 2-17-05 Time: 5:30
Received by: (Signature and Printed Name) GSO Date: 2-17-05 Time: 5:30
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) [signature] Date: 2/18/05 Time: 8:50
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co: See Page 1
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) ~~BTEX~~	8015B (DRO) 2 TPH mo	Lead	AHVOCs	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	074544-029	T19-0		1107	X	X					X	X		X				E	1	T P	C	
	30	T19-0.5		1108						X		X										
	31	T19-1.0		1109	X	X					X	X	X									
	32	T19-1.5		1105						X		X										
	33	T20-0		1120					X													
	34	T20-0.5		1119					X													
	35	T20-1.0		1118					X													
	36	T20-1.5		1121					X													
	37	T21-0		1150	X	X					X	X										
	38	T21-0.5		1149						X		X										

- TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90807
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: Geocon
Attn: Matt Hanko
Address: Livermore
City State Zip Code
TEL: ( )
FAX: ( )

Project Name: SFOBB West Approach Oakland Touch Down
Project #: E8220-06-04
Sampler: (Printed Name) Matt Hanko (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 2-17-05 Time: 5:30
Received by: (Signature and Printed Name) 650 Date: 2-17-05 Time: 5:30
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co: See
Address
City State Zip

Bill To:
Attn:
Co: Page
Address
City State Zip

Special Instructions/Comments: 1

Sample/Records - Archival & Disposal
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Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	8010B (Total Metal)	8015B (GRO)	8015B (DRO)	TPH mo lead	AHVOCs	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
		T21-1.0	2/17/05	1148	X	X					X	X		X				E	1	T	P	C
		T21-1.5	↓	1147						X		X		↓				↓	↓	↓		
		T21-2.0		1151									X									
		T22-0		1208					X													
		T22-0.5		1207					X													
		T22-1.0		1206					X													
		T22-1.5		1209					X													
		T16-1.0							X													
		T16-1.5	↓						X													

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

02/23/2005 09:23 9253715915 GEOCON - EAST BAY PAGE 02

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90807
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:
Logged By: [signature] Date: 2/

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt
1. CHILLED Y☐ N☑ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☑ N☐

Client: Geocon
Attn: Matt Hanko
Address: Livermore
City State Zip Code
TEL: ( )
FAX: ( )

Project Name: SFOBB West Approach Oakland Touch Down Project #: E8220-06-04 Sampler: (Printed Name) Matt Hanko (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 2-17-05 Time: 5:30 Received by: (Signature and Printed Name) GSO [signature] Date: 2-17-05 Time: 5:30
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 2/18/05 Time: 8:55
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co: See
Address
City State Zip

Bill To:
Attn:
Co: Page
Address
City State Zip

Special Instructions/Comments: 1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
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- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ___ OTHER ___

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO)	8015B (DRO)	2 TPH mo	lead	AHVOCs	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	074546-039	T21-1.0		1148	X	X					X	X			X				E	1	T	P	C
	40	T21-1.5		1147						X		X											
	41	T21-2.0		1151									X										
	42	T22-0		1208					X														
	43	T22-0.5		1207					X														
	44	T22-1.0		1206					X														
	45	T22-1.5		1209					X														

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

April 06, 2005

Matt Hanko
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5590
FAX: (925) 371-5915

RECEIVED
MAY 02 2005
By

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 074546

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 18, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *06-Apr-05*

CLIENT: Geocon Consultants, Inc. **Lab Order:** 074546
Project: SFOBB West Approach Oakland Touchdown, E

Lab ID: 074546-005 **Collection Date:** 2/17/2005 9:09:00 AM
Client Sample ID: T9-0.0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP (EPA 3010A) EPA 1311/ 6010B						
RunID: ICP6_050401A QC Batch: 22096 PrepDate 3/31/2005 Analyst: RQ						
Lead	5.2	1.0		mg/L	20	4/1/2005

Lab ID: 074546-006 **Collection Date:** 2/17/2005 9:08:00 AM
Client Sample ID: T9-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC WET/ EPA 6010B						
RunID: ICP6_050401E QC Batch: R48581 PrepDate Analyst: RQ						
Lead	61	1.0		mg/L	20	4/1/2005

Lab ID: 074546-010 **Collection Date:** 2/17/2002 9:27:00 AM
Client Sample ID: T10-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC WET/ EPA 6010B						
RunID: ICP6_050401E QC Batch: R48581 PrepDate Analyst: RQ						
Lead	42	1.0	H	mg/L	20	4/1/2005

Lab ID: 074546-014 **Collection Date:** 2/17/2005 9:41:00 AM
Client Sample ID: T13-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC WET/ EPA 6010B						
RunID: ICP6_050401E QC Batch: R48581 PrepDate Analyst: RQ						
Lead	22	1.0		mg/L	20	4/1/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Sample exceding holding time

Results are wet unless othewise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *06-Apr-05*

CLIENT: Geocon Consultants, Inc. **Lab Order:** 074546
Project: SFOBB West Approach Oakland Touchdown, E

Lab ID: 074546-019 **Collection Date:** 2/17/2005 10:09:00 AM
Client Sample ID: T14-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
			WET/ EPA 6010B			
RunID: ICP6_050401E	QC Batch: R48581			PrepDate		Analyst: **RQ**
Lead	5.2	1.0		mg/L	20	4/1/2005

Lab ID: 074546-023 **Collection Date:** 2/17/2005 10:30:00 AM
Client Sample ID: T15-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP						
	(EPA 3010A)		**EPA 1311/ 6010B**			
RunID: ICP6_050401A	QC Batch: 22096			PrepDate	3/31/2005	Analyst: **RQ**
Lead	6.5	1.0		mg/L	20	4/1/2005

Lab ID: 074546-024 **Collection Date:** 2/17/2005 10:31:00 AM
Client Sample ID: T15-1.0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
			WET/ EPA 6010B			
RunID: ICP6_050401E	QC Batch: R48581			PrepDate		Analyst: **RQ**
Lead	19	1.0		mg/L	20	4/1/2005

Lab ID: 074546-027 **Collection Date:** 2/17/2005 10:45:00 AM
Client Sample ID: T16-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
			WET/ EPA 6010B			
RunID: ICP6_050401E	QC Batch: R48581			PrepDate		Analyst: **RQ**
Lead	11	1.0		mg/L	20	4/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Sample exceding holding time

Results are wet unless othewise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *06-Apr-05*

CLIENT: Geocon Consultants, Inc. **Lab Order:** 074546
Project: SFOBB West Approach Oakland Touchdown, E

Lab ID: 074546-028 **Collection Date:** 2/17/2005 10:47:00 AM
Client Sample ID: T16-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC				**WET/ EPA 6010B**		
RunID: ICP6_050401E	QC Batch: R48581			PrepDate		Analyst: RQ
Lead	22	1.0		mg/L	20	4/1/2005

Lab ID: 074546-029 **Collection Date:** 2/17/2005 11:07:00 AM
Client Sample ID: T19-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC				**WET/ EPA 6010B**		
RunID: ICP6_050401E	QC Batch: R48581			PrepDate		Analyst: RQ
Lead	4.3	1.0		mg/L	20	4/1/2005

Lab ID: 074546-030 **Collection Date:** 2/17/2005 11:08:00 AM
Client Sample ID: T19-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC				**WET/ EPA 6010B**		
RunID: ICP6_050401E	QC Batch: R48581			PrepDate		Analyst: RQ
Lead	20	1.0		mg/L	20	4/1/2005

Lab ID: 074546-032 **Collection Date:** 2/17/2005 11:05:00 AM
Client Sample ID: T19-1.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC				**WET/ EPA 6010B**		
RunID: ICP6_050401E	QC Batch: R48581			PrepDate		Analyst: RQ
Lead	5.6	1.0		mg/L	20	4/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Sample exceding holding time

Results are wet unless othewise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *06-Apr-05*

CLIENT: Geocon Consultants, Inc.
Project: SFOBB West Approach Oakland Touchdown, E

Lab Order: 074546

Lab ID: 074546-033 **Collection Date:** 2/17/2005 11:20:00 AM
Client Sample ID: T20-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY TCLP						
	(EPA 3010A)			**EPA 1311/ 6010B**		
RunID: ICP6_050401A	QC Batch: 22096			PrepDate 3/31/2005		Analyst: **RQ**
Lead	12	1.0		mg/L	20	4/1/2005

Lab ID: 074546-036 **Collection Date:** 2/17/2005 11:21:00 AM
Client Sample ID: T20-1.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
				WET/ EPA 6010B		
RunID: ICP6_050401E	QC Batch: R48581			PrepDate		Analyst: **RQ**
Lead	11	1.0		mg/L	20	4/1/2005

Lab ID: 074546-038 **Collection Date:** 2/17/2005 11:49:00 AM
Client Sample ID: T21-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
				WET/ EPA 6010B		
RunID: ICP6_050401E	QC Batch: R48581			PrepDate		Analyst: **RQ**
Lead	11	1.0		mg/L	20	4/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Sample exceding holding time

Results are wet unless othewise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *06-Apr-05*

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_ST

Sample ID **MB-22049A** SampType: **MBLK** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **712313**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **MB-22049B** SampType: **MBLK** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **712327**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **MB-22049B** SampType: **MBLK** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/4/2005** SeqNo: **712634**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **LCS-22049** SampType: **LCS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **712314**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.9108	0.050	1	0	91.1	85	115	0	0		

Sample ID **LCS-22049** SampType: **LCS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/4/2005** SeqNo: **712635**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.034	0.050	1	0	103	85	115	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_ST

Sample ID **074546-032AMS** SampType: **MS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **T19-1.5** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **712326**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.055	1.0	2.5	5.564	59.7	67	120	0	0		S

Sample ID **074797-009AMS** SampType: **MS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/4/2005** SeqNo: **712638**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	11.88	1.0	2.5	10.4	59.4	67	120	0	0		S

Sample ID **074546-032ADUP** SampType: **DUP** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **T19-1.5** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **712325**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.363	1.0	0	0	0	0	0	5.564	3.67	20	

Sample ID **074797-009ADUP** SampType: **DUP** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **712338**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.738	1.0	0	0	0	0	0	10.77	10.1	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_TC

Sample ID	MB-22096A	SampType:	MBLK	TestCode:	6010_TC	Units:	mg/L	Prep Date:	3/31/2005	Run ID:	ICP6_050401A
Client ID:	ZZZZZ	Batch ID:	22096	TestNo:	EPA 1311/ 60 (EPA 3010A)			Analysis Date:	4/1/2005	SeqNo:	711601

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID	MB-22088A TCLP	SampType:	MBLK	TestCode:	6010_TC	Units:	mg/L	Prep Date:	3/31/2005	Run ID:	ICP6_050401A
Client ID:	ZZZZZ	Batch ID:	22096	TestNo:	EPA 1311/ 60 (EPA 3010A)			Analysis Date:	4/1/2005	SeqNo:	711602

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050	0	0	0	0	0	0	0		

Sample ID	MB-22096B	SampType:	MBLK	TestCode:	6010_TC	Units:	mg/L	Prep Date:	3/31/2005	Run ID:	ICP6_050401A
Client ID:	ZZZZZ	Batch ID:	22096	TestNo:	EPA 1311/ 60 (EPA 3010A)			Analysis Date:	4/1/2005	SeqNo:	711616

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID	MB-22088B TCLP	SampType:	MBLK	TestCode:	6010_TC	Units:	mg/L	Prep Date:	3/31/2005	Run ID:	ICP6_050401A
Client ID:	ZZZZZ	Batch ID:	22096	TestNo:	EPA 1311/ 60 (EPA 3010A)			Analysis Date:	4/1/2005	SeqNo:	711617

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050	0	0	0	0	0	0	0		

Sample ID	LCS-22096	SampType:	LCS	TestCode:	6010_TC	Units:	mg/L	Prep Date:	3/31/2005	Run ID:	ICP6_050401A
Client ID:	ZZZZZ	Batch ID:	22096	TestNo:	EPA 1311/ 60 (EPA 3010A)			Analysis Date:	4/1/2005	SeqNo:	711603

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.9323	0.050	1	0	93.2	85	115	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_TC

Sample ID **074215-008AMS** SampType: **MS** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711615**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.225	1.0	2.5	0	89	67	120	0	0		

Sample ID **074901-047AMS** SampType: **MS** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711628**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.852	1.0	2.5	1.28	103	67	120	0	0		

Sample ID **074215-008ADUP** SampType: **DUP** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711614**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	1.0	0	0	0	0	0	0	0	20	

Sample ID **074901-047ADUP** SampType: **DUP** TestCode: **6010_TC** Units: **mg/L** Prep Date: **3/31/2005** Run ID: **ICP6_050401A**
Client ID: **ZZZZZ** Batch ID: **22096** TestNo: **EPA 1311/ 60 (EPA 3010A)** Analysis Date: **4/1/2005** SeqNo: **711627**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.437	1.0	0	0	0	0	0	1.28	11.5	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Friday, March 25, 2005 4:54 PM
To: Galvan, Diane
Subject: Additional Analysis - Oakland Touch Down

Diane:

RE: Addtional analysis for multiple Lab Project Nos.

Lab Project No. 74546
Please run WET for lead on the following:

Sample ID	Sample No.
T9-0.5	6
T10-0	10
T13-0	14
T14-0	19
T15-1.0	24
T16-0	27
T16-0.5	28
T19-0	29
T19-0.5	30
T19-1.5	32
T20-1.5	36
T21-0.5	38

Please run TCLP for lead on the following:

Lab Project No. 74546

T9-0	5
T15-0.5	23
T20-0	33

Lab Project No. 74484

PG1-0	4
PG1-1.5	5
PG1-3	7
PG1-4.5	6
PG4-1.5	2
PG4-4.5	3
S1-0.5	38
S2-0	45
S2-0.5	41
S2-1.0	40

S3-0	27
S3-0.5	31
S3-1.0	26
S4-0	22
T1-1.5	49

Lab Project No. 74215:

T1-05	2
T2-0.5	5
T4-0.5	7
T5-O.5	16
T6-0	8
T11-0	18

Lab Project No. 74211:

T12-0	1
T17-0	5
T18-0.5	8
T23-0	10
T23-0.5	13
T23-1.0	11

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

RECEIVED
MAY 02 2005
By_____

April 20, 2005

ACCREDITED IN ACCORDANCE WITH nelac

Matt Hanko
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 074546

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 18, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *20-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	T20-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:18:00 AM
Lab ID:	074546-035A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
			WET/ EPA 6010B			
RunID: ICP5_050413A	QC Batch: R48933			PrepDate		Analyst: **RQ**
Lead	ND	1.0		mg/L	20	4/13/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *20-Apr-05*

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_ST

Sample ID **MB-22049A** SampType: **MBLK** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **712313**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **MB-22049B** SampType: **MBLK** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **712327**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **MB-22049B** SampType: **MBLK** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/4/2005** SeqNo: **712634**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **MB-22227** SampType: **MBLK** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP5_050413A**
Client ID: **ZZZZZ** Batch ID: **R48933** TestNo: **WET/ EPA 60** Analysis Date: **4/13/2005** SeqNo: **717350**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **LCS-22049** SampType: **LCS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **712314**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.9108	0.050	1	0	91.1	85	115	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_ST

Sample ID	LCS-22049	SampType:	LCS	TestCode:	6010_ST	Units:	mg/L	Prep Date:		Run ID:	ICP6_050401E
Client ID:	ZZZZZ	Batch ID:	R48581	TestNo:	WET/ EPA 60			Analysis Date:	4/4/2005	SeqNo:	712635

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.034	0.050	1	0	103	85	115	0	0		

Sample ID	LCS-22227	SampType:	LCS	TestCode:	6010_ST	Units:	mg/L	Prep Date:		Run ID:	ICP5_050413A
Client ID:	ZZZZZ	Batch ID:	R48933	TestNo:	WET/ EPA 60			Analysis Date:	4/13/2005	SeqNo:	717351

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.003	0.050	1	0	100	85	115	0	0		

Sample ID	074546-032AMS	SampType:	MS	TestCode:	6010_ST	Units:	mg/L	Prep Date:		Run ID:	ICP6_050401E
Client ID:	T19-1.5	Batch ID:	R48581	TestNo:	WET/ EPA 60			Analysis Date:	4/1/2005	SeqNo:	712326

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.055	1.0	2.5	5.564	59.7	67	120	0	0		S

Sample ID	074797-009AMS	SampType:	MS	TestCode:	6010_ST	Units:	mg/L	Prep Date:		Run ID:	ICP6_050401E
Client ID:	ZZZZZ	Batch ID:	R48581	TestNo:	WET/ EPA 60			Analysis Date:	4/4/2005	SeqNo:	712638

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	11.88	1.0	2.5	10.4	59.4	67	120	0	0		S

Sample ID	074449-002AMS	SampType:	MS	TestCode:	6010_ST	Units:	mg/L	Prep Date:		Run ID:	ICP5_050413A
Client ID:	ZZZZZ	Batch ID:	R48933	TestNo:	WET/ EPA 60			Analysis Date:	4/13/2005	SeqNo:	717354

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.24	1.0	2.5	0	89.6	67	120	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_ST

Sample ID **074449-002AMSD** SampType: **MSD** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP5_050413A**
Client ID: **ZZZZZ** Batch ID: **R48933** TestNo: **WET/ EPA 60** Analysis Date: **4/13/2005** SeqNo: **717355**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.31	1.0	2.5	0	92.4	67	120	2.24	3.10	20	

Sample ID **074546-032ADUP** SampType: **DUP** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **T19-1.5** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **712325**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.363	1.0	0	0	0	0	0	5.564	3.67	20	

Sample ID **074797-009ADUP** SampType: **DUP** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **712338**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.738	1.0	0	0	0	0	0	10.77	10.1	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Friday, April 08, 2005 9:32 AM
To: Galvan, Diane
Subject: Additional Analysis

Diane:

RE: SFOBB West Approach Oakland Touch Down

Please run the following samples for the specified analysis:

Project No. 74484-024 Sample ID S4-0.5 TCLP for lead
Project No. 74546-035 Sample ID T20-1.0 WET for lead

Thank you,

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

April 27, 2005

RECEIVED
MAY 02 2005
By_____

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Matt Hanko
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

Workorder No.: 074546

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 18, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Project: SFOBB West Approach Oakland Touchdown, E
Lab Order: 074546

CASE NARRATIVE

Samples 074546-006A, 074546-010A, 074546-014A, 074546-024A and 074546-030A were redigested and reanalyzed for Total and WET Lead, per client request. Both results are reported.

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *27-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	T9-0.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:08:00 AM
Lab ID:	074546-006A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ICP						
	(EPA 3050M)			**EPA 6010B**		
RunID: ICP5_050426A	QC Batch: 22437			PrepDate	4/25/2005	Analyst: **RQ**
Lead	85	5.0		mg/Kg	1	4/26/2005
Lead	60	5.0		mg/Kg	1	2/24/2005
ICP METALS BY STLC						
				WET/ EPA 6010B		
RunID: ICP5_050425B	QC Batch: R49308			PrepDate		Analyst: **RQ**
Lead	1.0	1.0		mg/L	20	4/25/2005
Lead	61	1.0		mg/L	20	4/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *27-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	T10-0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:27:00 AM
Lab ID:	074546-010A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ICP						
	(EPA 3050M)			**EPA 6010B**		
RunID: ICP5_050426A	QC Batch: 22437			PrepDate	4/25/2005	Analyst: **RQ**
Lead	590	5.0		mg/Kg	1	4/26/2005
Lead	240	5.0		mg/Kg	1	2/24/2005
ICP METALS BY STLC						
				WET/ EPA 6010B		
RunID: ICP5_050425B	QC Batch: R49308			PrepDate		Analyst: **RQ**
Lead	34	1.0	H	mg/L	20	4/25/2005
Lead	42	1.0		mg/L	20	4/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *27-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	T13-0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 9:41:00 AM
Lab ID:	074546-014A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ICP						
	(EPA 3050M)			**EPA 6010B**		
RunID: ICP5_050426A	QC Batch: 22437			PrepDate	4/25/2005	Analyst: **RQ**
Lead	370	5.0		mg/Kg	1	4/26/2005
Lead	150	5.0		mg/Kg	1	2/24/2005
ICP METALS BY STLC						
				WET/ EPA 6010B		
RunID: ICP5_050425B	QC Batch: R49308			PrepDate		Analyst: **RQ**
Lead	16	1.0		mg/L	20	4/25/2005
Lead	22	1.0		mg/L	20	4/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *27-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	T15-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 10:31:00 AM
Lab ID:	074546-024A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ICP						
	(EPA 3050M)			**EPA 6010B**		
RunID: ICP5_050426A	QC Batch: 22437			PrepDate	4/25/2005	Analyst: **RQ**
Lead	37	5.0		mg/Kg	1	4/26/2005
Lead	100	5.0		mg/Kg	1	2/24/2005
ICP METALS BY STLC						
				WET/ EPA 6010B		
RunID: ICP5_050425B	QC Batch: R49308			PrepDate		Analyst: **RQ**
Lead	5.1	1.0		mg/L	20	4/25/2005
Lead	19	1.0		mg/L	20	4/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *27-Apr-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	T19-0.5
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:08:00 AM
Lab ID:	074546-030A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ICP						
	(EPA 3050M)			**EPA 6010B**		
RunID: ICP5_050426A	QC Batch: 22437			PrepDate	4/25/2005	Analyst: **RQ**
Lead	1700	5.0		mg/Kg	1	4/26/2005
Lead	170	5.0		mg/Kg	1	2/24/2005
ICP METALS BY STLC						
				WET/ EPA 6010B		
RunID: ICP5_050425B	QC Batch: R49308			PrepDate		Analyst: **RQ**
Lead	18	1.0		mg/L	20	4/25/2005
Lead	20	1.0		mg/L	20	4/1/2005

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *27-Apr-05*

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID **MB-21436A** SampType: **MBLK** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP5_050224E**
Client ID: **ZZZZZ** Batch ID: **21436** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **2/24/2005** SeqNo: **685481**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID **MB-21436B** SampType: **MBLK** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP5_050224E**
Client ID: **ZZZZZ** Batch ID: **21436** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **2/24/2005** SeqNo: **685495**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID **MB-21437A** SampType: **MBLK** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP5_050224F**
Client ID: **ZZZZZ** Batch ID: **21437** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **2/24/2005** SeqNo: **685509**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID **MB-22437A** SampType: **MBLK** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP5_050426A**
Client ID: **ZZZZZ** Batch ID: **22437** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **4/26/2005** SeqNo: **723653**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID **LCS-21436** SampType: **LCS** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **2/24/2005** Run ID: **ICP5_050224E**
Client ID: **ZZZZZ** Batch ID: **21436** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **2/24/2005** SeqNo: **685482**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	251.2	5.0	250	0	100	80	120	0	0		

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21437	LCS	6010_SPB	mg/Kg	2/24/2005	ICP5_050224F
Client ID: ZZZZZ	Batch ID: 21437	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/24/2005	SeqNo: 685510

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	253.1	5.0	250	0	101	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-22437	LCS	6010_SPB	mg/Kg	4/25/2005	ICP5_050426A
Client ID: ZZZZZ	Batch ID: 22437	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 4/26/2005	SeqNo: 723654

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	264.9	5.0	250	0	106	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074546-011AMS	MS	6010_SPB	mg/Kg	2/24/2005	ICP5_050224E
Client ID: T10-0.5	Batch ID: 21436	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/24/2005	SeqNo: 685494

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	275.9	5.0	250	16.64	104	47	125	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074546-029AMS	MS	6010_SPB	mg/Kg	2/24/2005	ICP5_050224E
Client ID: T19-0	Batch ID: 21436	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/24/2005	SeqNo: 685507

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1044	5.0	250	647.3	159	47	125	0	0		S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074546-040AMS	MS	6010_SPB	mg/Kg	2/24/2005	ICP5_050224F
Client ID: T21-1.5	Batch ID: 21437	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/24/2005	SeqNo: 685519

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	170.9	5.0	250	4.013	66.8	47	125	0	0		

Qualifiers:
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074546-030AMS	MS	6010_SPB	mg/Kg	4/25/2005	ICP5_050426A
Client ID: T19-0.5	Batch ID: 22437	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 4/26/2005	SeqNo: 723664

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1669	5.0	250	1687	-7.07	47	125	0	0		S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074546-030AMSD	MSD	6010_SPB	mg/Kg	4/25/2005	ICP5_050426A
Client ID: T19-0.5	Batch ID: 22437	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 4/26/2005	SeqNo: 723665

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1591	5.0	250	1687	-38.3	47	125	1669	4.78	20	S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074546-011ADUP	DUP	6010_SPB	mg/Kg	2/24/2005	ICP5_050224E
Client ID: T10-0.5	Batch ID: 21436	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/24/2005	SeqNo: 685493

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	24.24	5.0	0	0	0	0	0	16.64	37.2	20	R

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074546-029ADUP	DUP	6010_SPB	mg/Kg	2/24/2005	ICP5_050224E
Client ID: T19-0	Batch ID: 21436	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/24/2005	SeqNo: 685506

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	675.8	5.0	0	0	0	0	0	647.3	4.32	20	

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
074546-040ADUP	DUP	6010_SPB	mg/Kg	2/24/2005	ICP5_050224F
Client ID: T21-1.5	Batch ID: 21437	TestNo: EPA 6010B	(EPA 3050M)	Analysis Date: 2/24/2005	SeqNo: 685518

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0	0	0	0	4.013	0	20	

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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID **074546-030ADUP** SampType: **DUP** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **4/25/2005** Run ID: **ICP5_050426A**
Client ID: **T19-0.5** Batch ID: **22437** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **4/26/2005** SeqNo: **723663**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1535	5.0	0	0	0	0	0	1687	9.42	20	

Qualifiers:
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DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_ST

Sample ID	MB-22049A	SampType:	MBLK	TestCode:	6010_ST	Units:	mg/L	Prep Date:		Run ID:	ICP6_050401E
Client ID:	ZZZZZ	Batch ID:	R48581	TestNo:	WET/ EPA 60			Analysis Date:	4/1/2005	SeqNo:	712313

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID	MB-22049B	SampType:	MBLK	TestCode:	6010_ST	Units:	mg/L	Prep Date:		Run ID:	ICP6_050401E
Client ID:	ZZZZZ	Batch ID:	R48581	TestNo:	WET/ EPA 60			Analysis Date:	4/1/2005	SeqNo:	712327

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID	MB-22049B	SampType:	MBLK	TestCode:	6010_ST	Units:	mg/L	Prep Date:		Run ID:	ICP6_050401E
Client ID:	ZZZZZ	Batch ID:	R48581	TestNo:	WET/ EPA 60			Analysis Date:	4/4/2005	SeqNo:	712634

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID	MB-22227	SampType:	MBLK	TestCode:	6010_ST	Units:	mg/L	Prep Date:		Run ID:	ICP5_050413A
Client ID:	ZZZZZ	Batch ID:	R48933	TestNo:	WET/ EPA 60			Analysis Date:	4/13/2005	SeqNo:	717350

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID	MB-22407A	SampType:	MBLK	TestCode:	6010_ST	Units:	mg/L	Prep Date:		Run ID:	ICP5_050425B
Client ID:	ZZZZZ	Batch ID:	R49308	TestNo:	WET/ EPA 60			Analysis Date:	4/25/2005	SeqNo:	723193

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_ST

Sample ID **MB-22407B** SampType: **MBLK** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP5_050425B**
Client ID: **ZZZZZ** Batch ID: **R49308** TestNo: **WET/ EPA 60** Analysis Date: **4/25/2005** SeqNo: **723208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **LCS-22049** SampType: **LCS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **712314**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.9108	0.050	1	0	91.1	85	115	0	0		

Sample ID **LCS-22049** SampType: **LCS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/4/2005** SeqNo: **712635**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.034	0.050	1	0	103	85	115	0	0		

Sample ID **LCS-22227** SampType: **LCS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP5_050413A**
Client ID: **ZZZZZ** Batch ID: **R48933** TestNo: **WET/ EPA 60** Analysis Date: **4/13/2005** SeqNo: **717351**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.003	0.050	1	0	100	85	115	0	0		

Sample ID **LCS-22407** SampType: **LCS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP5_050425B**
Client ID: **ZZZZZ** Batch ID: **R49308** TestNo: **WET/ EPA 60** Analysis Date: **4/25/2005** SeqNo: **723194**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.972	0.050	1	0	97.2	85	115	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_ST

Sample ID **074546-032AMS** SampType: **MS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **T19-1.5** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **712326**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.055	1.0	2.5	5.564	59.7	67	120	0	0		S

Sample ID **074797-009AMS** SampType: **MS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/4/2005** SeqNo: **712638**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	11.88	1.0	2.5	10.4	59.4	67	120	0	0		S

Sample ID **074449-002AMS** SampType: **MS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP5_050413A**
Client ID: **ZZZZZ** Batch ID: **R48933** TestNo: **WET/ EPA 60** Analysis Date: **4/13/2005** SeqNo: **717354**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.24	1.0	2.5	0	89.6	67	120	0	0		

Sample ID **074546-030AMS** SampType: **MS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP5_050425B**
Client ID: **T19-0.5** Batch ID: **R49308** TestNo: **WET/ EPA 60** Analysis Date: **4/25/2005** SeqNo: **723207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	18.54	1.0	2.5	20.07	-61.1	67	120	0	0		S

Sample ID **075961-001AMS** SampType: **MS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP5_050425B**
Client ID: **ZZZZZ** Batch ID: **R49308** TestNo: **WET/ EPA 60** Analysis Date: **4/25/2005** SeqNo: **723213**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	2.5	0.5739	88.7	67	120	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
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H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_ST

Sample ID **074449-002AMSD** SampType: **MSD** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP5_050413A**
Client ID: **ZZZZZ** Batch ID: **R48933** TestNo: **WET/ EPA 60** Analysis Date: **4/13/2005** SeqNo: **717355**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.31	1.0	2.5	0	92.4	67	120	2.24	3.10	20	

Sample ID **075961-001AMSD** SampType: **MSD** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP5_050425B**
Client ID: **ZZZZZ** Batch ID: **R49308** TestNo: **WET/ EPA 60** Analysis Date: **4/25/2005** SeqNo: **723214**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	2.5	0.5739	92.6	67	120	2.791	0	20	

Sample ID **074546-032ADUP** SampType: **DUP** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **T19-1.5** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **712325**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.363	1.0	0	0	0	0	0	5.564	3.67	20	

Sample ID **074797-009ADUP** SampType: **DUP** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401E**
Client ID: **ZZZZZ** Batch ID: **R48581** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **712338**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.738	1.0	0	0	0	0	0	10.77	10.1	20	

Sample ID **074546-030ADUP** SampType: **DUP** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP5_050425B**
Client ID: **T19-0.5** Batch ID: **R49308** TestNo: **WET/ EPA 60** Analysis Date: **4/25/2005** SeqNo: **723206**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	18.52	1.0	0	0	0	0	0	20.07	8.02	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_ST

Sample ID **075961-001ADUP** SampType: **DUP** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP5_050425B**
Client ID: **ZZZZZ** Batch ID: **R49308** TestNo: **WET/ EPA 60** Analysis Date: **4/25/2005** SeqNo: **723212**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0	0	0	0	0.5739	0	20	

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Monday, April 18, 2005 12:37 PM
To: Galvan, Diane
Subject: Additional Analysis

Diane:

RE: SFOBB Oakland Touch Down

Attached is an Excel spreadsheet with the requested additional analysis. We want the samples that are listed in the Re-run total and WET column to be run simultaneously from the same homogenized aliquot extracted from the sample.

Thank you,

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

ADDITIONAL LEAD ANALYSIS

Sample ID	Lab Project No.	Re-run Total and WET	WET	TCLP
S1-0.5	74484-038	X		
S2-1.0	74484-040	X		
S3-0.5	74484-031	X		
S4-0	74484-022	X		
S4-0.5	74484-024			X
T2-0.5	74215--005	X		
T4-0.5	74215-007	X		
T5-0.5	74215-016	X		
T9-0.5	74546-006	X		
T10-0	74546--010	X		
T-13-0	74546-014	X		
T-14-0	74546-019			X
T-15-1.0	74546-024	X		
T-16-0	74546-027			X
T-16-0.5	74546-028			X
T-19-0.5	74546-030	X		
T-19-1.5	74546-032			X
T-20-1.0	74546-035		X	
T-20-1.5	74546-036			X
T-21-0.5	74546-038			X

April 29, 2005

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Matt Hanko
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

Workorder No.: 074546

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 18, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Apr-05*

CLIENT: Geocon Consultants, Inc. **Lab Order:** 074546
Project: SFOBB West Approach Oakland Touchdown, E

Lab ID: 074546-019 **Collection Date:** 2/17/2005 10:09:00 AM
Client Sample ID: T14-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION BY TCLP (EPA 3010A) EPA 1311/ 7420						
RunID: AA2_050422A QC Batch: 22410 PrepDate 4/22/2005 Analyst: **MJM**						
Lead	0.52	0.25		mg/L	1	4/22/2005

Lab ID: 074546-027 **Collection Date:** 2/17/2005 10:45:00 AM
Client Sample ID: T16-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION BY TCLP (EPA 3010A) EPA 1311/ 7420						
RunID: AA2_050422A QC Batch: 22410 PrepDate 4/22/2005 Analyst: **MJM**						
Lead	0.81	0.25		mg/L	1	4/22/2005

Lab ID: 074546-028 **Collection Date:** 2/17/2005 10:47:00 AM
Client Sample ID: T16-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION BY TCLP (EPA 3010A) EPA 1311/ 7420						
RunID: AA2_050422A QC Batch: 22410 PrepDate 4/22/2005 Analyst: **MJM**						
Lead	2.0	0.25		mg/L	1	4/22/2005

Lab ID: 074546-032 **Collection Date:** 2/17/2005 11:05:00 AM
Client Sample ID: T19-1.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION BY TCLP (EPA 3010A) EPA 1311/ 7420						
RunID: AA2_050422A QC Batch: 22410 PrepDate 4/22/2005 Analyst: **MJM**						
Lead	ND	0.25		mg/L	1	4/22/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Sample exceding holding time

Results are wet unless othewise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *29-Apr-05*

CLIENT: Geocon Consultants, Inc.
Project: SFOBB West Approach Oakland Touchdown, E

Lab Order: 074546

Lab ID: 074546-036 **Collection Date:** 2/17/2005 11:21:00 AM
Client Sample ID: T20-1.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION BY TCLP (EPA 3010A) EPA 1311/ 7420						
RunID: AA2_050422A QC Batch: 22410 PrepDate 4/22/2005 Analyst: **MJM**						
Lead	1.1	0.25		mg/L	1	4/22/2005

Lab ID: 074546-038 **Collection Date:** 2/17/2005 11:49:00 AM
Client Sample ID: T21-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION BY TCLP (EPA 3010A) EPA 1311/ 7420						
RunID: AA2_050422A QC Batch: 22410 PrepDate 4/22/2005 Analyst: **MJM**						
Lead	ND	0.25		mg/L	1	4/22/2005

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Sample exceding holding time

Results are wet unless othewise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Apr-05*

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_TC

Sample ID **MB-22410A** SampType: **MBLK** TestCode: **7420_TC** Units: **mg/L** Prep Date: **4/22/2005** Run ID: **AA2_050422A**
Client ID: **ZZZZZ** Batch ID: **22410** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **4/22/2005** SeqNo: **722035**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID **MB-22406A TCLP** SampType: **MBLK** TestCode: **7420_TC** Units: **mg/L** Prep Date: **4/22/2005** Run ID: **AA2_050422A**
Client ID: **ZZZZZ** Batch ID: **22410** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **4/22/2005** SeqNo: **722036**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25	0	0	0	0	0	0	0		

Sample ID **LCS-22410** SampType: **LCS** TestCode: **7420_TC** Units: **mg/L** Prep Date: **4/22/2005** Run ID: **AA2_050422A**
Client ID: **ZZZZZ** Batch ID: **22410** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **4/22/2005** SeqNo: **722037**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.097	0.25	1	0	110	80	120	0	0		

Sample ID **075178-011AMS** SampType: **MS** TestCode: **7420_TC** Units: **mg/L** Prep Date: **4/22/2005** Run ID: **AA2_050422A**
Client ID: **ZZZZZ** Batch ID: **22410** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **4/22/2005** SeqNo: **722046**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.96	0.25	2.5	0.2497	108	70	130	0	0		

Sample ID **075178-011ADUP** SampType: **DUP** TestCode: **7420_TC** Units: **mg/L** Prep Date: **4/22/2005** Run ID: **AA2_050422A**
Client ID: **ZZZZZ** Batch ID: **22410** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **4/22/2005** SeqNo: **722045**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.4633	0.25	0	0	0	0	0	0.2497	59.9	20	R

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

RECEIVED
MAY 19 2005
By

May 09, 2005

ACCREDITED IN ACCORDANCE WITH nelac

Matt Hanko
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 074546

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on February 18, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories

Date: *09-May-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	T20-1.0
Lab Order:	074546		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	2/17/2005 11:18:00 AM
Lab ID:	074546-035A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION BY TCLP (EPA 3010A)				**EPA 1311/ 7420**		
RunID: AA2_050506A	QC Batch: 22568				PrepDate 5/6/2005	Analyst: **MJM**
Lead	ND	0.25		mg/L	1	5/6/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *09-May-05*

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

BatchID: 22568

Sample ID	MB-22568A	SampType:	MBLK	TestCode:	7420_TC	Units:	mg/L	Prep Date:	5/6/2005	Run ID:	AA2_050506A
Client ID:	ZZZZZ	Batch ID:	22568	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	5/6/2005	SeqNo:	728668

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	MB-22556A TCLP	SampType:	MBLK	TestCode:	7420_TC	Units:	mg/L	Prep Date:	5/6/2005	Run ID:	AA2_050506A
Client ID:	ZZZZZ	Batch ID:	22568	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	5/6/2005	SeqNo:	728669

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25	0	0	0	0	0	0	0		

Sample ID	MB-22568B	SampType:	MBLK	TestCode:	7420_TC	Units:	mg/L	Prep Date:	5/6/2005	Run ID:	AA2_050506A
Client ID:	ZZZZZ	Batch ID:	22568	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	5/6/2005	SeqNo:	728683

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID	LCS-22568	SampType:	LCS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	5/6/2005	Run ID:	AA2_050506A
Client ID:	ZZZZZ	Batch ID:	22568	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	5/6/2005	SeqNo:	728670

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.123	0.25	1	0	112	80	120	0	0		

Sample ID	074853-039AMS	SampType:	MS	TestCode:	7420_TC	Units:	mg/L	Prep Date:	5/6/2005	Run ID:	AA2_050506A
Client ID:	ZZZZZ	Batch ID:	22568	TestNo:	EPA 1311/ 74 (EPA 3010A)			Analysis Date:	5/6/2005	SeqNo:	728682

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.937	0.25	2.5	0.5113	97	70	130	0	0		

Qualifiers:
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R - RPD outside accepted recovery limits
S - Spike/Surrogate outside limits due to matrix interference
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO - Surrogate diluted out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

BatchID: 22568

Sample ID **075037-013AMS** SampType: **MS** TestCode: **7420_TC** Units: **mg/L** Prep Date: **5/6/2005** Run ID: **AA2_050506A**
Client ID: **ZZZZZ** Batch ID: **22568** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **5/6/2005** SeqNo: **728696**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.959	0.25	2.5	0.3139	106	70	130	0	0		

Sample ID **075037-013AMSD** SampType: **MSD** TestCode: **7420_TC** Units: **mg/L** Prep Date: **5/6/2005** Run ID: **AA2_050506A**
Client ID: **ZZZZZ** Batch ID: **22568** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **5/6/2005** SeqNo: **728697**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.84	0.25	2.5	0.3139	101	70	130	2.959	4.08	20	

Sample ID **074853-039ADUP** SampType: **DUP** TestCode: **7420_TC** Units: **mg/L** Prep Date: **5/6/2005** Run ID: **AA2_050506A**
Client ID: **ZZZZZ** Batch ID: **22568** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **5/6/2005** SeqNo: **728681**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.3362	0.25	0	0	0	0	0	0.5113	41.3	20	R

Sample ID **075037-013ADUP** SampType: **DUP** TestCode: **7420_TC** Units: **mg/L** Prep Date: **5/6/2005** Run ID: **AA2_050506A**
Client ID: **ZZZZZ** Batch ID: **22568** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **5/6/2005** SeqNo: **728695**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.3031	0.25	0	0	0	0	0	0.3139	3.49	20	

Qualifiers:
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S - Spike/Surrogate outside limits due to matrix interference
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Calculations are based on raw values
DO - Surrogate diluted out
H - Sample exceeded holding time

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Monday, May 02, 2005 4:07 PM
To: Galvan, Diane
Subject: SFOBB - Oakland Touch Down

Diane:

RE: Additional Analysis for 74546

Please run TCLP for lead on 74546-35

Thank you,

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

May 16, 2005

RECEIVED
MAY 19 2005
By

ACCREDITED IN ACCORDANCE WITH nelac

Matt Hanko
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 074546

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

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Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

for Eddie F. Rodriguez
Laboratory Director

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Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *16-May-05*

CLIENT: Geocon Consultants, Inc.
Project: SFOBB West Approach Oakland Touchdown, E
Lab Order: 074546

Lab ID: 074546-010 **Collection Date:** 2/17/2005 9:27:00 AM
Client Sample ID: T10-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION BY TCLP (EPA 3010A) EPA 1311/ 7420						
RunID: AA2_050513A QC Batch: 22622 PrepDate 5/11/2005 Analyst: **MJM**						
Lead	0.40	0.25		mg/L	1	5/13/2005

Lab ID: 074546-014 **Collection Date:** 2/17/2005 9:41:00 AM
Client Sample ID: T13-0 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION BY TCLP (EPA 3010A) EPA 1311/ 7420						
RunID: AA2_050513A QC Batch: 22622 PrepDate 5/11/2005 Analyst: **MJM**						
Lead	1.6	0.25		mg/L	1	5/13/2005

Lab ID: 074546-030 **Collection Date:** 2/17/2005 11:08:00 AM
Client Sample ID: T19-0.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION BY TCLP (EPA 3010A) EPA 1311/ 7420						
RunID: AA2_050513A QC Batch: 22622 PrepDate 5/11/2005 Analyst: **MJM**						
Lead	0.48	0.25		mg/L	1	5/13/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Sample exceding holding time

Results are wet unless othewise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

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3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *16-May-05*

CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_TC

Sample ID **MB-22611A TCLP** SampType: **MBLK** TestCode: **7420_TC** Units: **mg/L** Prep Date: **5/11/2005** Run ID: **AA2_050513A**
Client ID: **ZZZZZ** Batch ID: **22622** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **5/13/2005** SeqNo: **731378**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25	0	0	0	0	0	0	0		

Sample ID **MB-22622A** SampType: **MBLK** TestCode: **7420_TC** Units: **mg/L** Prep Date: **5/11/2005** Run ID: **AA2_050513A**
Client ID: **ZZZZZ** Batch ID: **22622** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **5/13/2005** SeqNo: **731387**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25	0	0	0	0	0	0	0		

Sample ID **LCS-22622** SampType: **LCS** TestCode: **7420_TC** Units: **mg/L** Prep Date: **5/11/2005** Run ID: **AA2_050513A**
Client ID: **ZZZZZ** Batch ID: **22622** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **5/13/2005** SeqNo: **731379**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.106	0.25	1	0	111	80	120	0	0		

Sample ID **074546-010AMS** SampType: **MS** TestCode: **7420_TC** Units: **mg/L** Prep Date: **5/11/2005** Run ID: **AA2_050513A**
Client ID: **T10-0** Batch ID: **22622** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **5/13/2005** SeqNo: **731385**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.117	0.25	2.5	0.403	109	70	130	0	0		

Sample ID **074546-010AMSD** SampType: **MSD** TestCode: **7420_TC** Units: **mg/L** Prep Date: **5/11/2005** Run ID: **AA2_050513A**
Client ID: **T10-0** Batch ID: **22622** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **5/13/2005** SeqNo: **731386**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.308	0.25	2.5	0.403	116	70	130	3.117	5.93	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Consultants, Inc.
Work Order: 074546
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_TC

Sample ID **074546-010ADUP** SampType: **DUP** TestCode: **7420_TC** Units: **mg/L** Prep Date: **5/11/2005** Run ID: **AA2_050513A**
Client ID: **T10-0** Batch ID: **22622** TestNo: **EPA 1311/ 74 (EPA 3010A)** Analysis Date: **5/13/2005** SeqNo: **731384**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.6935	0.25	0	0	0	0	0	0.403	53.0	20	R

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Monday, May 09, 2005 1:36 PM
To: Galvan, Diane
Subject: Addtional Analysis - Oakland Touchdown

Diane:

RE: TCLP for Lab Project No. 74546

Please run TCLP for lead on the following samples from 74546:

T10-0 sample No. 010
T13-0 sample No. 014
T19-0.5 sample No. 030

Thank you,

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

March 28, 2005

Matt Hanko
Geocon Environmental
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5590
FAX: (925) 371-5915

RECEIVED
APR 07 2005
By

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 074965

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on March 05, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Project: SFOBB West Approach Oakland Touchdown, E
Lab Order: 074965

CASE NARRATIVE

Analytical Comments for Method 8015 (Diesel/Motor Oil)

Samples 074965-005A, 074965-006A, 074965-007A and 074965-008A contain hydrocarbons within the diesel/motor oil range that do not match the diesel/motor oil pattern. Quantitation was based on a diesel/motor oil standard.

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW1-1
Lab Order:	074965		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/4/2005
Lab ID:	074965-001A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ICP						
	(EPA 3050M)			**EPA 6010B**		
RunID: ICP5_050316H	QC Batch: 21781			PrepDate	3/14/2005	Analyst: **RQ**
Lead	ND	5.0		mg/Kg	1	3/16/2005

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- DO - Surrogate Diluted Out
- S - Spike/Surrogate outside of limits due to matrix interfere
- H - Sample exceeded analytical holding time
- E - Value above quantitation range
- R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW1-2
Lab Order:	074965		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/4/2005
Lab ID:	074965-002A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ICP						
	(EPA 3050M)			**EPA 6010B**		
RunID: ICP5_050316H	QC Batch: 21781			PrepDate	3/14/2005	Analyst: **RQ**
Lead	5.9	5.0		mg/Kg	1	3/16/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

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Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW1-3
Lab Order:	074965		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/4/2005
Lab ID:	074965-003A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ICP						
	(EPA 3050M)			**EPA 6010B**		
RunID: ICP5_050316H	QC Batch: 21781			PrepDate	3/14/2005	Analyst: **RQ**
Lead	ND	5.0		mg/Kg	1	3/16/2005

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- DO - Surrogate Diluted Out
- S - Spike/Surrogate outside of limits due to matrix interfere
- H - Sample exceeded analytical holding time
- E - Value above quantitation range
- R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW1-4
Lab Order:	074965		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/4/2005
Lab ID:	074965-004A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ICP						
	(EPA 3050M)			**EPA 6010B**		
RunID: ICP5_050316H	QC Batch: 21781			PrepDate	3/14/2005	Analyst: **RQ**
Lead	ND	5.0		mg/Kg	1	3/16/2005

Qualifiers:

ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
DO - Surrogate Diluted Out	R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PGE5-0
Lab Order:	074965		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/4/2005
Lab ID:	074965-005A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050321B	QC Batch: 21864			PrepDate	3/17/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	3/21/2005
Arsenic	ND	1.0		mg/Kg	1	3/21/2005
Barium	37	1.0		mg/Kg	1	3/21/2005
Beryllium	ND	1.0		mg/Kg	1	3/21/2005
Cadmium	ND	1.0		mg/Kg	1	3/21/2005
Chromium	8.9	1.0		mg/Kg	1	3/21/2005
Cobalt	2.3	1.0		mg/Kg	1	3/21/2005
Copper	11	1.0		mg/Kg	1	3/21/2005
Lead	38	1.0		mg/Kg	1	3/21/2005
Molybdenum	3.0	1.0		mg/Kg	1	3/21/2005
Nickel	11	1.0		mg/Kg	1	3/21/2005
Selenium	2.6	1.0		mg/Kg	1	3/21/2005
Silver	ND	1.0		mg/Kg	1	3/21/2005
Thallium	ND	1.0		mg/Kg	1	3/21/2005
Vanadium	9.0	1.0		mg/Kg	1	3/21/2005
Zinc	50	1.0		mg/Kg	1	3/21/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050322B	QC Batch: 21873			PrepDate	3/18/2005	Analyst: **CBR**
Diesel	130	2.0		mg/Kg	1	3/22/2005
Motor Oil	220	2.0		mg/Kg	1	3/22/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050318A	QC Batch: 21851			PrepDate	3/17/2005	Analyst: **JT**
Mercury	ND	0.10		mg/Kg	1	3/18/2005

Qualifiers:

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R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PGE5-0
Lab Order:	074965		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/4/2005
Lab ID:	074965-005A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD (EPA 3550B)				**EPA 8081A**		
RunID: GC9_050319A	QC Batch: 21836			PrepDate	3/16/2005	Analyst: **EES**
4,4´-DDD	ND	2.0		µg/Kg	1	3/20/2005
4,4´-DDE	ND	2.0		µg/Kg	1	3/20/2005
4,4´-DDT	6.2	2.0		µg/Kg	1	3/20/2005
Aldrin	ND	1.0		µg/Kg	1	3/20/2005
alpha-BHC	ND	1.0		µg/Kg	1	3/20/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	3/20/2005
beta-BHC	ND	1.0		µg/Kg	1	3/20/2005
Chlordane	ND	8.5		µg/Kg	1	3/20/2005
delta-BHC	ND	1.0		µg/Kg	1	3/20/2005
Dieldrin	ND	2.0		µg/Kg	1	3/20/2005
Endosulfan I	ND	1.0		µg/Kg	1	3/20/2005
Endosulfan II	ND	2.0		µg/Kg	1	3/20/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	3/20/2005
Endrin	ND	2.0		µg/Kg	1	3/20/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	3/20/2005
Endrin ketone	ND	2.0		µg/Kg	1	3/20/2005
gamma-BHC	ND	1.0		µg/Kg	1	3/20/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	3/20/2005
Heptachlor	ND	1.0		µg/Kg	1	3/20/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	3/20/2005
Methoxychlor	ND	8.5		µg/Kg	1	3/20/2005
Toxaphene	ND	85		µg/Kg	1	3/20/2005
PCB BY GC/ECD (EPA 3550B)				**EPA 8082**		
RunID: GC10_050317A	QC Batch: 21836			PrepDate	3/16/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	3/17/2005
Aroclor 1221	ND	33		µg/Kg	1	3/17/2005
Aroclor 1232	ND	16		µg/Kg	1	3/17/2005
Aroclor 1242	ND	16		µg/Kg	1	3/17/2005
Aroclor 1248	ND	16		µg/Kg	1	3/17/2005
Aroclor 1254	59	16		µg/Kg	1	3/17/2005
Aroclor 1260	54	16		µg/Kg	1	3/17/2005
Aroclor 1262	ND	16		µg/Kg	1	3/17/2005
Aroclor 1268	ND	16		µg/Kg	1	3/17/2005

Qualifiers:

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Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PGE5-1.5
Lab Order:	074965		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/4/2005
Lab ID:	074965-006A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050321B	QC Batch: 21864			PrepDate	3/17/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	3/21/2005
Arsenic	ND	1.0		mg/Kg	1	3/21/2005
Barium	60	1.0		mg/Kg	1	3/21/2005
Beryllium	ND	1.0		mg/Kg	1	3/21/2005
Cadmium	ND	1.0		mg/Kg	1	3/21/2005
Chromium	12	1.0		mg/Kg	1	3/21/2005
Cobalt	4.6	1.0		mg/Kg	1	3/21/2005
Copper	9.1	1.0		mg/Kg	1	3/21/2005
Lead	53	1.0		mg/Kg	1	3/21/2005
Molybdenum	2.1	1.0		mg/Kg	1	3/21/2005
Nickel	12	1.0		mg/Kg	1	3/21/2005
Selenium	ND	1.0		mg/Kg	1	3/21/2005
Silver	ND	1.0		mg/Kg	1	3/21/2005
Thallium	ND	1.0		mg/Kg	1	3/21/2005
Vanadium	12	1.0		mg/Kg	1	3/21/2005
Zinc	30	1.0		mg/Kg	1	3/21/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050322B	QC Batch: 21873			PrepDate	3/18/2005	Analyst: **CBR**
Diesel	50	2.0		mg/Kg	1	3/22/2005
Motor Oil	82	2.0		mg/Kg	1	3/22/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050309B	QC Batch: D05VS057			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	3/10/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050318A	QC Batch: 21851			PrepDate	3/17/2005	Analyst: **JT**
Mercury	0.49	0.10		mg/Kg	1	3/18/2005

Qualifiers:

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- B - Analyte detected in the associated Method Blank
- DO - Surrogate Diluted Out
- S - Spike/Surrogate outside of limits due to matrix interfere
- H - Sample exceeded analytical holding time
- E - Value above quantitation range
- R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PGE5-1.5
Lab Order:	074965		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/4/2005
Lab ID:	074965-006A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050309A QC Batch: R05VS058 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	3/9/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	3/9/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	3/9/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	3/9/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	3/9/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	3/9/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	3/9/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	3/9/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	3/9/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	3/9/2005
Benzene	ND	5.0		µg/Kg	1	3/9/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	3/9/2005
Bromoform	ND	5.0		µg/Kg	1	3/9/2005
Bromomethane	ND	5.0		µg/Kg	1	3/9/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	3/9/2005
Chlorobenzene	ND	5.0		µg/Kg	1	3/9/2005
Chloroethane	ND	5.0		µg/Kg	1	3/9/2005
Chloroform	ND	5.0		µg/Kg	1	3/9/2005
Chloromethane	ND	5.0		µg/Kg	1	3/9/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	3/9/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	3/9/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	3/9/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	3/9/2005
Ethylbenzene	ND	5.0		µg/Kg	1	3/9/2005
m,p-Xylene	ND	5.0		µg/Kg	1	3/9/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	3/9/2005
Methylene chloride	ND	5.0		µg/Kg	1	3/9/2005
o-Xylene	ND	5.0		µg/Kg	1	3/9/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	3/9/2005
Toluene	ND	5.0		µg/Kg	1	3/9/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	3/9/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	3/9/2005
Trichloroethene	ND	5.0		µg/Kg	1	3/9/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	3/9/2005
Vinyl chloride	ND	5.0		µg/Kg	1	3/9/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
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R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PGE5-1.5
Lab Order:	074965		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/4/2005
Lab ID:	074965-006A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
	(EPA 3550B)			**EPA 8081A**		
RunID: GC9_050319A	QC Batch: 21836			PrepDate	3/16/2005	Analyst: **EES**
4,4´-DDD	ND	2.0		µg/Kg	1	3/20/2005
4,4´-DDE	ND	2.0		µg/Kg	1	3/20/2005
4,4´-DDT	2.1	2.0		µg/Kg	1	3/20/2005
Aldrin	ND	1.0		µg/Kg	1	3/20/2005
alpha-BHC	ND	1.0		µg/Kg	1	3/20/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	3/20/2005
beta-BHC	ND	1.0		µg/Kg	1	3/20/2005
Chlordane	ND	8.5		µg/Kg	1	3/20/2005
delta-BHC	ND	1.0		µg/Kg	1	3/20/2005
Dieldrin	ND	2.0		µg/Kg	1	3/20/2005
Endosulfan I	ND	1.0		µg/Kg	1	3/20/2005
Endosulfan II	ND	2.0		µg/Kg	1	3/20/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	3/20/2005
Endrin	ND	2.0		µg/Kg	1	3/20/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	3/20/2005
Endrin ketone	ND	2.0		µg/Kg	1	3/20/2005
gamma-BHC	ND	1.0		µg/Kg	1	3/20/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	3/20/2005
Heptachlor	ND	1.0		µg/Kg	1	3/20/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	3/20/2005
Methoxychlor	ND	8.5		µg/Kg	1	3/20/2005
Toxaphene	ND	85		µg/Kg	1	3/20/2005
PCB BY GC/ECD						
	(EPA 3550B)			**EPA 8082**		
RunID: GC10_050317A	QC Batch: 21836			PrepDate	3/16/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	3/17/2005
Aroclor 1221	ND	33		µg/Kg	1	3/17/2005
Aroclor 1232	ND	16		µg/Kg	1	3/17/2005
Aroclor 1242	ND	16		µg/Kg	1	3/17/2005
Aroclor 1248	ND	16		µg/Kg	1	3/17/2005
Aroclor 1254	ND	16		µg/Kg	1	3/17/2005
Aroclor 1260	19	16		µg/Kg	1	3/17/2005
Aroclor 1262	ND	16		µg/Kg	1	3/17/2005
Aroclor 1268	ND	16		µg/Kg	1	3/17/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PGE5-3
Lab Order:	074965		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/4/2005
Lab ID:	074965-007A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050321B	QC Batch: 21864			PrepDate	3/17/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	3/21/2005
Arsenic	ND	1.0		mg/Kg	1	3/21/2005
Barium	49	1.0		mg/Kg	1	3/21/2005
Beryllium	ND	1.0		mg/Kg	1	3/21/2005
Cadmium	ND	1.0		mg/Kg	1	3/21/2005
Chromium	14	1.0		mg/Kg	1	3/21/2005
Cobalt	6.5	1.0		mg/Kg	1	3/21/2005
Copper	11	1.0		mg/Kg	1	3/21/2005
Lead	110	1.0		mg/Kg	1	3/21/2005
Molybdenum	2.8	1.0		mg/Kg	1	3/21/2005
Nickel	17	1.0		mg/Kg	1	3/21/2005
Selenium	2.6	1.0		mg/Kg	1	3/21/2005
Silver	ND	1.0		mg/Kg	1	3/21/2005
Thallium	ND	1.0		mg/Kg	1	3/21/2005
Vanadium	14	1.0		mg/Kg	1	3/21/2005
Zinc	43	1.0		mg/Kg	1	3/21/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050322B	QC Batch: 21873			PrepDate	3/18/2005	Analyst: **CBR**
Diesel	40	2.0		mg/Kg	1	3/22/2005
Motor Oil	93	2.0		mg/Kg	1	3/22/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050309B	QC Batch: D05VS057			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	3/10/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050318A	QC Batch: 21851			PrepDate	3/17/2005	Analyst: **JT**
Mercury	0.21	0.10		mg/Kg	1	3/18/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PGE5-3
Lab Order:	074965		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/4/2005
Lab ID:	074965-007A	**Matrix:**	SOIL

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS3_050309A QC Batch: R05VS058 PrepDate Analyst: **JPC**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	3/9/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	3/9/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	3/9/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	3/9/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	3/9/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	3/9/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	3/9/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	3/9/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	3/9/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	3/9/2005
Benzene	ND	5.0		µg/Kg	1	3/9/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	3/9/2005
Bromoform	ND	5.0		µg/Kg	1	3/9/2005
Bromomethane	ND	5.0		µg/Kg	1	3/9/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	3/9/2005
Chlorobenzene	ND	5.0		µg/Kg	1	3/9/2005
Chloroethane	ND	5.0		µg/Kg	1	3/9/2005
Chloroform	ND	5.0		µg/Kg	1	3/9/2005
Chloromethane	ND	5.0		µg/Kg	1	3/9/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	3/9/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	3/9/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	3/9/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	3/9/2005
Ethylbenzene	ND	5.0		µg/Kg	1	3/9/2005
m,p-Xylene	ND	5.0		µg/Kg	1	3/9/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	3/9/2005
Methylene chloride	ND	5.0		µg/Kg	1	3/9/2005
o-Xylene	ND	5.0		µg/Kg	1	3/9/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	3/9/2005
Toluene	ND	5.0		µg/Kg	1	3/9/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	3/9/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	3/9/2005
Trichloroethene	ND	5.0		µg/Kg	1	3/9/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	3/9/2005
Vinyl chloride	ND	5.0		µg/Kg	1	3/9/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PGE5-3
Lab Order:	074965		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/4/2005
Lab ID:	074965-007A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
(EPA 3550B)				**EPA 8081A**		
RunID: GC9_050319A	QC Batch: 21836			PrepDate	3/16/2005	Analyst: **EES**
4,4´-DDD	ND	2.0		µg/Kg	1	3/20/2005
4,4´-DDE	ND	2.0		µg/Kg	1	3/20/2005
4,4´-DDT	4.1	2.0		µg/Kg	1	3/20/2005
Aldrin	ND	1.0		µg/Kg	1	3/20/2005
alpha-BHC	ND	1.0		µg/Kg	1	3/20/2005
alpha-Chlordane	ND	1.0		µg/Kg	1	3/20/2005
beta-BHC	ND	1.0		µg/Kg	1	3/20/2005
Chlordane	ND	8.5		µg/Kg	1	3/20/2005
delta-BHC	ND	1.0		µg/Kg	1	3/20/2005
Dieldrin	ND	2.0		µg/Kg	1	3/20/2005
Endosulfan I	ND	1.0		µg/Kg	1	3/20/2005
Endosulfan II	ND	2.0		µg/Kg	1	3/20/2005
Endosulfan sulfate	ND	2.0		µg/Kg	1	3/20/2005
Endrin	ND	2.0		µg/Kg	1	3/20/2005
Endrin aldehyde	ND	2.0		µg/Kg	1	3/20/2005
Endrin ketone	ND	2.0		µg/Kg	1	3/20/2005
gamma-BHC	ND	1.0		µg/Kg	1	3/20/2005
gamma-Chlordane	ND	1.0		µg/Kg	1	3/20/2005
Heptachlor	ND	1.0		µg/Kg	1	3/20/2005
Heptachlor epoxide	ND	1.0		µg/Kg	1	3/20/2005
Methoxychlor	ND	8.5		µg/Kg	1	3/20/2005
Toxaphene	ND	85		µg/Kg	1	3/20/2005
PCB BY GC/ECD						
(EPA 3550B)				**EPA 8082**		
RunID: GC10_050317A	QC Batch: 21836			PrepDate	3/16/2005	Analyst: **EES**
Aroclor 1016	ND	16		µg/Kg	1	3/17/2005
Aroclor 1221	ND	33		µg/Kg	1	3/17/2005
Aroclor 1232	ND	16		µg/Kg	1	3/17/2005
Aroclor 1242	ND	16		µg/Kg	1	3/17/2005
Aroclor 1248	ND	16		µg/Kg	1	3/17/2005
Aroclor 1254	64	16		µg/Kg	1	3/17/2005
Aroclor 1260	32	16		µg/Kg	1	3/17/2005
Aroclor 1262	ND	16		µg/Kg	1	3/17/2005
Aroclor 1268	ND	16		µg/Kg	1	3/17/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PGE5-4.5
Lab Order:	074965		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/4/2005
Lab ID:	074965-008A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3050B)			**EPA 6010B**		
RunID: ICP5_050321B	QC Batch: 21864			PrepDate	3/17/2005	Analyst: **RQ**
Antimony	ND	1.0		mg/Kg	1	3/21/2005
Arsenic	ND	1.0		mg/Kg	1	3/21/2005
Barium	54	1.0		mg/Kg	1	3/21/2005
Beryllium	ND	1.0		mg/Kg	1	3/21/2005
Cadmium	ND	1.0		mg/Kg	1	3/21/2005
Chromium	16	1.0		mg/Kg	1	3/21/2005
Cobalt	6.8	1.0		mg/Kg	1	3/21/2005
Copper	9.1	1.0		mg/Kg	1	3/21/2005
Lead	30	1.0		mg/Kg	1	3/21/2005
Molybdenum	3.2	1.0		mg/Kg	1	3/21/2005
Nickel	17	1.0		mg/Kg	1	3/21/2005
Selenium	4.1	1.0		mg/Kg	1	3/21/2005
Silver	ND	1.0		mg/Kg	1	3/21/2005
Thallium	ND	1.0		mg/Kg	1	3/21/2005
Vanadium	16	1.0		mg/Kg	1	3/21/2005
Zinc	33	1.0		mg/Kg	1	3/21/2005
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	(EPA 3550B)			**EPA 8015B(M)**		
RunID: GC8_050322B	QC Batch: 21873			PrepDate	3/18/2005	Analyst: **CBR**
Diesel	31	1.0		mg/Kg	1	3/22/2005
Motor Oil	70	1.0		mg/Kg	1	3/22/2005
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC1_050309B	QC Batch: D05VS057			PrepDate		Analyst: **CGM**
GRO	ND	1.0		mg/Kg	1	3/10/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7471)			**EPA 7471A**		
RunID: AA1_050318A	QC Batch: 21851			PrepDate	3/17/2005	Analyst: **JT**
Mercury	0.45	0.10		mg/Kg	1	3/18/2005

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- DO - Surrogate Diluted Out
- S - Spike/Surrogate outside of limits due to matrix interfere
- H - Sample exceeded analytical holding time
- E - Value above quantitation range
- R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PGE5-4.5
Lab Order:	074965		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/4/2005
Lab ID:	074965-008A	**Matrix:**	SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GCMS				**EPA 8260B**		
RunID: MS3_050309A	QC Batch:	R05VS058		PrepDate		Analyst: **JPC**
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1	3/9/2005
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1	3/9/2005
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1	3/9/2005
1,1-Dichloroethane	ND	5.0		µg/Kg	1	3/9/2005
1,1-Dichloroethene	ND	5.0		µg/Kg	1	3/9/2005
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1	3/9/2005
1,2-Dichloroethane	ND	5.0		µg/Kg	1	3/9/2005
1,2-Dichloropropane	ND	5.0		µg/Kg	1	3/9/2005
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1	3/9/2005
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1	3/9/2005
Benzene	ND	5.0		µg/Kg	1	3/9/2005
Bromodichloromethane	ND	5.0		µg/Kg	1	3/9/2005
Bromoform	ND	5.0		µg/Kg	1	3/9/2005
Bromomethane	ND	5.0		µg/Kg	1	3/9/2005
Carbon tetrachloride	ND	5.0		µg/Kg	1	3/9/2005
Chlorobenzene	ND	5.0		µg/Kg	1	3/9/2005
Chloroethane	ND	5.0		µg/Kg	1	3/9/2005
Chloroform	ND	5.0		µg/Kg	1	3/9/2005
Chloromethane	ND	5.0		µg/Kg	1	3/9/2005
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1	3/9/2005
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1	3/9/2005
Dibromochloromethane	ND	5.0		µg/Kg	1	3/9/2005
Dichlorodifluoromethane	ND	5.0		µg/Kg	1	3/9/2005
Ethylbenzene	ND	5.0		µg/Kg	1	3/9/2005
m,p-Xylene	ND	5.0		µg/Kg	1	3/9/2005
Methyl tert-butyl ether	ND	5.0		µg/Kg	1	3/9/2005
Methylene chloride	ND	5.0		µg/Kg	1	3/9/2005
o-Xylene	ND	5.0		µg/Kg	1	3/9/2005
Tetrachloroethene	ND	5.0		µg/Kg	1	3/9/2005
Toluene	ND	5.0		µg/Kg	1	3/9/2005
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1	3/9/2005
trans-1,3-Dichloropropene	ND	5.0		µg/Kg	1	3/9/2005
Trichloroethene	ND	5.0		µg/Kg	1	3/9/2005
Trichlorofluoromethane	ND	5.0		µg/Kg	1	3/9/2005
Vinyl chloride	ND	5.0		µg/Kg	1	3/9/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Mar-05*

CLIENT: Geocon Environmental
Work Order: 074965
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **MB-21864A** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **3/17/2005** Run ID: **ICP5_050321B**
Client ID: **ZZZZZ** Batch ID: **21864** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **3/21/2005** SeqNo: **703776**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID **MB-21864B** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **3/17/2005** Run ID: **ICP5_050321B**
Client ID: **ZZZZZ** Batch ID: **21864** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **3/21/2005** SeqNo: **703788**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074965
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **MB-21864B** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **3/17/2005** Run ID: **ICP5_050321B**
Client ID: **ZZZZZ** Batch ID: **21864** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **3/21/2005** SeqNo: **703788**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID **LCS-21864** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **3/17/2005** Run ID: **ICP5_050321B**
Client ID: **ZZZZZ** Batch ID: **21864** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **3/21/2005** SeqNo: **703777**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	47.97	2.0	50	0	95.9	80	120	0	0		
Arsenic	49.19	1.0	50	0	98.4	80	120	0	0		
Barium	49.34	1.0	50	0	98.7	80	120	0	0		
Beryllium	47.26	1.0	50	0	94.5	80	120	0	0		
Cadmium	47.98	1.0	50	0	96	80	120	0	0		
Chromium	48.51	1.0	50	0	97	80	120	0	0		
Cobalt	45.93	1.0	50	0	91.9	80	120	0	0		
Copper	52.13	2.0	50	0	104	80	120	0	0		
Lead	47.72	1.0	50	0	95.4	80	120	0	0		
Molybdenum	50.17	1.0	50	0	100	80	120	0	0		
Nickel	47.77	1.0	50	0	95.5	80	120	0	0		
Selenium	42.52	1.0	50	0	85	80	120	0	0		
Silver	47.15	1.0	50	0	94.3	80	120	0	0		
Thallium	46.81	1.0	50	0	93.6	80	120	0	0		
Vanadium	49.11	1.0	50	0	98.2	80	120	0	0		
Zinc	46.46	1.0	50	0	92.9	80	120	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074965
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074965-005AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **3/17/2005** Run ID: **ICP5_050321B**
Client ID: **PGE5-0** Batch ID: **21864** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **3/21/2005** SeqNo: **703787**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	112.1	1.0	125	0	89.7	23	118	0	0		
Arsenic	119.4	1.0	125	0	95.5	64	111	0	0		
Barium	152.7	1.0	125	37.48	92.2	36	146	0	0		
Beryllium	119.6	1.0	125	0	95.7	50	120	0	0		
Cadmium	117.8	1.0	125	0	94.2	62	107	0	0		
Chromium	125.6	1.0	125	8.929	93.3	63	119	0	0		
Cobalt	121.5	1.0	125	2.317	95.4	63	111	0	0		
Copper	141.4	1.0	125	10.54	105	58	136	0	0		
Lead	129.4	1.0	125	38.29	72.9	47	125	0	0		
Molybdenum	123.7	1.0	125	3.033	96.5	63	116	0	0		
Nickel	133.8	1.0	125	11.34	98	57	116	0	0		
Selenium	108.5	1.0	125	2.638	84.7	47	118	0	0		
Silver	81.68	1.0	125	0	65.3	48	125	0	0		
Thallium	108.6	1.0	125	0	86.9	49	116	0	0		
Vanadium	140.6	1.0	125	8.98	105	65	122	0	0		
Zinc	149.6	1.0	125	49.98	79.7	36	140	0	0		

Sample ID **074965-008AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **3/17/2005** Run ID: **ICP5_050321B**
Client ID: **PGE5-4.5** Batch ID: **21864** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **3/21/2005** SeqNo: **703793**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	96.1	1.0	125	0	76.9	23	118	0	0		
Arsenic	104.6	1.0	125	0	83.7	64	111	0	0		
Barium	144.1	1.0	125	54.13	72	36	146	0	0		
Beryllium	106.9	1.0	125	0	85.5	50	120	0	0		
Cadmium	103.7	1.0	125	0	83	62	107	0	0		
Chromium	118.3	1.0	125	15.52	82.2	63	119	0	0		
Cobalt	107.1	1.0	125	6.845	80.2	63	111	0	0		
Copper	119.9	1.0	125	9.074	88.6	58	136	0	0		
Lead	131.2	1.0	125	29.61	81.3	47	125	0	0		

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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074965
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074965-008AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **3/17/2005** Run ID: **ICP5_050321B**
Client ID: **PGE5-4.5** Batch ID: **21864** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **3/21/2005** SeqNo: **703793**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	110.3	1.0	125	3.164	85.7	63	116	0	0		
Nickel	120	1.0	125	17.25	82.2	57	116	0	0		
Selenium	96.89	1.0	125	4.142	74.2	47	118	0	0		
Silver	73.26	1.0	125	0	58.6	48	125	0	0		
Thallium	94.47	1.0	125	0	75.6	49	116	0	0		
Vanadium	123	1.0	125	16.19	85.4	65	122	0	0		
Zinc	132	1.0	125	33.46	78.8	36	140	0	0		

Sample ID **074965-008AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **3/17/2005** Run ID: **ICP5_050321B**
Client ID: **PGE5-4.5** Batch ID: **21864** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **3/21/2005** SeqNo: **703794**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	76.21	1.0	125	0	61	23	118	96.1	23.1	20	R
Arsenic	86.23	1.0	125	0	69	64	111	104.6	19.3	20	
Barium	122.7	1.0	125	54.13	54.8	36	146	144.1	16.1	20	
Beryllium	86.76	1.0	125	0	69.4	50	120	106.9	20.8	20	R
Cadmium	90.91	1.0	125	0	72.7	62	107	103.7	13.2	20	
Chromium	96.05	1.0	125	15.52	64.4	63	119	118.3	20.8	20	R
Cobalt	88.17	1.0	125	6.845	65.1	63	111	107.1	19.4	20	
Copper	97.34	1.0	125	9.074	70.6	58	136	119.9	20.7	20	R
Lead	122.9	1.0	125	29.61	74.7	47	125	131.2	6.55	20	
Molybdenum	90.37	1.0	125	3.164	69.8	63	116	110.3	19.9	20	
Nickel	96.74	1.0	125	17.25	63.6	57	116	120	21.5	20	R
Selenium	85.44	1.0	125	4.142	65	47	118	96.89	12.6	20	
Silver	68.19	1.0	125	0	54.6	48	125	73.26	7.16	20	
Thallium	84.48	1.0	125	0	67.6	49	116	94.47	11.2	20	
Vanadium	100.6	1.0	125	16.19	67.5	65	122	123	20.0	20	R
Zinc	109.6	1.0	125	33.46	60.9	36	140	132	18.6	20	

Qualifiers:
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Calculations are based on raw values
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CLIENT: Geocon Environmental
Work Order: 074965
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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID **074965-005ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **3/17/2005** Run ID: **ICP5_050321B**
Client ID: **PGE5-0** Batch ID: **21864** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **3/21/2005** SeqNo: **703786**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	0	0	20	
Arsenic	ND	1.0	0	0	0	0	0	0	0	20	
Barium	33.82	1.0	0	0	0	0	0	37.48	10.3	20	
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	ND	1.0	0	0	0	0	0	0	0	20	
Chromium	5.552	1.0	0	0	0	0	0	8.929	46.6	20	R
Cobalt	1.707	1.0	0	0	0	0	0	2.317	30.3	20	R
Copper	8.128	1.0	0	0	0	0	0	10.54	25.9	20	R
Lead	17.19	1.0	0	0	0	0	0	38.29	76.1	20	R
Molybdenum	3.089	1.0	0	0	0	0	0	3.033	1.84	20	
Nickel	8.955	1.0	0	0	0	0	0	11.34	23.5	20	R
Selenium	2.041	1.0	0	0	0	0	0	2.638	25.5	20	R
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	
Vanadium	5.632	1.0	0	0	0	0	0	8.98	45.8	20	R
Zinc	59.19	1.0	0	0	0	0	0	49.98	16.9	20	

Sample ID **074965-008ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **3/17/2005** Run ID: **ICP5_050321B**
Client ID: **PGE5-4.5** Batch ID: **21864** TestNo: **EPA 6010B** **(EPA 3050B)** Analysis Date: **3/21/2005** SeqNo: **703792**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	1.0	0	0	0	0	0	0	0	20	
Arsenic	ND	1.0	0	0	0	0	0	0	0	20	
Barium	23.8	1.0	0	0	0	0	0	54.13	77.8	20	R
Beryllium	ND	1.0	0	0	0	0	0	0	0	20	
Cadmium	ND	1.0	0	0	0	0	0	0	0	20	
Chromium	8.376	1.0	0	0	0	0	0	15.52	59.8	20	R
Cobalt	4.192	1.0	0	0	0	0	0	6.845	48.1	20	R
Copper	5.432	1.0	0	0	0	0	0	9.074	50.2	20	R
Lead	14.58	1.0	0	0	0	0	0	29.61	68.1	20	R

Qualifiers:
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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Work Order: 074965
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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID	074965-008ADUP	SampType:	DUP	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	3/17/2005	Run ID:	ICP5_050321B
Client ID:	PGE5-4.5	Batch ID:	21864	TestNo:	EPA 6010B		(EPA 3050B)	Analysis Date:	3/21/2005	SeqNo:	703792

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	1.99	1.0	0	0	0	0	0	3.164	45.6	20	R
Nickel	10.44	1.0	0	0	0	0	0	17.25	49.2	20	R
Selenium	ND	1.0	0	0	0	0	0	4.142	0	20	
Silver	ND	1.0	0	0	0	0	0	0	0	20	
Thallium	ND	1.0	0	0	0	0	0	0	0	20	
Vanadium	9.416	1.0	0	0	0	0	0	16.19	52.9	20	R
Zinc	20.71	1.0	0	0	0	0	0	33.46	47.1	20	R

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Work Order: 074965
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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID **MB-21781A** SampType: **MBLK** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **3/14/2005** Run ID: **ICP5_050316H**
Client ID: **ZZZZZ** Batch ID: **21781** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **3/16/2005** SeqNo: **701076**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID **LCS-21781** SampType: **LCS** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **3/14/2005** Run ID: **ICP5_050316H**
Client ID: **ZZZZZ** Batch ID: **21781** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **3/16/2005** SeqNo: **701077**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	225.9	5.0	250	0	90.4	80	120	0	0		

Sample ID **074965-004AMS** SampType: **MS** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **3/14/2005** Run ID: **ICP5_050316H**
Client ID: **MW1-4** Batch ID: **21781** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **3/16/2005** SeqNo: **701083**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	181.9	5.0	250	1.168	72.3	47	125	0	0		

Sample ID **074965-004ADUP** SampType: **DUP** TestCode: **6010_SPB** Units: **mg/Kg** Prep Date: **3/14/2005** Run ID: **ICP5_050316H**
Client ID: **MW1-4** Batch ID: **21781** TestNo: **EPA 6010B** **(EPA 3050M)** Analysis Date: **3/16/2005** SeqNo: **701082**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0	0	0	0	1.168	0	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21851A	MBLK	7471_S	mg/Kg	3/17/2005	AA1_050318A
Client ID: ZZZZZ	Batch ID: 21851	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 3/18/2005	SeqNo: 701518

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21851B	MBLK	7471_S	mg/Kg	3/17/2005	AA1_050318A
Client ID: ZZZZZ	Batch ID: 21851	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 3/18/2005	SeqNo: 701519

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21851	LCS	7471_S	mg/Kg	3/17/2005	AA1_050318A
Client ID: ZZZZZ	Batch ID: 21851	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 3/18/2005	SeqNo: 701517

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.974	0.10	2.08	0	94.9	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
075037-042AMS	MS	7471_S	mg/Kg	3/17/2005	AA1_050318A
Client ID: ZZZZZ	Batch ID: 21851	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 3/18/2005	SeqNo: 701515

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.456	0.10	0.83	1.104	42.4	62	146	0	0		S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
075037-041AMS	MS	7471_S	mg/Kg	3/17/2005	AA1_050318A
Client ID: ZZZZZ	Batch ID: 21851	TestNo: EPA 7471A	(EPA 7471)	Analysis Date: 3/18/2005	SeqNo: 701844

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.049	0.10	0.83	0.05238	120	62	146	0	0		

Qualifiers:
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DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID	075037-042AMSD	SampType:	MSD	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	3/17/2005	Run ID:	AA1_050318A
Client ID:	ZZZZZ	Batch ID:	21851	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	3/18/2005	SeqNo:	701516

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.43	0.10	0.83	1.104	39.3	62	146	1.456	1.77	30	S

Sample ID	075037-042ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	3/17/2005	Run ID:	AA1_050318A
Client ID:	ZZZZZ	Batch ID:	21851	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	3/18/2005	SeqNo:	701514

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.6275	0.10	0	0	0	0	0	1.104	55.0	30	R

Sample ID	075037-041ADUP	SampType:	DUP	TestCode:	7471_S	Units:	mg/Kg	Prep Date:	3/17/2005	Run ID:	AA1_050318A
Client ID:	ZZZZZ	Batch ID:	21851	TestNo:	EPA 7471A	(EPA 7471)		Analysis Date:	3/18/2005	SeqNo:	701843

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10	0	0	0	0	0	0.05238	0	30	

Qualifiers:
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID **MB-21873** SampType: **MBLK** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **3/18/2005** Run ID: **GC8_050322B**
Client ID: **ZZZZZ** Batch ID: **21873** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **3/22/2005** SeqNo: **706579**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0									
Motor Oil	ND	1.0									

Sample ID **LCS-21873** SampType: **LCS** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **3/18/2005** Run ID: **GC8_050322B**
Client ID: **ZZZZZ** Batch ID: **21873** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **3/22/2005** SeqNo: **706580**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	33.21	1.0	33	0	101	44	123	0	0		

Sample ID **075035-007AMS** SampType: **MS** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **3/18/2005** Run ID: **GC8_050322B**
Client ID: **ZZZZZ** Batch ID: **21873** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **3/22/2005** SeqNo: **706581**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	30.87	1.0	33	0.9359	90.7	26	106	0	0		

Sample ID **075035-007AMSD** SampType: **MSD** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **3/18/2005** Run ID: **GC8_050322B**
Client ID: **ZZZZZ** Batch ID: **21873** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **3/22/2005** SeqNo: **706582**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	27.74	1.0	33	0.9359	81.2	26	106	30.87	10.7	0	

Sample ID **075035-007ADUP** SampType: **DUP** TestCode: **8015_S_DM** Units: **mg/Kg** Prep Date: **3/18/2005** Run ID: **GC8_050322B**
Client ID: **ZZZZZ** Batch ID: **21873** TestNo: **EPA 8015B(M (EPA 3550B)** Analysis Date: **3/22/2005** SeqNo: **706583**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	5.503	1.0	0	0	0	0	0	0.9359	142	30	R
Motor Oil	12.61	1.0	0	0	0	0	0	1.808	150	30	R

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_GAS

Sample ID **D030905MB2** SampType: **MBLK** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050309B**
Client ID: **ZZZZZ** Batch ID: **D05VS057** TestNo: **EPA 8015B(M** Analysis Date: **3/9/2005** SeqNo: **695598**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									

Sample ID **D030905LC4** SampType: **LCS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050309B**
Client ID: **ZZZZZ** Batch ID: **D05VS057** TestNo: **EPA 8015B(M** Analysis Date: **3/10/2005** SeqNo: **695612**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.554	1.0	5	0	91.1	75	120	0	0		

Sample ID **074940-069AMS** SampType: **MS** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050309B**
Client ID: **ZZZZZ** Batch ID: **D05VS057** TestNo: **EPA 8015B(M** Analysis Date: **3/10/2005** SeqNo: **695610**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.964	1.0	5	0	79.3	33	139	0	0		

Sample ID **074940-069AMSD** SampType: **MSD** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050309B**
Client ID: **ZZZZZ** Batch ID: **D05VS057** TestNo: **EPA 8015B(M** Analysis Date: **3/10/2005** SeqNo: **695611**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.967	1.0	5	0	79.3	33	139	3.964	0.0757	30	

Sample ID **074940-069ADUP** SampType: **DUP** TestCode: **8015_S_GAS** Units: **mg/Kg** Prep Date: Run ID: **GC1_050309B**
Client ID: **ZZZZZ** Batch ID: **D05VS057** TestNo: **EPA 8015B(M** Analysis Date: **3/10/2005** SeqNo: **695607**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Qualifiers:
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **R050309MB1** SampType: **MBLK** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050309A**
Client ID: **ZZZZZ** Batch ID: **R05VS058** TestNo: **EPA 8260B** Analysis Date: **3/9/2005** SeqNo: **695044**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
Benzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
m,p-Xylene	ND	5.0									
Methyl tert-butyl ether	ND	5.0									
Methylene chloride	ND	5.0									
o-Xylene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **R050309MB1** SampType: **MBLK** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050309A**
Client ID: **ZZZZZ** Batch ID: **R05VS058** TestNo: **EPA 8260B** Analysis Date: **3/9/2005** SeqNo: **695044**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	5.0									
trans-1,3-Dichloropropene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									

Sample ID **R050309LC1** SampType: **LCS** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050309A**
Client ID: **ZZZZZ** Batch ID: **R05VS058** TestNo: **EPA 8260B** Analysis Date: **3/9/2005** SeqNo: **695041**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	100.7	5.0	100	0	101	70	130	0	0		
Benzene	105.7	5.0	100	0	106	70	130	0	0		
Chlorobenzene	108.1	5.0	100	0	108	70	130	0	0		
Methyl tert-butyl ether	105.1	5.0	100	0	105	70	130	0	0		
Toluene	104.8	5.0	100	0	105	70	130	0	0		
Trichloroethene	108.6	5.0	100	0	109	70	130	0	0		

Sample ID **074965-006AMS** SampType: **MS** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050309A**
Client ID: **PGE5-1.5** Batch ID: **R05VS058** TestNo: **EPA 8260B** Analysis Date: **3/9/2005** SeqNo: **695042**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	93.59	5.0	100	0	93.6	70	130	0	0		
Benzene	101.9	5.0	100	0	102	70	130	0	0		
Chlorobenzene	97.86	5.0	100	0	97.9	70	130	0	0		
Toluene	98.03	5.0	100	0	98	70	130	0	0		
Trichloroethene	105.6	5.0	100	0	106	70	130	0	0		

Qualifiers:
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **074965-006AMSD** SampType: **MSD** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050309A**
Client ID: **PGE5-1.5** Batch ID: **R05VS058** TestNo: **EPA 8260B** Analysis Date: **3/9/2005** SeqNo: **695043**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	96.33	5.0	100	0	96.3	70	130	93.59	2.89	26	
Benzene	108.6	5.0	100	0	109	70	130	101.9	6.42	18	
Chlorobenzene	99.4	5.0	100	0	99.4	70	130	97.86	1.56	22	
Toluene	103.7	5.0	100	0	104	70	130	98.03	5.61	21	
Trichloroethene	114.2	5.0	100	0	114	70	130	105.6	7.85	20	

Sample ID **074965-006ADUP** SampType: **DUP** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050309A**
Client ID: **PGE5-1.5** Batch ID: **R05VS058** TestNo: **EPA 8260B** Analysis Date: **3/9/2005** SeqNo: **695046**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	
Bromoform	ND	5.0	0	0	0	0	0	0	0	30	
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30	
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30	
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30	
Chloroform	ND	5.0	0	0	0	0	0	0	0	30	
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30	
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers:
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_S_GCMS

Sample ID **074965-006ADUP** SampType: **DUP** TestCode: **8021_S_GCM** Units: **µg/Kg** Prep Date: Run ID: **MS3_050309A**
Client ID: **PGE5-1.5** Batch ID: **R05VS058** TestNo: **EPA 8260B** Analysis Date: **3/9/2005** SeqNo: **695046**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30	
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30	
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30	
Methyl tert-butyl ether	ND	5.0	0	0	0	0	0	0	0	30	
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30	
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30	
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30	
Toluene	ND	5.0	0	0	0	0	0	0	0	30	
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
trans-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30	
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers:
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **MB-21836** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **3/16/2005** Run ID: **GC5_050317A**
Client ID: **ZZZZZ** Batch ID: **21836** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **3/17/2005** SeqNo: **702080**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0									
4,4´-DDE	ND	2.0									
4,4´-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID **MB-21836** SampType: **MBLK** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **3/16/2005** Run ID: **GC9_050319A**
Client ID: **ZZZZZ** Batch ID: **21836** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **3/20/2005** SeqNo: **703718**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0									
4,4´-DDE	ND	2.0									
4,4´-DDT	ND	2.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID	MB-21836	SampType:	MBLK	TestCode:	8081_S	Units:	µg/Kg	Prep Date:	3/16/2005	Run ID:	GC9_050319A
Client ID:	ZZZZZ	Batch ID:	21836	TestNo:	EPA 8081A	(EPA 3550B)		Analysis Date:	3/20/2005	SeqNo:	703718

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID	MB-21836	SampType:	MBLK	TestCode:	8081_S	Units:	µg/Kg	Prep Date:	3/16/2005	Run ID:	GC5_050317A
Client ID:	ZZZZZ	Batch ID:	21836	TestNo:	EPA 8081A	(EPA 3550B)		Analysis Date:	3/22/2005	SeqNo:	705060

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	2.0									
4,4´-DDE	ND	2.0									
4,4´-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 074965
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID	MB-21836	SampType:	MBLK	TestCode:	8081_S	Units:	µg/Kg	Prep Date:	3/16/2005	Run ID:	GC5_050317A
Client ID:	ZZZZZ	Batch ID:	21836	TestNo:	EPA 8081A	(EPA 3550B)		Analysis Date:	3/22/2005	SeqNo:	705060

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									

Sample ID	LCS-21836	SampType:	LCS	TestCode:	8081_S	Units:	µg/Kg	Prep Date:	3/16/2005	Run ID:	GC5_050317A
Client ID:	ZZZZZ	Batch ID:	21836	TestNo:	EPA 8081A	(EPA 3550B)		Analysis Date:	3/17/2005	SeqNo:	702081

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	22.1	2.0	16.65	0	133	66	136	0	0		
Aldrin	21.33	1.0	16.65	0	128	85	134	0	0		
Dieldrin	20.63	2.0	16.65	0	124	82	128	0	0		
Endrin	22.2	2.0	16.65	0	133	77	139	0	0		
gamma-BHC	22.62	1.0	16.65	0	136	82	139	0	0		
Heptachlor	21.58	1.0	16.65	0	130	68	152	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074965
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **LCS-21836** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **3/16/2005** Run ID: **GC9_050319A**
Client ID: **ZZZZZ** Batch ID: **21836** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **3/20/2005** SeqNo: **703719**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	22.62	2.0	16.65	0	136	66	136	0	0		
Aldrin	22.14	1.0	16.65	0	133	85	134	0	0		
Dieldrin	21.24	2.0	16.65	0	128	82	128	0	0		
Endrin	22.66	2.0	16.65	0	136	77	139	0	0		
gamma-BHC	22.7	1.0	16.65	0	136	82	139	0	0		
Heptachlor	22.62	1.0	16.65	0	136	68	152	0	0		

Sample ID **LCS-21836** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **3/16/2005** Run ID: **GC5_050317A**
Client ID: **ZZZZZ** Batch ID: **21836** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **3/22/2005** SeqNo: **705061**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	18.64	2.0	16.65	0	112	66	136	0	0		
Aldrin	18.95	1.0	16.65	0	114	85	134	0	0		
Dieldrin	18.67	2.0	16.65	0	112	82	128	0	0		
Endrin	19.74	2.0	16.65	0	119	77	139	0	0		
gamma-BHC	20.76	1.0	16.65	0	125	82	139	0	0		
Heptachlor	19.13	1.0	16.65	0	115	68	152	0	0		

Sample ID **075045-052AMS** SampType: **MS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **3/16/2005** Run ID: **GC9_050319A**
Client ID: **ZZZZZ** Batch ID: **21836** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **3/20/2005** SeqNo: **703720**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	22.3	2.0	16.65	0	134	48	150	0	0		
Aldrin	20.11	1.0	16.65	0	121	78	136	0	0		
Dieldrin	19.94	2.0	16.65	0	120	72	136	0	0		
Endrin	23.21	2.0	16.65	0	139	74	150	0	0		
gamma-BHC	20.52	1.0	16.65	0	123	76	138	0	0		
Heptachlor	20.97	1.0	16.65	0	126	71	149	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074965
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **075045-052AMSD** SampType: **MSD** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **3/16/2005** Run ID: **GC9_050319A**
Client ID: **ZZZZZ** Batch ID: **21836** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **3/20/2005** SeqNo: **703721**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	22.52	2.0	16.65	0	135	48	150	22.3	0.997	30	
Aldrin	20.6	1.0	16.65	0	124	78	136	20.11	2.40	30	
Dieldrin	20.36	2.0	16.65	0	122	72	136	19.94	2.07	30	
Endrin	23.78	2.0	16.65	0	143	74	150	23.21	2.43	30	
gamma-BHC	21.06	1.0	16.65	0	126	76	138	20.52	2.59	30	
Heptachlor	21.51	1.0	16.65	0	129	71	149	20.97	2.54	30	

Sample ID **075037-031ADUP** SampType: **DUP** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **3/16/2005** Run ID: **GC9_050319A**
Client ID: **ZZZZZ** Batch ID: **21836** TestNo: **EPA 8081A** **(EPA 3550B)** Analysis Date: **3/20/2005** SeqNo: **703733**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	2.0	0	0	0	0	0	0	0	30	
4,4'-DDE	ND	2.0	0	0	0	0	0	0	0	30	
4,4'-DDT	ND	2.0	0	0	0	0	0	0	0	30	
Aldrin	ND	1.0	0	0	0	0	0	0	0	30	
alpha-BHC	ND	1.0	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	1.0	0	0	0	0	0	0	0	30	
beta-BHC	ND	1.0	0	0	0	0	0	0	0	30	
Chlordane	ND	8.5	0	0	0	0	0	0	0	30	
delta-BHC	ND	1.0	0	0	0	0	0	0	0	30	
Dieldrin	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan I	ND	1.0	0	0	0	0	0	0	0	30	
Endosulfan II	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	2.0	0	0	0	0	0	0	0	30	
Endrin	ND	2.0	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	2.0	0	0	0	0	0	0	0	30	
Endrin ketone	ND	2.0	0	0	0	0	0	0	0	30	
gamma-BHC	ND	1.0	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	1.0	0	0	0	0	0	0	0	30	
Heptachlor	ND	1.0	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074965
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID	075037-031ADUP	SampType:	DUP	TestCode:	8081_S	Units:	µg/Kg	Prep Date:	3/16/2005	Run ID:	GC9_050319A
Client ID:	ZZZZZ	Batch ID:	21836	TestNo:	EPA 8081A		(EPA 3550B)	Analysis Date:	3/20/2005	SeqNo:	703733

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Heptachlor epoxide	ND	1.0	0	0	0	0	0	0	0	30	
Methoxychlor	ND	8.5	0	0	0	0	0	0	0	30	
Toxaphene	ND	85	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 074965
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **MB-21836** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **3/16/2005** Run ID: **GC10_050317A**
Client ID: **ZZZZZ** Batch ID: **21836** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **3/17/2005** SeqNo: **700601**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									

Sample ID **LCSA-21836** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **3/16/2005** Run ID: **GC10_050317A**
Client ID: **ZZZZZ** Batch ID: **21836** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **3/17/2005** SeqNo: **700602**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	164.6	16	166.6	0	98.8	67	120	0	0		
Aroclor 1260	189.5	16	166.6	0	114	76	127	0	0		

Sample ID **075037-031AMSA** SampType: **MS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **3/16/2005** Run ID: **GC10_050317A**
Client ID: **ZZZZZ** Batch ID: **21836** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **3/17/2005** SeqNo: **700604**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	165.2	16	166.6	0	99.1	71	123	0	0		
Aroclor 1260	196.9	16	166.6	0	118	72	122	0	0		

Sample ID **075037-031AMSDA** SampType: **MSD** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **3/16/2005** Run ID: **GC10_050317A**
Client ID: **ZZZZZ** Batch ID: **21836** TestNo: **EPA 8082** **(EPA 3550B)** Analysis Date: **3/17/2005** SeqNo: **700605**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	169.9	16	166.6	0	102	71	123	165.2	2.82	30	
Aroclor 1260	200.1	16	166.6	0	120	72	122	196.9	1.59	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:
Logged By: bb Date: 3/7

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GS

Sample Condition Upon Receipt
1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☐ N☑

Client: GEOCON
Attn: MATT HANKO
Address: 2356 RESEARCH DRIVE
City LIVERMORE State CA Zip Code 94550
TEL: (925) 371-5900
FAX: (") " 5915

Project Name: STBB West Approach Oakland Touchdown
Project #: E8220-06-04
Sampler: (Printed Name) Matt Hanko (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] Date: 3-4-05 Time: 5:30pm
Received by: (Signature and Printed Name) GSO Date: 3-4-05 Time: 5:30pm
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To: Attn: SEE Co: CLIENT Address City State Zip

Bill To: Attn: SEE Co: CLIENT Address City State Zip

Special Instructions/Comments: *Use 8260 analysis for AHVOCs and report only the 8021 listed chemicals

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / ~~BTEX~~	8015B (DRO) + TPH mo	LEAD by GOID	AHVOCs by ~~[illegible]~~	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	074965-001	MW1-1	3/4									X		X				E	1	T M	C	
	-002	MW1-2										X		X								
	-003	MW1-3										X		X								
	-004	MW1-4										X		X								
	-005	PGE5-0			X	X			X		X			X						T P		
	-006	PGE5-1.5			X	X			X	X	X		X	X								
	-007	PGE5-3			X	X			X	X	X		X	X								
	-008	PGE5-4.5							X	X	X		X	X								

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

April 05, 2005

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Matt Hanko
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5590
FAX: (925) 371-5915

RECEIVED
APR 15 2005
By

Workorder No.: 074965

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on March 05, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *05-Apr-05*

CLIENT: Geocon Consultants, Inc.
Project: SFOBB West Approach Oakland Touchdown, E

Lab Order: 074965

Lab ID: 074965-006 **Collection Date:** 3/4/2005
Client Sample ID: PGE5-1.5 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
			WET/ EPA 6010B			
RunID: ICP6_050401D	QC Batch: R48542			PrepDate		Analyst: **RQ**
Lead	3.3	1.0		mg/L	20	4/1/2005

Lab ID: 074965-007 **Collection Date:** 3/4/2005
Client Sample ID: PGE5-3 **Matrix:** SOIL

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS BY STLC						
			WET/ EPA 6010B			
RunID: ICP6_050401D	QC Batch: R48542			PrepDate		Analyst: **RQ**
Lead	4.4	1.0		mg/L	20	4/1/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H-Sample exceding holding time

Results are wet unless othewise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *05-Apr-05*

CLIENT: Geocon Consultants, Inc.
Work Order: 074965
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_ST

Sample ID **MB-22090A** SampType: **MBLK** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401D**
Client ID: **ZZZZZ** Batch ID: **R48542** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **711685**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.050									

Sample ID **LCS-22090** SampType: **LCS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401D**
Client ID: **ZZZZZ** Batch ID: **R48542** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **711686**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.8997	0.050	1	0	90	85	115	0	0		

Sample ID **074965-006AMS** SampType: **MS** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401D**
Client ID: **PGE5-1.5** Batch ID: **R48542** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **711816**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.132	1.0	2.5	3.294	73.5	67	120	0	0		

Sample ID **074965-006ADUP** SampType: **DUP** TestCode: **6010_ST** Units: **mg/L** Prep Date: Run ID: **ICP6_050401D**
Client ID: **PGE5-1.5** Batch ID: **R48542** TestNo: **WET/ EPA 60** Analysis Date: **4/1/2005** SeqNo: **711815**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.247	1.0	0	0	0	0	0	3.294	1.43	20	

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Tuesday, March 29, 2005 11:14 AM
To: Galvan, Diane
Subject: Additional Analysis

Diane:

RE: Lab Project No. 74965

Please run the WET analysis for lead on the following samples:

PGE5-1.5 (sample No. 006)
PGE5-3 (sample No. 007)

Thank you,

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

March 29, 2005

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Matt Hanko
Geocon Environmental
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5590
FAX: (925) 371-5915

RECEIVED
APR 12 2005
By

Workorder No.: 075171

RE: SFOBB West Approach Oakland Touchdown,

Attention: Matt Hanko

Enclosed are the results for sample(s) received on March 16, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Project: SFOBB West Approach Oakland Touchdown, E
Lab Order: 075171

CASE NARRATIVE

Analytical Comments for Method 8015 (Diesel)

Sample 075171-002D contains hydrocarbons within the diesel range that do not match the diesel pattern. Quantitation was based on a diesel standard.

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 10:30:00 AM
Lab ID:	075171-001A	**Matrix:**	GROUND WATER

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS11_050318A QC Batch: A05VW073 PrepDate Analyst: **MFR**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	0.50		µg/L	1	3/18/2005
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	3/18/2005
1,1,2-Trichloroethane	ND	0.50		µg/L	1	3/18/2005
1,1-Dichloroethane	ND	0.50		µg/L	1	3/18/2005
1,1-Dichloroethene	ND	0.50		µg/L	1	3/18/2005
1,2-Dichlorobenzene	ND	0.50		µg/L	1	3/18/2005
1,2-Dichloroethane	ND	0.50		µg/L	1	3/18/2005
1,2-Dichloropropane	ND	0.50		µg/L	1	3/18/2005
1,3-Dichlorobenzene	ND	0.50		µg/L	1	3/18/2005
1,4-Dichlorobenzene	ND	0.50		µg/L	1	3/18/2005
Benzene	ND	0.50		µg/L	1	3/18/2005
Bromodichloromethane	ND	0.50		µg/L	1	3/18/2005
Bromoform	ND	1.0		µg/L	1	3/18/2005
Bromomethane	ND	1.0		µg/L	1	3/18/2005
Carbon tetrachloride	ND	0.50		µg/L	1	3/18/2005
Chlorobenzene	ND	0.50		µg/L	1	3/18/2005
Chloroethane	ND	1.0		µg/L	1	3/18/2005
Chloroform	ND	1.0		µg/L	1	3/18/2005
Chloromethane	ND	0.50		µg/L	1	3/18/2005
cis-1,2-Dichloroethene	ND	1.0		µg/L	1	3/18/2005
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	3/18/2005
Dibromochloromethane	ND	0.50		µg/L	1	3/18/2005
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/18/2005
Ethylbenzene	ND	0.50		µg/L	1	3/18/2005
m,p-Xylene	ND	1.0		µg/L	1	3/18/2005
Methylene chloride	ND	0.50		µg/L	1	3/18/2005
MTBE	ND	0.50		µg/L	1	3/18/2005
o-Xylene	ND	0.50		µg/L	1	3/18/2005
Tetrachloroethene	ND	0.50		µg/L	1	3/18/2005
Toluene	ND	0.50		µg/L	1	3/18/2005
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	3/18/2005
trans-1,3-Dichloropropene	ND	0.50		µg/L	1	3/18/2005
Trichloroethene	ND	0.50		µg/L	1	3/18/2005
Trichlorofluoromethane	ND	0.50		µg/L	1	3/18/2005
Vinyl chloride	ND	1.0		µg/L	1	3/18/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 10:30:00 AM
Lab ID:	075171-001B	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC6_050316A	QC Batch: I05VW056			PrepDate		Analyst: **JPC**
GRO	ND	0.050		mg/L	1	3/16/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 10:30:00 AM
Lab ID:	075171-001C	**Matrix:**	GROUND WATER

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 3510C) **EPA 8270C**

RunID: MS7_050317A QC Batch: 21852 PrepDate 3/17/2005 Analyst: **JWS**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,2,4-Trichlorobenzene	ND	10		µg/L	1	3/17/2005
1,2-Dichlorobenzene	ND	10		µg/L	1	3/17/2005
1,3-Dichlorobenzene	ND	10		µg/L	1	3/17/2005
1,4-Dichlorobenzene	ND	10		µg/L	1	3/17/2005
2,4,5-Trichlorophenol	ND	10		µg/L	1	3/17/2005
2,4,6-Trichlorophenol	ND	10		µg/L	1	3/17/2005
2,4-Dichlorophenol	ND	10		µg/L	1	3/17/2005
2,4-Dimethylphenol	ND	10		µg/L	1	3/17/2005
2,4-Dinitrophenol	ND	50		µg/L	1	3/17/2005
2,4-Dinitrotoluene	ND	10		µg/L	1	3/17/2005
2,6-Dinitrotoluene	ND	10		µg/L	1	3/17/2005
2-Chloronaphthalene	ND	10		µg/L	1	3/17/2005
2-Chlorophenol	ND	10		µg/L	1	3/17/2005
2-Methylnaphthalene	ND	10		µg/L	1	3/17/2005
2-Nitroaniline	ND	50		µg/L	1	3/17/2005
2-Nitrophenol	ND	10		µg/L	1	3/17/2005
3,3´-Dichlorobenzidine	ND	20		µg/L	1	3/17/2005
3-Nitroaniline	ND	50		µg/L	1	3/17/2005
4,6-Dinitro-2-methylphenol	ND	50		µg/L	1	3/17/2005
4-Bromophenyl-phenylether	ND	10		µg/L	1	3/17/2005
4-Chloro-3-methylphenol	ND	50		µg/L	1	3/17/2005
4-Chloroaniline	ND	20		µg/L	1	3/17/2005
4-Chlorophenyl-phenylether	ND	10		µg/L	1	3/17/2005
4-Nitroaniline	ND	20		µg/L	1	3/17/2005
4-Nitrophenol	ND	50		µg/L	1	3/17/2005
Acenaphthene	ND	10		µg/L	1	3/17/2005
Acenaphthylene	ND	10		µg/L	1	3/17/2005
Anthracene	ND	10		µg/L	1	3/17/2005
Benzidine (M)	ND	50		µg/L	1	3/17/2005
Benzo(a)anthracene	ND	10		µg/L	1	3/17/2005
Benzo(a)pyrene	ND	10		µg/L	1	3/17/2005
Benzo(b)fluoranthene	ND	10		µg/L	1	3/17/2005
Benzo(g,h,i)perylene	ND	10		µg/L	1	3/17/2005
Benzo(k)fluoranthene	ND	10		µg/L	1	3/17/2005
Benzoic acid	ND	50		µg/L	1	3/17/2005
Benzyl alcohol	ND	20		µg/L	1	3/17/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 10:30:00 AM
Lab ID:	075171-001C	**Matrix:**	GROUND WATER

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS
(EPA 3510C) **EPA 8270C**

RunID: MS7_050317A QC Batch: 21852 PrepDate 3/17/2005 Analyst: **JWS**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	3/17/2005
Bis(2-chloroethyl)ether	ND	10		µg/L	1	3/17/2005
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	3/17/2005
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	3/17/2005
Butylbenzylphthalate	ND	10		µg/L	1	3/17/2005
Chrysene	ND	10		µg/L	1	3/17/2005
Di-n-butylphthalate	ND	10		µg/L	1	3/17/2005
Di-n-octylphthalate	ND	10		µg/L	1	3/17/2005
Dibenz(a,h)anthracene	ND	10		µg/L	1	3/17/2005
Dibenzofuran	ND	10		µg/L	1	3/17/2005
Diethylphthalate	ND	10		µg/L	1	3/17/2005
Dimethylphthalate	ND	10		µg/L	1	3/17/2005
Fluoranthene	ND	10		µg/L	1	3/17/2005
Fluorene	ND	10		µg/L	1	3/17/2005
Hexachlorobenzene	ND	10		µg/L	1	3/17/2005
Hexachlorobutadiene	ND	20		µg/L	1	3/17/2005
Hexachlorocyclopentadiene	ND	10		µg/L	1	3/17/2005
Hexachloroethane	ND	10		µg/L	1	3/17/2005
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	3/17/2005
Isophorone	ND	10		µg/L	1	3/17/2005
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	3/17/2005
N-Nitrosodiphenylamine	ND	10		µg/L	1	3/17/2005
Naphthalene	ND	10		µg/L	1	3/17/2005
Nitrobenzene	ND	10		µg/L	1	3/17/2005
Pentachlorophenol	ND	50		µg/L	1	3/17/2005
Phenanthrene	ND	10		µg/L	1	3/17/2005
Phenol	ND	10		µg/L	1	3/17/2005
Pyrene	ND	10		µg/L	1	3/17/2005
2-Methylphenol	ND	10		µg/L	1	3/17/2005
4-Methylphenol	ND	10		µg/L	1	3/17/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 10:30:00 AM
Lab ID:	075171-001D	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS BY GC/FID (EPA 3510C) EPA 8015B(M)						
RunID: GC7_050318A QC Batch: 21869 PrepDate 3/17/2005 Analyst: **CBR**						
Diesel	ND	0.050		mg/L	1	3/18/2005

Qualifiers:

ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
DO - Surrogate Diluted Out	R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 10:30:00 AM
Lab ID:	075171-001E	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
OIL & GREASE						
	(EPA 1664 _HEM)			**EPA 1664 _HEM**		
RunID: WETCHEM2_050318A	QC Batch: 21877			PrepDate	3/18/2005	Analyst: **MFP**
Oil & Grease	ND	4.2		mg/L	1	3/18/2005
TOTAL PETROLEUM HYDROCARBONS						
	(EPA 1664_SGT/HEM)			**EPA 1664_SGT/HEM**		
RunID: WETCHEM2_050318B	QC Batch: 21878			PrepDate	3/18/2005	Analyst: **MFP**
Total Petroleum Hydrocarbons	ND	2.1		mg/L	1	3/18/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 10:30:00 AM
Lab ID:	075171-001F	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3010A)			**EPA 6010B**		
RunID: ICP6_050318D	QC Batch: 21848			PrepDate	3/16/2005	Analyst: **RQ**
Antimony	ND	0.025		mg/L	5	3/18/2005
Arsenic	ND	0.050		mg/L	5	3/18/2005
Barium	0.047	0.015		mg/L	5	3/18/2005
Beryllium	ND	0.015		mg/L	5	3/18/2005
Cadmium	ND	0.015		mg/L	5	3/18/2005
Chromium	ND	0.015		mg/L	5	3/18/2005
Cobalt	ND	0.015		mg/L	5	3/18/2005
Copper	ND	0.025		mg/L	5	3/18/2005
Lead	ND	0.025		mg/L	5	3/18/2005
Molybdenum	ND	0.025		mg/L	5	3/18/2005
Nickel	ND	0.025		mg/L	5	3/18/2005
Selenium	ND	0.050		mg/L	5	3/18/2005
Silver	ND	0.015		mg/L	5	3/18/2005
Thallium	ND	0.075		mg/L	5	3/18/2005
Vanadium	0.020	0.015		mg/L	5	3/18/2005
Zinc	ND	0.050		mg/L	5	3/18/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7470)			**EPA 7470A**		
RunID: AA1_050317C	QC Batch: 21856			PrepDate	3/17/2005	Analyst: **JT**
Mercury	ND	0.20		µg/L	1	3/17/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 10:30:00 AM
Lab ID:	075171-001G	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON						
			EPA 415.1			
RunID: TOC2_050317A	QC Batch: R47917			PrepDate		Analyst: **JT**
Organic Carbon, Total	5.8	3.0		mg/L	1	3/17/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 10:30:00 AM
Lab ID:	075171-001H	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE IN WATER						
				EPA 160.1		
RunID: WETCHEM_050317B	QC Batch: R47907			PrepDate	3/16/2005	Analyst: **EG**
Total Dissolved Solids (Residue, Filterable)	1200	10		mg/L	1	3/17/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 10:30:00 AM
Lab ID:	075171-001I	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL						
				EPA 335.2		
RunID: WETCHEM3_050318A	QC Batch: R47918			PrepDate	3/17/2005	Analyst: **MJM**
Cyanide	ND	0.010		mg/L	1	3/18/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 10:30:00 AM
Lab ID:	075171-001J	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
SULFIDE, DISSOLVED						
				EPA 376.2		
RunID: WETCHEM3_050317A	QC Batch: R47900			PrepDate		Analyst: **MJM**
Sulfide	0.084	0.050		mg/L	1	3/17/2005

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1 High
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 3:30:00 PM
Lab ID:	075171-002A	**Matrix:**	GROUND WATER

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS11_050318A QC Batch: A05VW073 PrepDate Analyst: **MFR**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	0.50		µg/L	1	3/18/2005
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	3/18/2005
1,1,2-Trichloroethane	ND	0.50		µg/L	1	3/18/2005
1,1-Dichloroethane	ND	0.50		µg/L	1	3/18/2005
1,1-Dichloroethene	ND	0.50		µg/L	1	3/18/2005
1,2-Dichlorobenzene	ND	0.50		µg/L	1	3/18/2005
1,2-Dichloroethane	ND	0.50		µg/L	1	3/18/2005
1,2-Dichloropropane	ND	0.50		µg/L	1	3/18/2005
1,3-Dichlorobenzene	ND	0.50		µg/L	1	3/18/2005
1,4-Dichlorobenzene	ND	0.50		µg/L	1	3/18/2005
Benzene	ND	0.50		µg/L	1	3/18/2005
Bromodichloromethane	ND	0.50		µg/L	1	3/18/2005
Bromoform	ND	1.0		µg/L	1	3/18/2005
Bromomethane	ND	1.0		µg/L	1	3/18/2005
Carbon tetrachloride	ND	0.50		µg/L	1	3/18/2005
Chlorobenzene	ND	0.50		µg/L	1	3/18/2005
Chloroethane	ND	1.0		µg/L	1	3/18/2005
Chloroform	ND	1.0		µg/L	1	3/18/2005
Chloromethane	ND	0.50		µg/L	1	3/18/2005
cis-1,2-Dichloroethene	ND	1.0		µg/L	1	3/18/2005
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	3/18/2005
Dibromochloromethane	ND	0.50		µg/L	1	3/18/2005
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/18/2005
Ethylbenzene	ND	0.50		µg/L	1	3/18/2005
m,p-Xylene	ND	1.0		µg/L	1	3/18/2005
Methylene chloride	ND	0.50		µg/L	1	3/18/2005
MTBE	ND	0.50		µg/L	1	3/18/2005
o-Xylene	ND	0.50		µg/L	1	3/18/2005
Tetrachloroethene	ND	0.50		µg/L	1	3/18/2005
Toluene	ND	0.50		µg/L	1	3/18/2005
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	3/18/2005
trans-1,3-Dichloropropene	ND	0.50		µg/L	1	3/18/2005
Trichloroethene	ND	0.50		µg/L	1	3/18/2005
Trichlorofluoromethane	ND	0.50		µg/L	1	3/18/2005
Vinyl chloride	ND	1.0		µg/L	1	3/18/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1 High
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 3:30:00 PM
Lab ID:	075171-002B	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
			EPA 8015B(M)			
RunID: GC6_050316A	QC Batch: I05VW056			PrepDate		Analyst: **JPC**
GRO	ND	0.050		mg/L	1	3/16/2005

Qualifiers:

ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interfere
J - Analyte detected below quantitation limits	H - Sample exceeded analytical holding time
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
DO - Surrogate Diluted Out	R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1 High
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 3:30:00 PM
Lab ID:	075171-002C	**Matrix:**	GROUND WATER

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS
(EPA 3510C) **EPA 8270C**

RunID: MS7_050317A QC Batch: 21852 PrepDate 3/17/2005 Analyst: **JWS**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,2,4-Trichlorobenzene	ND	10		µg/L	1	3/17/2005
1,2-Dichlorobenzene	ND	10		µg/L	1	3/17/2005
1,3-Dichlorobenzene	ND	10		µg/L	1	3/17/2005
1,4-Dichlorobenzene	ND	10		µg/L	1	3/17/2005
2,4,5-Trichlorophenol	ND	10		µg/L	1	3/17/2005
2,4,6-Trichlorophenol	ND	10		µg/L	1	3/17/2005
2,4-Dichlorophenol	ND	10		µg/L	1	3/17/2005
2,4-Dimethylphenol	ND	10		µg/L	1	3/17/2005
2,4-Dinitrophenol	ND	50		µg/L	1	3/17/2005
2,4-Dinitrotoluene	ND	10		µg/L	1	3/17/2005
2,6-Dinitrotoluene	ND	10		µg/L	1	3/17/2005
2-Chloronaphthalene	ND	10		µg/L	1	3/17/2005
2-Chlorophenol	ND	10		µg/L	1	3/17/2005
2-Methylnaphthalene	ND	10		µg/L	1	3/17/2005
2-Nitroaniline	ND	50		µg/L	1	3/17/2005
2-Nitrophenol	ND	10		µg/L	1	3/17/2005
3,3'-Dichlorobenzidine	ND	20		µg/L	1	3/17/2005
3-Nitroaniline	ND	50		µg/L	1	3/17/2005
4,6-Dinitro-2-methylphenol	ND	50		µg/L	1	3/17/2005
4-Bromophenyl-phenylether	ND	10		µg/L	1	3/17/2005
4-Chloro-3-methylphenol	ND	50		µg/L	1	3/17/2005
4-Chloroaniline	ND	20		µg/L	1	3/17/2005
4-Chlorophenyl-phenylether	ND	10		µg/L	1	3/17/2005
4-Nitroaniline	ND	20		µg/L	1	3/17/2005
4-Nitrophenol	ND	50		µg/L	1	3/17/2005
Acenaphthene	ND	10		µg/L	1	3/17/2005
Acenaphthylene	ND	10		µg/L	1	3/17/2005
Anthracene	ND	10		µg/L	1	3/17/2005
Benzidine (M)	ND	50		µg/L	1	3/17/2005
Benzo(a)anthracene	ND	10		µg/L	1	3/17/2005
Benzo(a)pyrene	ND	10		µg/L	1	3/17/2005
Benzo(b)fluoranthene	ND	10		µg/L	1	3/17/2005
Benzo(g,h,i)perylene	ND	10		µg/L	1	3/17/2005
Benzo(k)fluoranthene	ND	10		µg/L	1	3/17/2005
Benzoic acid	ND	50		µg/L	1	3/17/2005
Benzyl alcohol	ND	20		µg/L	1	3/17/2005

Qualifiers:

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H - Sample exceeded analytical holding time
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R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1 High
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 3:30:00 PM
Lab ID:	075171-002C	**Matrix:**	GROUND WATER

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 3510C) **EPA 8270C**

RunID: MS7_050317A QC Batch: 21852 PrepDate 3/17/2005 Analyst: **JWS**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	3/17/2005
Bis(2-chloroethyl)ether	ND	10		µg/L	1	3/17/2005
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	3/17/2005
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	3/17/2005
Butylbenzylphthalate	ND	10		µg/L	1	3/17/2005
Chrysene	ND	10		µg/L	1	3/17/2005
Di-n-butylphthalate	ND	10		µg/L	1	3/17/2005
Di-n-octylphthalate	ND	10		µg/L	1	3/17/2005
Dibenz(a,h)anthracene	ND	10		µg/L	1	3/17/2005
Dibenzofuran	ND	10		µg/L	1	3/17/2005
Diethylphthalate	ND	10		µg/L	1	3/17/2005
Dimethylphthalate	ND	10		µg/L	1	3/17/2005
Fluoranthene	ND	10		µg/L	1	3/17/2005
Fluorene	ND	10		µg/L	1	3/17/2005
Hexachlorobenzene	ND	10		µg/L	1	3/17/2005
Hexachlorobutadiene	ND	20		µg/L	1	3/17/2005
Hexachlorocyclopentadiene	ND	10		µg/L	1	3/17/2005
Hexachloroethane	ND	10		µg/L	1	3/17/2005
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	3/17/2005
Isophorone	ND	10		µg/L	1	3/17/2005
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	3/17/2005
N-Nitrosodiphenylamine	ND	10		µg/L	1	3/17/2005
Naphthalene	ND	10		µg/L	1	3/17/2005
Nitrobenzene	ND	10		µg/L	1	3/17/2005
Pentachlorophenol	ND	50		µg/L	1	3/17/2005
Phenanthrene	ND	10		µg/L	1	3/17/2005
Phenol	ND	10		µg/L	1	3/17/2005
Pyrene	ND	10		µg/L	1	3/17/2005
2-Methylphenol	ND	10		µg/L	1	3/17/2005
4-Methylphenol	ND	10		µg/L	1	3/17/2005

Qualifiers:

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S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1 High
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 3:30:00 PM
Lab ID:	075171-002D	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS BY GC/FID						
(EPA 3510C)				**EPA 8015B(M)**		
RunID: GC7_050318A	QC Batch: 21869			PrepDate	3/17/2005	Analyst: **CBR**
Diesel	0.054	0.050		mg/L	1	3/18/2005

Qualifiers:

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DO - Surrogate Diluted Out
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H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1 High
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 3:30:00 PM
Lab ID:	075171-002E	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
OIL & GREASE						
(EPA 1664 _HEM)			**EPA 1664 _HEM**			
RunID: WETCHEM2_050318A	QC Batch: 21877			PrepDate	3/18/2005	Analyst: **MFP**
Oil & Grease	ND	4.3		mg/L	1	3/18/2005
TOTAL PETROLEUM HYDROCARBONS						
(EPA 1664_SGT/HEM)			**EPA 1664_SGT/HEM**			
RunID: WETCHEM2_050318B	QC Batch: 21878			PrepDate	3/18/2005	Analyst: **MFP**
Total Petroleum Hydrocarbons	ND	2.2		mg/L	1	3/18/2005

Qualifiers:

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DO - Surrogate Diluted Out
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Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1 High
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 3:30:00 PM
Lab ID:	075171-002F	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3010A)			**EPA 6010B**		
RunID: ICP6_050318D	QC Batch: 21848			PrepDate	3/16/2005	Analyst: **RQ**
Antimony	ND	0.025		mg/L	5	3/18/2005
Arsenic	ND	0.050		mg/L	5	3/18/2005
Barium	0.18	0.015		mg/L	5	3/18/2005
Beryllium	ND	0.015		mg/L	5	3/18/2005
Cadmium	ND	0.015		mg/L	5	3/18/2005
Chromium	0.10	0.015		mg/L	5	3/18/2005
Cobalt	ND	0.015		mg/L	5	3/18/2005
Copper	ND	0.025		mg/L	5	3/18/2005
Lead	ND	0.025		mg/L	5	3/18/2005
Molybdenum	ND	0.025		mg/L	5	3/18/2005
Nickel	0.080	0.025		mg/L	5	3/18/2005
Selenium	ND	0.050		mg/L	5	3/18/2005
Silver	ND	0.015		mg/L	5	3/18/2005
Thallium	ND	0.075		mg/L	5	3/18/2005
Vanadium	0.076	0.015		mg/L	5	3/18/2005
Zinc	0.078	0.050		mg/L	5	3/18/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7470)			**EPA 7470A**		
RunID: AA1_050317C	QC Batch: 21856			PrepDate	3/17/2005	Analyst: **JT**
Mercury	ND	0.20		µg/L	1	3/17/2005

Qualifiers:

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H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1 High
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 3:30:00 PM
Lab ID:	075171-002G	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON						
				EPA 415.1		
RunID: TOC2_050317A	QC Batch: R47917			PrepDate		Analyst: **JT**
Organic Carbon, Total	5.6	3.0		mg/L	1	3/17/2005

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1 High
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 3:30:00 PM
Lab ID:	075171-002H	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE IN WATER						
				EPA 160.1		
RunID: WETCHEM_050317B	QC Batch: R47907			PrepDate	3/16/2005	Analyst: **EG**
Total Dissolved Solids (Residue, Filterable)	900	10		mg/L	1	3/17/2005

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
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R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1 High
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 3:30:00 PM
Lab ID:	075171-002I	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL						
			EPA 335.2			
RunID: WETCHEM3_050318A	QC Batch: R47918			PrepDate	3/17/2005	Analyst: **MJM**
Cyanide	ND	0.010		mg/L	1	3/18/2005

Qualifiers:

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DO - Surrogate Diluted Out
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H - Sample exceeded analytical holding time
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Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MW-1 High
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	3/14/2005 3:30:00 PM
Lab ID:	075171-002J	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
SULFIDE, DISSOLVED						
				EPA 376.2		
RunID: WETCHEM3_050317A	QC Batch: R47900			PrepDate		Analyst: **MJM**
Sulfide	0.17	0.050		mg/L	1	3/17/2005

Qualifiers:

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DO - Surrogate Diluted Out
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H - Sample exceeded analytical holding time
E - Value above quantitation range
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Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *29-Mar-05*

CLIENT:	Geocon Environmental	**Client Sample ID:**	Trip Blank
Lab Order:	075171		
Project:	SFOBB West Approach Oakland Touchdown, E	**Collection Date:**	
Lab ID:	075171-003A	**Matrix:**	WATER

VOLATILE ORGANIC COMPOUNDS BY GCMS

EPA 8260B

RunID: MS11_050318A QC Batch: A05VW073 PrepDate Analyst: **MFR**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1-Trichloroethane	ND	0.50		µg/L	1	3/18/2005
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	3/18/2005
1,1,2-Trichloroethane	ND	0.50		µg/L	1	3/18/2005
1,1-Dichloroethane	ND	0.50		µg/L	1	3/18/2005
1,1-Dichloroethene	ND	0.50		µg/L	1	3/18/2005
1,2-Dichlorobenzene	ND	0.50		µg/L	1	3/18/2005
1,2-Dichloroethane	ND	0.50		µg/L	1	3/18/2005
1,2-Dichloropropane	ND	0.50		µg/L	1	3/18/2005
1,3-Dichlorobenzene	ND	0.50		µg/L	1	3/18/2005
1,4-Dichlorobenzene	ND	0.50		µg/L	1	3/18/2005
Benzene	ND	0.50		µg/L	1	3/18/2005
Bromodichloromethane	ND	0.50		µg/L	1	3/18/2005
Bromoform	ND	1.0		µg/L	1	3/18/2005
Bromomethane	ND	1.0		µg/L	1	3/18/2005
Carbon tetrachloride	ND	0.50		µg/L	1	3/18/2005
Chlorobenzene	ND	0.50		µg/L	1	3/18/2005
Chloroethane	ND	1.0		µg/L	1	3/18/2005
Chloroform	ND	1.0		µg/L	1	3/18/2005
Chloromethane	ND	0.50		µg/L	1	3/18/2005
cis-1,2-Dichloroethene	ND	1.0		µg/L	1	3/18/2005
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	3/18/2005
Dibromochloromethane	ND	0.50		µg/L	1	3/18/2005
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/18/2005
Ethylbenzene	ND	0.50		µg/L	1	3/18/2005
m,p-Xylene	ND	1.0		µg/L	1	3/18/2005
Methylene chloride	ND	0.50		µg/L	1	3/18/2005
MTBE	ND	0.50		µg/L	1	3/18/2005
o-Xylene	ND	0.50		µg/L	1	3/18/2005
Tetrachloroethene	ND	0.50		µg/L	1	3/18/2005
Toluene	ND	0.50		µg/L	1	3/18/2005
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	3/18/2005
trans-1,3-Dichloropropene	ND	0.50		µg/L	1	3/18/2005
Trichloroethene	ND	0.50		µg/L	1	3/18/2005
Trichlorofluoromethane	ND	0.50		µg/L	1	3/18/2005
Vinyl chloride	ND	1.0		µg/L	1	3/18/2005

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R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 075171
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 160.1_W

Sample ID **MB-R47907** SampType: **MBLK** TestCode: **160.1_W** Units: **mg/L** Prep Date: **3/16/2005** Run ID: **WETCHEM_050317B**
Client ID: **ZZZZZ** Batch ID: **R47907** TestNo: **EPA 160.1** Analysis Date: **3/17/2005** SeqNo: **701374**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	ND	10									

Sample ID **075088-001ADUP** SampType: **DUP** TestCode: **160.1_W** Units: **mg/L** Prep Date: **3/16/2005** Run ID: **WETCHEM_050317B**
Client ID: **ZZZZZ** Batch ID: **R47907** TestNo: **EPA 160.1** Analysis Date: **3/17/2005** SeqNo: **701376**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	1506	10	0	0	0	0	0	1528	1.45	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 075171
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 1664_HEM_W

Sample ID **MB-21877** SampType: **MBLK** TestCode: **1664_HEM_** Units: **mg/L** Prep Date: **3/18/2005** Run ID: **WETCHEM2_050318A**
Client ID: **ZZZZZ** Batch ID: **21877** TestNo: **EPA 1664 _H (EPA 1664 _H** Analysis Date: **3/18/2005** SeqNo: **702021**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	ND	4.0									

Sample ID **LCS-21877** SampType: **LCS** TestCode: **1664_HEM_** Units: **mg/L** Prep Date: **3/18/2005** Run ID: **WETCHEM2_050318A**
Client ID: **ZZZZZ** Batch ID: **21877** TestNo: **EPA 1664 _H (EPA 1664 _H** Analysis Date: **3/18/2005** SeqNo: **702020**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	38.6	4.0	40	0	96.5	80	120	0	0		

Sample ID **MB-21877MS** SampType: **MS** TestCode: **1664_HEM_** Units: **mg/L** Prep Date: **3/18/2005** Run ID: **WETCHEM2_050318A**
Client ID: **ZZZZZ** Batch ID: **21877** TestNo: **EPA 1664 _H (EPA 1664 _H** Analysis Date: **3/18/2005** SeqNo: **702022**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	38	4.0	40	0	95	80	120	0	0		

Sample ID **MB-21877MSD** SampType: **MSD** TestCode: **1664_HEM_** Units: **mg/L** Prep Date: **3/18/2005** Run ID: **WETCHEM2_050318A**
Client ID: **ZZZZZ** Batch ID: **21877** TestNo: **EPA 1664 _H (EPA 1664 _H** Analysis Date: **3/18/2005** SeqNo: **702023**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	39.1	4.0	40	0	97.8	80	120	38	2.85	20	

Qualifiers:
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R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 075171
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 1664_SGT/HEM_W

Sample ID **MB-21878** SampType: **MBLK** TestCode: **1664_SGT/H** Units: **mg/L** Prep Date: **3/18/2005** Run ID: **WETCHEM2_050318B**
Client ID: **ZZZZZ** Batch ID: **21878** TestNo: **EPA 1664_S (EPA 1664_S** Analysis Date: **3/18/2005** SeqNo: **702077**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	ND	2.0									

Sample ID **LCS-21878** SampType: **LCS** TestCode: **1664_SGT/H** Units: **mg/L** Prep Date: **3/18/2005** Run ID: **WETCHEM2_050318B**
Client ID: **ZZZZZ** Batch ID: **21878** TestNo: **EPA 1664_S (EPA 1664_S** Analysis Date: **3/18/2005** SeqNo: **702076**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	18.3	2.0	20	0	91.5	80	120	0	0		

Sample ID **MB-21878MS** SampType: **MS** TestCode: **1664_SGT/H** Units: **mg/L** Prep Date: **3/18/2005** Run ID: **WETCHEM2_050318B**
Client ID: **ZZZZZ** Batch ID: **21878** TestNo: **EPA 1664_S (EPA 1664_S** Analysis Date: **3/18/2005** SeqNo: **702078**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	18.1	2.0	20	0	90.5	80	120	0	0		

Sample ID **MB-21878MSD** SampType: **MSD** TestCode: **1664_SGT/H** Units: **mg/L** Prep Date: **3/18/2005** Run ID: **WETCHEM2_050318B**
Client ID: **ZZZZZ** Batch ID: **21878** TestNo: **EPA 1664_S (EPA 1664_S** Analysis Date: **3/18/2005** SeqNo: **702079**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	17.9	2.0	20	0	89.5	80	120	18.1	1.11	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 335.2_W

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-R47918	MBLK	335.2_W	mg/L	3/17/2005	WETCHEM3_050318A
Client ID: ZZZZZ	Batch ID: R47918	TestNo: EPA 335.2		Analysis Date: 3/18/2005	SeqNo: 701634

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	ND	0.010									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-R47918	LCS	335.2_W	mg/L	3/17/2005	WETCHEM3_050318A
Client ID: ZZZZZ	Batch ID: R47918	TestNo: EPA 335.2		Analysis Date: 3/18/2005	SeqNo: 701633

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.393	0.010	0.4	0	98.2	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
075090-006EMS	MS	335.2_W	mg/L	3/17/2005	WETCHEM3_050318A
Client ID: ZZZZZ	Batch ID: R47918	TestNo: EPA 335.2		Analysis Date: 3/18/2005	SeqNo: 701639

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.322	0.010	0.4	0.009	78.2	80	120	0	0		S

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
075090-006EMSD	MSD	335.2_W	mg/L	3/17/2005	WETCHEM3_050318A
Client ID: ZZZZZ	Batch ID: R47918	TestNo: EPA 335.2		Analysis Date: 3/18/2005	SeqNo: 701647

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.373	0.010	0.4	0.009	91	80	120	0.322	14.7	20	

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
075172-026CDUP	DUP	335.2_W	mg/L	3/17/2005	WETCHEM3_050318A
Client ID: ZZZZZ	Batch ID: R47918	TestNo: EPA 335.2		Analysis Date: 3/18/2005	SeqNo: 701637

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	ND	0.010	0	0	0	0	0	0	0	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 376.2_W_D

Sample ID **MB-R47900** SampType: **MBLK** TestCode: **376.2_W_D** Units: **mg/L** Prep Date: Run ID: **WETCHEM3_050317A**
Client ID: **ZZZZZ** Batch ID: **R47900** TestNo: **EPA 376.2** Analysis Date: **3/17/2005** SeqNo: **701248**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide	ND	0.050									

Sample ID **LCS-R47900** SampType: **LCS** TestCode: **376.2_W_D** Units: **mg/L** Prep Date: Run ID: **WETCHEM3_050317A**
Client ID: **ZZZZZ** Batch ID: **R47900** TestNo: **EPA 376.2** Analysis Date: **3/17/2005** SeqNo: **701247**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide	0.886	0.050	1	0	88.6	80	120	0	0		

Sample ID **075187-003DMS** SampType: **MS** TestCode: **376.2_W_D** Units: **mg/L** Prep Date: Run ID: **WETCHEM3_050317A**
Client ID: **ZZZZZ** Batch ID: **R47900** TestNo: **EPA 376.2** Analysis Date: **3/17/2005** SeqNo: **701255**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide	1.011	0.050	1	0.023	98.8	70	120	0	0		

Sample ID **075187-003DMSD** SampType: **MSD** TestCode: **376.2_W_D** Units: **mg/L** Prep Date: Run ID: **WETCHEM3_050317A**
Client ID: **ZZZZZ** Batch ID: **R47900** TestNo: **EPA 376.2** Analysis Date: **3/17/2005** SeqNo: **701256**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide	1.04	0.050	1	0.023	102	70	120	1.011	2.83	20	

Sample ID **075172-026GDUP** SampType: **DUP** TestCode: **376.2_W_D** Units: **mg/L** Prep Date: Run ID: **WETCHEM3_050317A**
Client ID: **ZZZZZ** Batch ID: **R47900** TestNo: **EPA 376.2** Analysis Date: **3/17/2005** SeqNo: **701254**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide	ND	0.050	0	0	0	0	0	0.041	0	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 415.1_W

Sample ID **MB-R47917** SampType: **MBLK** TestCode: **415.1_W** Units: **mg/L** Prep Date: Run ID: **TOC2_050317A**
Client ID: **ZZZZZ** Batch ID: **R47917** TestNo: **EPA 415.1** Analysis Date: **3/17/2005** SeqNo: **701579**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	ND	3.0	0	0	0	0	0	0	0		

Sample ID **LCS-R47917** SampType: **LCS** TestCode: **415.1_W** Units: **mg/L** Prep Date: Run ID: **TOC2_050317A**
Client ID: **ZZZZZ** Batch ID: **R47917** TestNo: **EPA 415.1** Analysis Date: **3/17/2005** SeqNo: **701578**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	18.81	3.0	20	0	94.1	80	120	0	0		

Sample ID **MB-R47917MS** SampType: **MS** TestCode: **415.1_W** Units: **mg/L** Prep Date: Run ID: **TOC2_050317A**
Client ID: **ZZZZZ** Batch ID: **R47917** TestNo: **EPA 415.1** Analysis Date: **3/17/2005** SeqNo: **701616**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	19.56	3.0	20	0	97.8	76	125	0	0		

Sample ID **MB-R47917MSD** SampType: **MSD** TestCode: **415.1_W** Units: **mg/L** Prep Date: Run ID: **TOC2_050317A**
Client ID: **ZZZZZ** Batch ID: **R47917** TestNo: **EPA 415.1** Analysis Date: **3/17/2005** SeqNo: **701617**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	19.6	3.0	20	0	98	76	125	19.56	0.204	14	

Sample ID **075194-001ADUP** SampType: **DUP** TestCode: **415.1_W** Units: **mg/L** Prep Date: Run ID: **TOC2_050317A**
Client ID: **ZZZZZ** Batch ID: **R47917** TestNo: **EPA 415.1** Analysis Date: **3/17/2005** SeqNo: **701608**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	ND	3.0	0	0	0	0	0	0.7455	0	14	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID	MB-21848A	SampType:	MBLK	TestCode:	6010_W	Units:	mg/L	Prep Date:	3/16/2005	Run ID:	ICP6_050318D
Client ID:	ZZZZZ	Batch ID:	21848	TestNo:	EPA 6010B	(EPA 3010A)		Analysis Date:	3/18/2005	SeqNo:	701983

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0050									
Arsenic	ND	0.010									
Barium	ND	0.0030									
Beryllium	ND	0.0030									
Cadmium	ND	0.0030									
Chromium	ND	0.0030									
Cobalt	ND	0.0030									
Copper	ND	0.0050									
Lead	ND	0.0050									
Molybdenum	ND	0.0050									
Nickel	ND	0.0050									
Selenium	ND	0.010									
Silver	ND	0.0030									
Thallium	ND	0.015									
Vanadium	ND	0.0030									
Zinc	ND	0.010									

Sample ID	MB-21848B	SampType:	MBLK	TestCode:	6010_W	Units:	mg/L	Prep Date:	3/16/2005	Run ID:	ICP6_050318D
Client ID:	ZZZZZ	Batch ID:	21848	TestNo:	EPA 6010B	(EPA 3010A)		Analysis Date:	3/18/2005	SeqNo:	701990

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0050									
Arsenic	ND	0.010									
Barium	ND	0.0030									
Beryllium	ND	0.0030									
Cadmium	ND	0.0030									
Chromium	ND	0.0030									
Cobalt	ND	0.0030									
Copper	ND	0.0050									
Lead	ND	0.0050									

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID **MB-21848B** SampType: **MBLK** TestCode: **6010_W** Units: **mg/L** Prep Date: **3/16/2005** Run ID: **ICP6_050318D**
Client ID: **ZZZZZ** Batch ID: **21848** TestNo: **EPA 6010B (EPA 3010A)** Analysis Date: **3/18/2005** SeqNo: **701990**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	ND	0.0050									
Nickel	ND	0.0050									
Selenium	ND	0.010									
Silver	ND	0.0030									
Thallium	ND	0.015									
Vanadium	ND	0.0030									
Zinc	ND	0.010									

Sample ID **LCS-21848** SampType: **LCS** TestCode: **6010_W** Units: **mg/L** Prep Date: **3/16/2005** Run ID: **ICP6_050318D**
Client ID: **ZZZZZ** Batch ID: **21848** TestNo: **EPA 6010B (EPA 3010A)** Analysis Date: **3/18/2005** SeqNo: **701984**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.9912	0.0050	1	0	99.1	85	115	0	0		
Arsenic	1.041	0.010	1	0	104	85	115	0	0		
Barium	1.024	0.0030	1	0	102	85	115	0	0		
Beryllium	1.01	0.0030	1	0	101	85	115	0	0		
Cadmium	0.9942	0.0030	1	0	99.4	85	115	0	0		
Chromium	1.017	0.0030	1	0	102	85	115	0	0		
Cobalt	0.9772	0.0030	1	0	97.7	85	115	0	0		
Copper	1.081	0.0050	1	0	108	85	115	0	0		
Lead	1.007	0.0050	1	0	101	85	115	0	0		
Molybdenum	1.026	0.0050	1	0	103	85	115	0	0		
Nickel	1.007	0.0050	1	0	101	85	115	0	0		
Selenium	0.9891	0.010	1	0	98.9	85	115	0	0		
Silver	0.9838	0.0030	1	0	98.4	85	115	0	0		
Thallium	1.024	0.015	1	0	102	85	115	0	0		
Vanadium	1.011	0.0030	1	0	101	85	115	0	0		
Zinc	1.009	0.010	1	0	101	85	115	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID **075171-002FMS** SampType: **MS** TestCode: **6010_W** Units: **mg/L** Prep Date: **3/16/2005** Run ID: **ICP6_050318D**
Client ID: **MW-1 High** Batch ID: **21848** TestNo: **EPA 6010B** **(EPA 3010A)** Analysis Date: **3/18/2005** SeqNo: **701989**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.409	0.025	2.5	0	96.4	67	129	0	0		
Arsenic	2.366	0.050	2.5	0.02942	93.5	73	124	0	0		
Barium	2.569	0.015	2.5	0.1795	95.6	67	127	0	0		
Beryllium	2.394	0.015	2.5	0	95.8	76	122	0	0		
Cadmium	2.381	0.015	2.5	0	95.2	72	116	0	0		
Chromium	2.474	0.015	2.5	0.1017	94.9	72	123	0	0		
Cobalt	2.422	0.015	2.5	0.0145	96.3	72	119	0	0		
Copper	2.401	0.025	2.5	0.02487	95.1	76	133	0	0		
Lead	2.397	0.025	2.5	0	95.9	67	120	0	0		
Molybdenum	2.388	0.025	2.5	0	95.5	76	124	0	0		
Nickel	2.508	0.025	2.5	0.07999	97.1	66	124	0	0		
Selenium	2.393	0.050	2.5	0	95.7	75	121	0	0		
Silver	1.867	0.015	2.5	0	74.7	78	119	0	0		S
Thallium	2.358	0.075	2.5	0	94.3	66	124	0	0		
Vanadium	2.459	0.015	2.5	0.07638	95.3	75	122	0	0		
Zinc	2.511	0.050	2.5	0.078	97.3	72	120	0	0		

Sample ID **075172-029AMS** SampType: **MS** TestCode: **6010_W** Units: **mg/L** Prep Date: **3/16/2005** Run ID: **ICP6_050318D**
Client ID: **ZZZZZ** Batch ID: **21848** TestNo: **EPA 6010B** **(EPA 3010A)** Analysis Date: **3/18/2005** SeqNo: **702002**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.042	0.025	2.5	0	81.7	67	129	0	0		
Arsenic	2.154	0.050	2.5	0	86.2	73	124	0	0		
Barium	2.222	0.015	2.5	0.1505	82.9	67	127	0	0		
Beryllium	2.191	0.015	2.5	0	87.6	76	122	0	0		
Cadmium	2.141	0.015	2.5	0	85.7	72	116	0	0		
Chromium	2.17	0.015	2.5	0	86.8	72	123	0	0		
Cobalt	1.957	0.015	2.5	0	78.3	72	119	0	0		
Copper	2.31	0.025	2.5	0	92.4	76	133	0	0		
Lead	1.95	0.025	2.5	0	78	67	120	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID **075172-029AMS** SampType: **MS** TestCode: **6010_W** Units: **mg/L** Prep Date: **3/16/2005** Run ID: **ICP6_050318D**
Client ID: **ZZZZZ** Batch ID: **21848** TestNo: **EPA 6010B** **(EPA 3010A)** Analysis Date: **3/18/2005** SeqNo: **702002**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	2.141	0.025	2.5	0	85.6	76	124	0	0		
Nickel	2.11	0.025	2.5	0.05341	82.2	66	124	0	0		
Selenium	2.223	0.050	2.5	0.2203	80.1	75	121	0	0		
Silver	1.609	0.015	2.5	0	64.4	78	119	0	0		S
Thallium	1.909	0.075	2.5	0	76.4	66	124	0	0		
Vanadium	2.277	0.015	2.5	0.005244	90.9	75	122	0	0		
Zinc	1.994	0.050	2.5	0	79.7	72	120	0	0		

Sample ID **075172-029AMSD** SampType: **MSD** TestCode: **6010_W** Units: **mg/L** Prep Date: **3/16/2005** Run ID: **ICP6_050318D**
Client ID: **ZZZZZ** Batch ID: **21848** TestNo: **EPA 6010B** **(EPA 3010A)** Analysis Date: **3/18/2005** SeqNo: **702003**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.037	0.025	2.5	0	81.5	67	129	2.042	0.249	20	
Arsenic	2.149	0.050	2.5	0	86	73	124	2.154	0.230	20	
Barium	2.187	0.015	2.5	0.1505	81.5	67	127	2.222	1.59	20	
Beryllium	2.195	0.015	2.5	0	87.8	76	122	2.191	0.208	20	
Cadmium	2.159	0.015	2.5	0	86.4	72	116	2.141	0.827	20	
Chromium	2.134	0.015	2.5	0	85.3	72	123	2.17	1.69	20	
Cobalt	1.973	0.015	2.5	0	78.9	72	119	1.957	0.821	20	
Copper	2.265	0.025	2.5	0	90.6	76	133	2.31	1.98	20	
Lead	1.971	0.025	2.5	0	78.8	67	120	1.95	1.09	20	
Molybdenum	2.164	0.025	2.5	0	86.6	76	124	2.141	1.09	20	
Nickel	2.075	0.025	2.5	0.05341	80.9	66	124	2.11	1.64	20	
Selenium	2.27	0.050	2.5	0.2203	82	75	121	2.223	2.11	20	
Silver	1.577	0.015	2.5	0	63.1	78	119	1.609	2.03	20	S
Thallium	1.901	0.075	2.5	0	76.1	66	124	1.909	0.425	20	
Vanadium	2.237	0.015	2.5	0.005244	89.3	75	122	2.277	1.75	20	
Zinc	2.018	0.050	2.5	0	80.7	72	120	1.994	1.21	20	

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DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 075171
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID **075171-002FDUP** SampType: **DUP** TestCode: **6010_W** Units: **mg/L** Prep Date: **3/16/2005** Run ID: **ICP6_050318D**
Client ID: **MW-1 High** Batch ID: **21848** TestNo: **EPA 6010B (EPA 3010A)** Analysis Date: **3/18/2005** SeqNo: **701988**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.025	0	0	0	0	0	0	0	20	
Arsenic	ND	0.050	0	0	0	0	0	0.02942	0	20	
Barium	0.1051	0.015	0	0	0	0	0	0.1795	52.3	20	R
Beryllium	ND	0.015	0	0	0	0	0	0	0	20	
Cadmium	ND	0.015	0	0	0	0	0	0	0	20	
Chromium	0.04752	0.015	0	0	0	0	0	0.1017	72.7	20	R
Cobalt	ND	0.015	0	0	0	0	0	0.0145	0	20	
Copper	ND	0.025	0	0	0	0	0	0.02487	0	20	
Lead	ND	0.025	0	0	0	0	0	0	0	20	
Molybdenum	ND	0.025	0	0	0	0	0	0	0	20	
Nickel	0.03686	0.025	0	0	0	0	0	0.07999	73.8	20	R
Selenium	ND	0.050	0	0	0	0	0	0	0	20	
Silver	ND	0.015	0	0	0	0	0	0	0	20	
Thallium	ND	0.075	0	0	0	0	0	0	0	20	
Vanadium	0.04194	0.015	0	0	0	0	0	0.07638	58.2	20	R
Zinc	0.05119	0.050	0	0	0	0	0	0.078	41.5	20	R

Sample ID **075172-029ADUP** SampType: **DUP** TestCode: **6010_W** Units: **mg/L** Prep Date: **3/16/2005** Run ID: **ICP6_050318D**
Client ID: **ZZZZZ** Batch ID: **21848** TestNo: **EPA 6010B (EPA 3010A)** Analysis Date: **3/18/2005** SeqNo: **702001**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.025	0	0	0	0	0	0	0	20	
Arsenic	ND	0.050	0	0	0	0	0	0	0	20	
Barium	0.1907	0.015	0	0	0	0	0	0.1505	23.6	20	R
Beryllium	ND	0.015	0	0	0	0	0	0	0	20	
Cadmium	ND	0.015	0	0	0	0	0	0	0	20	
Chromium	0.06362	0.015	0	0	0	0	0	0	200	20	R
Cobalt	ND	0.015	0	0	0	0	0	0	0	20	
Copper	ND	0.025	0	0	0	0	0	0	0	20	
Lead	ND	0.025	0	0	0	0	0	0	0	20	

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DO- Surrogate dilute out
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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID	075172-029ADUP	SampType:	DUP	TestCode:	6010_W	Units:	mg/L	Prep Date:	3/16/2005	Run ID:	ICP6_050318D
Client ID:	ZZZZZ	Batch ID:	21848	TestNo:	EPA 6010B	(EPA 3010A)		Analysis Date:	3/18/2005	SeqNo:	702001

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	ND	0.025	0	0	0	0	0	0	0	20	
Nickel	0.08875	0.025	0	0	0	0	0	0.05341	49.7	20	R
Selenium	0.2283	0.050	0	0	0	0	0	0.2203	3.57	20	
Silver	ND	0.015	0	0	0	0	0	0	0	20	
Thallium	ND	0.075	0	0	0	0	0	0	0	20	
Vanadium	0.0257	0.015	0	0	0	0	0	0.005244	132	20	R
Zinc	0.07454	0.050	0	0	0	0	0	0	200	20	R

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ANALYTICAL QC SUMMARY REPORT

TestCode: 7470_W

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21856A	MBLK	7470_W	µg/L	3/17/2005	AA1_050317C
Client ID: ZZZZZ	Batch ID: 21856	TestNo: EPA 7470A	(EPA 7470)	Analysis Date: 3/17/2005	SeqNo: 701396

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.20									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-21856B	MBLK	7470_W	µg/L	3/17/2005	AA1_050317C
Client ID: ZZZZZ	Batch ID: 21856	TestNo: EPA 7470A	(EPA 7470)	Analysis Date: 3/17/2005	SeqNo: 701397

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.20	0	0	0	0	0	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-21856	LCS	7470_W	µg/L	3/17/2005	AA1_050317C
Client ID: ZZZZZ	Batch ID: 21856	TestNo: EPA 7470A	(EPA 7470)	Analysis Date: 3/17/2005	SeqNo: 701395

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	24.79	0.20	25	0	99.2	85	115	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
075172-023AMS	MS	7470_W	µg/L	3/17/2005	AA1_050317C
Client ID: ZZZZZ	Batch ID: 21856	TestNo: EPA 7470A	(EPA 7470)	Analysis Date: 3/17/2005	SeqNo: 701388

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	25.11	0.20	25	0.08192	100	70	130	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
075172-029AMS	MS	7470_W	µg/L	3/17/2005	AA1_050317C
Client ID: ZZZZZ	Batch ID: 21856	TestNo: EPA 7470A	(EPA 7470)	Analysis Date: 3/17/2005	SeqNo: 701393

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	24.57	0.20	25	0.1652	97.6	70	130	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 7470_W

Sample ID	075172-029AMSD	SampType:	MSD	TestCode:	7470_W	Units:	µg/L	Prep Date:	3/17/2005	Run ID:	AA1_050317C
Client ID:	ZZZZZ	Batch ID:	21856	TestNo:	EPA 7470A		(EPA 7470)	Analysis Date:	3/17/2005	SeqNo:	701394

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	25.01	0.20	25	0.1652	99.4	70	130	24.57	1.79	20	

Sample ID	075172-023ADUP	SampType:	DUP	TestCode:	7470_W	Units:	µg/L	Prep Date:	3/17/2005	Run ID:	AA1_050317C
Client ID:	ZZZZZ	Batch ID:	21856	TestNo:	EPA 7470A		(EPA 7470)	Analysis Date:	3/17/2005	SeqNo:	701387

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.20	0	0	0	0	0	0.08192	0	30	

Sample ID	075172-029ADUP	SampType:	DUP	TestCode:	7470_W	Units:	µg/L	Prep Date:	3/17/2005	Run ID:	AA1_050317C
Client ID:	ZZZZZ	Batch ID:	21856	TestNo:	EPA 7470A		(EPA 7470)	Analysis Date:	3/17/2005	SeqNo:	701392

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.2318	0.20	0	0	0	0	0	0.1652	33.5	30	R

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_DSL LL

Sample ID	MB-21869	SampType:	MBLK	TestCode:	8015_W_DSL	Units:	mg/L	Prep Date:	3/17/2005	Run ID:	GC7_050318A
Client ID:	ZZZZZ	Batch ID:	21869	TestNo:	EPA 8015B(M (EPA 3510C)			Analysis Date:	3/18/2005	SeqNo:	701464

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	0.050									

Sample ID	MB-21869	SampType:	MBLK	TestCode:	8015_W_DSL	Units:	mg/L	Prep Date:	3/17/2005	Run ID:	GC7_BACK_050318A
Client ID:	ZZZZZ	Batch ID:	21869	TestNo:	EPA 8015B(M (EPA 3510C)			Analysis Date:	3/18/2005	SeqNo:	701520

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	0.050									

Sample ID	LCS-21869	SampType:	LCS	TestCode:	8015_W_DSL	Units:	mg/L	Prep Date:	3/17/2005	Run ID:	GC7_050318A
Client ID:	ZZZZZ	Batch ID:	21869	TestNo:	EPA 8015B(M (EPA 3510C)			Analysis Date:	3/18/2005	SeqNo:	701463

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	0.6998	0.050	1	0	70	62	127	0	0		

Sample ID	LCS-21869	SampType:	LCS	TestCode:	8015_W_DSL	Units:	mg/L	Prep Date:	3/17/2005	Run ID:	GC7_BACK_050318A
Client ID:	ZZZZZ	Batch ID:	21869	TestNo:	EPA 8015B(M (EPA 3510C)			Analysis Date:	3/18/2005	SeqNo:	701521

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	0.9602	0.050	1	0	96	62	127	0	0		

Sample ID	MB-21869MS	SampType:	MS	TestCode:	8015_W_DSL	Units:	mg/L	Prep Date:	3/17/2005	Run ID:	GC7_BACK_050318A
Client ID:	ZZZZZ	Batch ID:	21869	TestNo:	EPA 8015B(M (EPA 3510C)			Analysis Date:	3/18/2005	SeqNo:	701522

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	1.061	0.050	1	0	106	50	120	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_DSL LL

Sample ID **MB-21869MSD** SampType: **MSD** TestCode: **8015_W_DSL** Units: **mg/L** Prep Date: **3/17/2005** Run ID: **GC7_BACK_050318A**
Client ID: **ZZZZZ** Batch ID: **21869** TestNo: **EPA 8015B(M (EPA 3510C)** Analysis Date: **3/18/2005** SeqNo: **701523**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	0.9461	0.050	1	0	94.6	50	120	0	0		

Sample ID **075172-021ADUP** SampType: **DUP** TestCode: **8015_W_DSL** Units: **mg/L** Prep Date: **3/17/2005** Run ID: **GC7_BACK_050318A**
Client ID: **ZZZZZ** Batch ID: **21869** TestNo: **EPA 8015B(M (EPA 3510C)** Analysis Date: **3/18/2005** SeqNo: **701524**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	0.050	0	0	0	0	0	0.04369	0	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_GU LL

Sample ID **I031605MB2** SampType: **MBLK** TestCode: **8015_W_GU** Units: **mg/L** Prep Date: Run ID: **GC6_050316A**
Client ID: **ZZZZZ** Batch ID: **I05VW056** TestNo: **EPA 8015B(M** Analysis Date: **3/16/2005** SeqNo: **700509**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.050									

Sample ID **I031605LC1** SampType: **LCS** TestCode: **8015_W_GU** Units: **mg/L** Prep Date: Run ID: **GC6_050316A**
Client ID: **ZZZZZ** Batch ID: **I05VW056** TestNo: **EPA 8015B(M** Analysis Date: **3/16/2005** SeqNo: **700514**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.878	0.050	1	0	87.8	70	115	0	0		

Sample ID **I031605MB1MS** SampType: **MS** TestCode: **8015_W_GU** Units: **mg/L** Prep Date: Run ID: **GC6_050316A**
Client ID: **ZZZZZ** Batch ID: **I05VW056** TestNo: **EPA 8015B(M** Analysis Date: **3/16/2005** SeqNo: **700507**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.838	0.050	1	0	83.8	64	117	0	0		

Sample ID **I031605MB1MSD** SampType: **MSD** TestCode: **8015_W_GU** Units: **mg/L** Prep Date: Run ID: **GC6_050316A**
Client ID: **ZZZZZ** Batch ID: **I05VW056** TestNo: **EPA 8015B(M** Analysis Date: **3/16/2005** SeqNo: **700508**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.848	0.050	1	0	84.8	64	117	0.838	1.19	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_WP_GCMS

Sample ID **A031805MB3** SampType: **MBLK** TestCode: **8021_WP_G** Units: **µg/L** Prep Date: Run ID: **MS11_050318A**
Client ID: **ZZZZZ** Batch ID: **A05VW073** TestNo: **EPA 8260B** Analysis Date: **3/18/2005** SeqNo: **701621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
Benzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	1.0									
Bromomethane	ND	1.0									
Carbon tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									
Chloroethane	ND	1.0									
Chloroform	ND	1.0									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethene	ND	1.0									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dichlorodifluoromethane	ND	1.0									
Ethylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	0.50									
MTBE	ND	0.50									
o-Xylene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_WP_GCMS

Sample ID **A031805MB3** SampType: **MBLK** TestCode: **8021_WP_G** Units: **µg/L** Prep Date: Run ID: **MS11_050318A**
Client ID: **ZZZZZ** Batch ID: **A05VW073** TestNo: **EPA 8260B** Analysis Date: **3/18/2005** SeqNo: **701621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.50									
trans-1,3-Dichloropropene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	1.0									

Sample ID **A031805LC1** SampType: **LCS** TestCode: **8021_WP_G** Units: **µg/L** Prep Date: Run ID: **MS11_050318A**
Client ID: **ZZZZZ** Batch ID: **A05VW073** TestNo: **EPA 8260B** Analysis Date: **3/18/2005** SeqNo: **701618**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.06	0.50	20	0	100	83	126	0	0		
Benzene	21.23	0.50	20	0	106	96	128	0	0		
Chlorobenzene	19.11	0.50	20	0	95.6	81	119	0	0		
MTBE	18.97	0.50	20	0	94.8	80	126	0	0		
Toluene	22.26	0.50	20	0	111	96	128	0	0		
Trichloroethene	20.5	0.50	20	0	103	93	128	0	0		

Sample ID **A031805MB3MS** SampType: **MS** TestCode: **8021_WP_G** Units: **µg/L** Prep Date: Run ID: **MS11_050318A**
Client ID: **ZZZZZ** Batch ID: **A05VW073** TestNo: **EPA 8260B** Analysis Date: **3/18/2005** SeqNo: **701619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.08	0.50	20	0	100	81	128	0	0		
Benzene	21.87	0.50	20	0	109	95	129	0	0		
Chlorobenzene	19.24	0.50	20	0	96.2	82	119	0	0		
MTBE	19.28	0.50	20	0	96.4	79	128	0	0		
Toluene	22.66	0.50	20	0	113	96	128	0	0		
Trichloroethene	20.82	0.50	20	0	104	84	135	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_WP_GCMS

Sample ID **A031805MB3MSD** SampType: **MSD** TestCode: **8021_WP_G** Units: **µg/L** Prep Date: Run ID: **MS11_050318A**
Client ID: **ZZZZZ** Batch ID: **A05VW073** TestNo: **EPA 8260B** Analysis Date: **3/18/2005** SeqNo: **701620**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	19.75	0.50	20	0	98.8	81	128	20.08	1.66	30	
Benzene	21.62	0.50	20	0	108	95	129	21.87	1.15	30	
Chlorobenzene	18.94	0.50	20	0	94.7	82	119	19.24	1.57	30	
MTBE	19.51	0.50	20	0	97.6	79	128	19.28	1.19	30	
Toluene	22.45	0.50	20	0	112	96	128	22.66	0.931	30	
Trichloroethene	20.44	0.50	20	0	102	84	135	20.82	1.84	30	

Sample ID **075171-001ADUP** SampType: **DUP** TestCode: **8021_WP_G** Units: **µg/L** Prep Date: Run ID: **MS11_050318A**
Client ID: **MW-1** Batch ID: **A05VW073** TestNo: **EPA 8260B** Analysis Date: **3/18/2005** SeqNo: **701635**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	0.50	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	0.50	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
Benzene	ND	0.50	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	0.50	0	0	0	0	0	0	0	30	
Bromoform	ND	1.0	0	0	0	0	0	0	0	30	
Bromomethane	ND	1.0	0	0	0	0	0	0	0	30	
Carbon tetrachloride	ND	0.50	0	0	0	0	0	0	0	30	
Chlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
Chloroethane	ND	1.0	0	0	0	0	0	0	0	30	
Chloroform	ND	1.0	0	0	0	0	0	0	0	30	
Chloromethane	ND	0.50	0	0	0	0	0	0	0	30	

Qualifiers:
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Environmental
Work Order: 075171
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8021_WP_GCMS

Sample ID **075171-001ADUP** SampType: **DUP** TestCode: **8021_WP_G** Units: **µg/L** Prep Date: Run ID: **MS11_050318A**
Client ID: **MW-1** Batch ID: **A05VW073** TestNo: **EPA 8260B** Analysis Date: **3/18/2005** SeqNo: **701635**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	ND	1.0	0	0	0	0	0	0	0	30	
cis-1,3-Dichloropropene	ND	0.50	0	0	0	0	0	0	0	30	
Dibromochloromethane	ND	0.50	0	0	0	0	0	0	0	30	
Dichlorodifluoromethane	ND	1.0	0	0	0	0	0	0	0	30	
Ethylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
m,p-Xylene	ND	1.0	0	0	0	0	0	0	0	30	
Methylene chloride	ND	0.50	0	0	0	0	0	0	0	30	
MTBE	ND	0.50	0	0	0	0	0	0	0	30	
o-Xylene	ND	0.50	0	0	0	0	0	0	0	30	
Tetrachloroethene	ND	0.50	0	0	0	0	0	0	0	30	
Toluene	ND	0.50	0	0	0	0	0	0	0	30	
trans-1,2-Dichloroethene	ND	0.50	0	0	0	0	0	0	0	30	
trans-1,3-Dichloropropene	ND	0.50	0	0	0	0	0	0	0	30	
Trichloroethene	ND	0.50	0	0	0	0	0	0	0	30	
Trichlorofluoromethane	ND	0.50	0	0	0	0	0	0	0	30	
Vinyl chloride	ND	1.0	0	0	0	0	0	0	0	30	

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CLIENT: Geocon Environmental
Work Order: 075171
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID	MB-21852	SampType:	MBLK	TestCode:	8270_W_FUL	Units:	µg/L	Prep Date:	3/17/2005	Run ID:	MS7_050317A
Client ID:	ZZZZZ	Batch ID:	21852	TestNo:	EPA 8270C		(EPA 3510C)	Analysis Date:	3/17/2005	SeqNo:	701763

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	10									
1,2-Dichlorobenzene	ND	10									
1,3-Dichlorobenzene	ND	10									
1,4-Dichlorobenzene	ND	10									
2,4,5-Trichlorophenol	ND	10									
2,4,6-Trichlorophenol	ND	10									
2,4-Dichlorophenol	ND	10									
2,4-Dimethylphenol	ND	10									
2,4-Dinitrophenol	ND	50									
2,4-Dinitrotoluene	ND	10									
2,6-Dinitrotoluene	ND	10									
2-Chloronaphthalene	ND	10									
2-Chlorophenol	ND	10									
2-Methylnaphthalene	ND	10									
2-Methylphenol	ND	10									
2-Nitroaniline	ND	50									
2-Nitrophenol	ND	10									
3,3´-Dichlorobenzidine	ND	20									
3-Nitroaniline	ND	50									
4,6-Dinitro-2-methylphenol	ND	50									
4-Bromophenyl-phenylether	ND	10									
4-Chloro-3-methylphenol	ND	50									
4-Chloroaniline	ND	20									
4-Chlorophenyl-phenylether	ND	10									
4-Methylphenol	ND	10									
4-Nitroaniline	ND	20									
4-Nitrophenol	ND	50									
Acenaphthene	ND	10									
Acenaphthylene	ND	10									
Anthracene	ND	10									

Qualifiers:
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CLIENT: Geocon Environmental
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID	MB-21852	SampType:	MBLK	TestCode:	8270_W_FUL	Units:	µg/L	Prep Date:	3/17/2005	Run ID:	MS7_050317A
Client ID:	ZZZZZ	Batch ID:	21852	TestNo:	EPA 8270C		(EPA 3510C)	Analysis Date:	3/17/2005	SeqNo:	701763

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine (M)	ND	50									
Benzo(a)anthracene	ND	10									
Benzo(a)pyrene	ND	10									
Benzo(b)fluoranthene	ND	10									
Benzo(g,h,i)perylene	ND	10									
Benzo(k)fluoranthene	ND	10									
Benzoic acid	ND	50									
Benzyl alcohol	ND	20									
Bis(2-chloroethoxy)methane	ND	10									
Bis(2-chloroethyl)ether	ND	10									
Bis(2-chloroisopropyl)ether	ND	10									
Bis(2-ethylhexyl)phthalate	ND	10									
Butylbenzylphthalate	ND	10									
Chrysene	ND	10									
Di-n-butylphthalate	ND	10									
Di-n-octylphthalate	ND	10									
Dibenz(a,h)anthracene	ND	10									
Dibenzofuran	ND	10									
Diethylphthalate	ND	10									
Dimethylphthalate	ND	10									
Fluoranthene	ND	10									
Fluorene	ND	10									
Hexachlorobenzene	ND	10									
Hexachlorobutadiene	ND	20									
Hexachlorocyclopentadiene	ND	10									
Hexachloroethane	ND	10									
Indeno(1,2,3-cd)pyrene	ND	10									
Isophorone	ND	10									
N-Nitrosodi-n-propylamine	ND	10									
N-Nitrosodiphenylamine	ND	10									

Qualifiers:
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID	MB-21852	SampType:	MBLK	TestCode:	8270_W_FUL	Units:	µg/L	Prep Date:	3/17/2005	Run ID:	MS7_050317A
Client ID:	ZZZZZ	Batch ID:	21852	TestNo:	EPA 8270C		(EPA 3510C)	Analysis Date:	3/17/2005	SeqNo:	701763

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	10									
Nitrobenzene	ND	10									
Pentachlorophenol	ND	50									
Phenanthrene	ND	10									
Phenol	ND	10									
Pyrene	ND	10									

Sample ID	MB-21852	SampType:	MBLK	TestCode:	8270_W_FUL	Units:	µg/L	Prep Date:	3/17/2005	Run ID:	MS6_050317A
Client ID:	ZZZZZ	Batch ID:	21852	TestNo:	EPA 8270C		(EPA 3510C)	Analysis Date:	3/17/2005	SeqNo:	701783

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	10									
1,2-Dichlorobenzene	ND	10									
1,3-Dichlorobenzene	ND	10									
1,4-Dichlorobenzene	ND	10									
2,4,5-Trichlorophenol	ND	10									
2,4,6-Trichlorophenol	ND	10									
2,4-Dichlorophenol	ND	10									
2,4-Dimethylphenol	ND	10									
2,4-Dinitrophenol	ND	50									
2,4-Dinitrotoluene	ND	10									
2,6-Dinitrotoluene	ND	10									
2-Chloronaphthalene	ND	10									
2-Chlorophenol	ND	10									
2-Methylnaphthalene	ND	10									
2-Methylphenol	ND	10									
2-Nitroaniline	ND	50									
2-Nitrophenol	ND	10									
3,3'-Dichlorobenzidine	ND	20									
3-Nitroaniline	ND	50									

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CLIENT: Geocon Environmental
Work Order: 075171
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID	MB-21852	SampType:	MBLK	TestCode:	8270_W_FUL	Units:	µg/L	Prep Date:	3/17/2005	Run ID:	MS6_050317A
Client ID:	ZZZZZ	Batch ID:	21852	TestNo:	EPA 8270C	(EPA 3510C)		Analysis Date:	3/17/2005	SeqNo:	701783

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,6-Dinitro-2-methylphenol	ND	50									
4-Bromophenyl-phenylether	ND	10									
4-Chloro-3-methylphenol	ND	50									
4-Chloroaniline	ND	20									
4-Chlorophenyl-phenylether	ND	10									
4-Methylphenol	ND	10									
4-Nitroaniline	ND	20									
4-Nitrophenol	ND	50									
Acenaphthene	ND	10									
Acenaphthylene	ND	10									
Anthracene	ND	10									
Benzidine (M)	ND	50									
Benzo(a)anthracene	ND	10									
Benzo(a)pyrene	ND	10									
Benzo(b)fluoranthene	ND	10									
Benzo(g,h,i)perylene	ND	10									
Benzo(k)fluoranthene	ND	10									
Benzoic acid	ND	50									
Benzyl alcohol	ND	20									
Bis(2-chloroethoxy)methane	ND	10									
Bis(2-chloroethyl)ether	ND	10									
Bis(2-chloroisopropyl)ether	ND	10									
Bis(2-ethylhexyl)phthalate	ND	10									
Butylbenzylphthalate	ND	10									
Chrysene	ND	10									
Di-n-butylphthalate	ND	10									
Di-n-octylphthalate	ND	10									
Dibenz(a,h)anthracene	ND	10									
Dibenzofuran	ND	10									
Diethylphthalate	ND	10									

Qualifiers:
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID **MB-21852** SampType: **MBLK** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **3/17/2005** Run ID: **MS6_050317A**
Client ID: **ZZZZZ** Batch ID: **21852** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **3/17/2005** SeqNo: **701783**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethylphthalate	ND	10									
Fluoranthene	ND	10									
Fluorene	ND	10									
Hexachlorobenzene	ND	10									
Hexachlorobutadiene	ND	20									
Hexachlorocyclopentadiene	ND	10									
Hexachloroethane	ND	10									
Indeno(1,2,3-cd)pyrene	ND	10									
Isophorone	ND	10									
N-Nitrosodi-n-propylamine	ND	10									
N-Nitrosodiphenylamine	ND	10									
Naphthalene	ND	10									
Nitrobenzene	ND	10									
Pentachlorophenol	ND	50									
Phenanthrene	ND	10									
Phenol	ND	10									
Pyrene	ND	10									

Sample ID **LCS-21852** SampType: **LCS** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **3/17/2005** Run ID: **MS7_050317A**
Client ID: **ZZZZZ** Batch ID: **21852** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **3/17/2005** SeqNo: **701782**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	74.53	10	100	0	74.5	64	104	0	0		
1,4-Dichlorobenzene	72.09	10	100	0	72.1	59	97	0	0		
2,4-Dinitrotoluene	80.29	10	100	0	80.3	74	115	0	0		
2-Chlorophenol	82.82	10	100	0	82.8	65	96	0	0		
4-Chloro-3-methylphenol	81.61	50	100	0	81.6	78	108	0	0		
4-Nitrophenol	ND	50	100	0	44	34	82	0	0		
Acenaphthene	66.43	10	100	0	66.4	64	101	0	0		
N-Nitrosodi-n-propylamine	91.85	10	100	0	91.8	55	112	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID **LCS-21852** SampType: **LCS** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **3/17/2005** Run ID: **MS7_050317A**
Client ID: **ZZZZZ** Batch ID: **21852** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **3/17/2005** SeqNo: **701782**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	74.72	50	100	0	74.7	74	127	0	0		
Phenol	49.56	10	100	0	49.6	33	59	0	0		
Pyrene	87.96	10	100	0	88	68	103	0	0		

Sample ID **LCS-21852** SampType: **LCS** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **3/17/2005** Run ID: **MS6_050317A**
Client ID: **ZZZZZ** Batch ID: **21852** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **3/17/2005** SeqNo: **701810**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	99.91	10	100	0	99.9	64	104	0	0		
1,4-Dichlorobenzene	91.12	10	100	0	91.1	59	97	0	0		
2,4-Dinitrotoluene	97.74	10	100	0	97.7	74	115	0	0		
2-Chlorophenol	93.71	10	100	0	93.7	65	96	0	0		
4-Chloro-3-methylphenol	104	50	100	0	104	78	108	0	0		
4-Nitrophenol	70.89	50	100	0	70.9	34	82	0	0		
Acenaphthene	97.78	10	100	0	97.8	64	101	0	0		
N-Nitrosodi-n-propylamine	109.2	10	100	0	109	55	112	0	0		
Pentachlorophenol	124.1	50	100	0	124	74	127	0	0		
Phenol	54.37	10	100	0	54.4	33	59	0	0		
Pyrene	96.01	10	100	0	96	68	103	0	0		

Sample ID **MB-21852MS** SampType: **MS** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **3/17/2005** Run ID: **MS6_050317A**
Client ID: **ZZZZZ** Batch ID: **21852** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **3/17/2005** SeqNo: **701785**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	92.38	10	100	0	92.4	63	104	0	0		
1,4-Dichlorobenzene	78.01	10	100	0	78	60	97	0	0		
2,4-Dinitrotoluene	95.86	10	100	0	95.9	77	114	0	0		
2-Chlorophenol	84.54	10	100	0	84.5	66	96	0	0		
4-Chloro-3-methylphenol	100.9	50	100	0	101	80	109	0	0		
4-Nitrophenol	53.63	50	100	0	53.6	29	89	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID **MB-21852MS** SampType: **MS** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **3/17/2005** Run ID: **MS6_050317A**
Client ID: **ZZZZZ** Batch ID: **21852** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **3/17/2005** SeqNo: **701785**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	94.62	10	100	0	94.6	65	102	0	0		
N-Nitrosodi-n-propylamine	84.8	10	100	0	84.8	56	113	0	0		
Pentachlorophenol	109	50	100	0	109	75	129	0	0		
Phenol	45.93	10	100	0	45.9	31	62	0	0		
Pyrene	88.63	10	100	0	88.6	72	101	0	0		

Sample ID **MB-21852MSD** SampType: **MSD** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **3/17/2005** Run ID: **MS6_050317A**
Client ID: **ZZZZZ** Batch ID: **21852** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **3/17/2005** SeqNo: **701786**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	93.19	10	100	0	93.2	63	104	92.38	0.873	30	
1,4-Dichlorobenzene	78.74	10	100	0	78.7	60	97	78.01	0.931	30	
2,4-Dinitrotoluene	92.91	10	100	0	92.9	77	114	95.86	3.13	30	
2-Chlorophenol	84.46	10	100	0	84.5	66	96	84.54	0.0947	30	
4-Chloro-3-methylphenol	100.3	50	100	0	100	80	109	100.9	0.586	30	
4-Nitrophenol	53.32	50	100	0	53.3	29	89	53.63	0.580	30	
Acenaphthene	92.14	10	100	0	92.1	65	102	94.62	2.66	30	
N-Nitrosodi-n-propylamine	84.88	10	100	0	84.9	56	113	84.8	0.0943	30	
Pentachlorophenol	106.7	50	100	0	107	75	129	109	2.10	30	
Phenol	46.63	10	100	0	46.6	31	62	45.93	1.51	30	
Pyrene	86.28	10	100	0	86.3	72	101	88.63	2.69	30	

Sample ID **075171-002CDUP** SampType: **DUP** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **3/17/2005** Run ID: **MS7_050317A**
Client ID: **MW-1 High** Batch ID: **21852** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **3/17/2005** SeqNo: **701771**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	10	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	10	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	10	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	10	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 075171
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID	075171-002CDUP	SampType:	DUP	TestCode:	8270_W_FUL	Units:	µg/L	Prep Date:	3/17/2005	Run ID:	MS7_050317A
Client ID:	MW-1 High	Batch ID:	21852	TestNo:	EPA 8270C		(EPA 3510C)	Analysis Date:	3/17/2005	SeqNo:	701771

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-Trichlorophenol	ND	10	0	0	0	0	0	0	0	30	
2,4,6-Trichlorophenol	ND	10	0	0	0	0	0	0	0	30	
2,4-Dichlorophenol	ND	10	0	0	0	0	0	0	0	30	
2,4-Dimethylphenol	ND	10	0	0	0	0	0	0	0	30	
2,4-Dinitrophenol	ND	50	0	0	0	0	0	0	0	30	
2,4-Dinitrotoluene	ND	10	0	0	0	0	0	0	0	30	
2,6-Dinitrotoluene	ND	10	0	0	0	0	0	0	0	30	
2-Chloronaphthalene	ND	10	0	0	0	0	0	0	0	30	
2-Chlorophenol	ND	10	0	0	0	0	0	0	0	30	
2-Methylnaphthalene	ND	10	0	0	0	0	0	0	0	30	
2-Methylphenol	ND	10	0	0	0	0	0	0	0	30	
2-Nitroaniline	ND	50	0	0	0	0	0	0	0	30	
2-Nitrophenol	ND	10	0	0	0	0	0	0	0	30	
3,3´-Dichlorobenzidine	ND	20	0	0	0	0	0	0	0	30	
3-Nitroaniline	ND	50	0	0	0	0	0	0	0	30	
4,6-Dinitro-2-methylphenol	ND	50	0	0	0	0	0	0	0	30	
4-Bromophenyl-phenylether	ND	10	0	0	0	0	0	0	0	30	
4-Chloro-3-methylphenol	ND	50	0	0	0	0	0	0	0	30	
4-Chloroaniline	ND	20	0	0	0	0	0	0	0	30	
4-Chlorophenyl-phenylether	ND	10	0	0	0	0	0	0	0	30	
4-Methylphenol	ND	10	0	0	0	0	0	0	0	30	
4-Nitroaniline	ND	20	0	0	0	0	0	0	0	30	
4-Nitrophenol	ND	50	0	0	0	0	0	0	0	30	
Acenaphthene	ND	10	0	0	0	0	0	0	0	30	
Acenaphthylene	ND	10	0	0	0	0	0	0	0	30	
Anthracene	ND	10	0	0	0	0	0	0	0	30	
Benzidine (M)	ND	50	0	0	0	0	0	0	0	30	
Benzo(a)anthracene	ND	10	0	0	0	0	0	0	0	30	
Benzo(a)pyrene	ND	10	0	0	0	0	0	0	0	30	
Benzo(b)fluoranthene	ND	10	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 075171
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID **075171-002CDUP** SampType: **DUP** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **3/17/2005** Run ID: **MS7_050317A**
Client ID: **MW-1 High** Batch ID: **21852** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **3/17/2005** SeqNo: **701771**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	ND	10	0	0	0	0	0	0	0	30	
Benzo(k)fluoranthene	ND	10	0	0	0	0	0	0	0	30	
Benzoic acid	ND	50	0	0	0	0	0	0	0	30	
Benzyl alcohol	ND	20	0	0	0	0	0	0	0	30	
Bis(2-chloroethoxy)methane	ND	10	0	0	0	0	0	0	0	30	
Bis(2-chloroethyl)ether	ND	10	0	0	0	0	0	0	0	30	
Bis(2-chloroisopropyl)ether	ND	10	0	0	0	0	0	0	0	30	
Bis(2-ethylhexyl)phthalate	ND	10	0	0	0	0	0	0	0	30	
Butylbenzylphthalate	ND	10	0	0	0	0	0	0	0	30	
Chrysene	ND	10	0	0	0	0	0	0	0	30	
Di-n-butylphthalate	ND	10	0	0	0	0	0	0	0	30	
Di-n-octylphthalate	ND	10	0	0	0	0	0	0	0	30	
Dibenz(a,h)anthracene	ND	10	0	0	0	0	0	0	0	30	
Dibenzofuran	ND	10	0	0	0	0	0	0	0	30	
Diethylphthalate	ND	10	0	0	0	0	0	0	0	30	
Dimethylphthalate	ND	10	0	0	0	0	0	0	0	30	
Fluoranthene	ND	10	0	0	0	0	0	0	0	30	
Fluorene	ND	10	0	0	0	0	0	0	0	30	
Hexachlorobenzene	ND	10	0	0	0	0	0	0	0	30	
Hexachlorobutadiene	ND	20	0	0	0	0	0	0	0	30	
Hexachlorocyclopentadiene	ND	10	0	0	0	0	0	0	0	30	
Hexachloroethane	ND	10	0	0	0	0	0	0	0	30	
Indeno(1,2,3-cd)pyrene	ND	10	0	0	0	0	0	0	0	30	
Isophorone	ND	10	0	0	0	0	0	0	0	30	
N-Nitrosodi-n-propylamine	ND	10	0	0	0	0	0	0	0	30	
N-Nitrosodiphenylamine	ND	10	0	0	0	0	0	0	0	30	
Naphthalene	ND	10	0	0	0	0	0	0	0	30	
Nitrobenzene	ND	10	0	0	0	0	0	0	0	30	
Pentachlorophenol	ND	50	0	0	0	0	0	0	0	30	
Phenanthrene	ND	10	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 075171
Project: SFOBB West Approach Oakland Touchdown, E

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID	**075171-002CDUP**	SampType:	**DUP**	TestCode:	**8270_W_FUL**	Units:	**µg/L**	Prep Date:	**3/17/2005**	Run ID:	**MS7_050317A**
Client ID:	**MW-1 High**	Batch ID:	**21852**	TestNo:	**EPA 8270C**		**(EPA 3510C)**	Analysis Date:	**3/17/2005**	SeqNo:	**701771**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	ND	10	0	0	0	0	0	0	0	30	
Pyrene	ND	10	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

CHAIN OF CUSTODY RECORD

Pg 1 of 1

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:
Logged By: BA Date: 031605

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 1.4
1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☑ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☑ N☐

Client: Geocon
Attn: Matt Hanko
Address: Livermore
City State Zip Code
TEL: ( )
FAX: ( )

Project Name: SPOBB West Approach ~~Storm Water~~ Oakland Touchdown
Project #: E8220-06-04
Sampler: (Printed Name) Matt Hanko (Signature) [signature]

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
[signature]			[signature]	3/14/05	8:05

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Matt Hanko 3-14-05
Print Name Date
[signature]
Signature

Send Report To: Attn: Matt Hanko
Co: Geocon
Address Livermore
City State Zip

Bill To: Attn: Same
Co:
Address
City State Zip

Special Instructions/Comments: CAM 17 - Filter and preserve prior to analysis

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / 8020 (BTEX)	8015B (DRO)	~~8021 (BTEX)~~ TRPH	TITLE 22 / CAM 17 (6010 / 7000)	TOC	TDS	Cyanide	Dissolved Sulfide	Oxy-6	SOIL	WATER	GROUND WATER	WASTEWATER			TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	075171-001	MW-1 ~~[illegible]~~	3/14/05	1630			X	X		X	X	X	X	X	X	X	X	X			X				C	13			
	↓ - 002	MW-1 High	↓	1530			X	X		X	X	X	X	X	X	X	X	X			X				↓	13			
	↓ - 003	~~[illegible]~~ Trip Blank					X																		↓	1	VGH		

QA/QC: RTNE ☐ CT ☒ SWRCB ☐ Logcode ____ OTHER ____

- TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

Galvan, Diane

From: Matt Hanko [hanko@geoconinc.com]
Sent: Tuesday, March 15, 2005 12:22 AM
To: Galvan, Diane
Subject: SFOBB

Diane:

For all SFOBB projects, use silica gel cleanup on all TPHd water analysis.

Thanks,

Matt Hanko
Senior Project Scientist
(925)371-5900 ext 203
(925) 785-5021 cell
hanko@geoconinc.com

June 29, 2005

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Matt Hanko
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5590
FAX: (925) 371-5915

RECEIVED
JUL 08 2005
By

Workorder No.: 077213

RE: T0-4, E8220-06-04

Attention: Matt Hanko

Enclosed are the results for sample(s) received on June 20, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Project: T0-4, E8220-06-04
Lab Order: 077213

CASE NARRATIVE

Analytical Comments for Method 8015 (Diesel/Motor Oil)

Silica Gel Cleanup was performed on sample 077213-001C, prior to the TPH-Diesel analysis, per client request.

Sample 077213-001C contains hydrocarbons within the diesel range that do not match the diesel pattern. Quantitation was based on a diesel standard.

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 HIGH
Lab Order:	077213		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 9:54:00 AM
Lab ID:	077213-001A	**Matrix:**	GROUND WATER

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS11_050622A QC Batch: A05VW179 PrepDate Analyst: **MFR**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	6/23/2005
1,1,1-Trichloroethane	ND	0.50		µg/L	1	6/23/2005
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	6/23/2005
1,1,2-Trichloroethane	ND	0.50		µg/L	1	6/23/2005
1,1-Dichloroethane	ND	0.50		µg/L	1	6/23/2005
1,1-Dichloroethene	ND	0.50		µg/L	1	6/23/2005
1,1-Dichloropropene	ND	0.50		µg/L	1	6/23/2005
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	6/23/2005
1,2,3-Trichloropropane	ND	0.50		µg/L	1	6/23/2005
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	6/23/2005
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	6/23/2005
1,2-Dibromo-3-chloropropane	ND	0.50		µg/L	1	6/23/2005
1,2-Dibromoethane	ND	0.50		µg/L	1	6/23/2005
1,2-Dichlorobenzene	ND	0.50		µg/L	1	6/23/2005
1,2-Dichloroethane	ND	0.50		µg/L	1	6/23/2005
1,2-Dichloropropane	ND	0.50		µg/L	1	6/23/2005
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	6/23/2005
1,3-Dichlorobenzene	ND	0.50		µg/L	1	6/23/2005
1,3-Dichloropropane	ND	0.50		µg/L	1	6/23/2005
1,4-Dichlorobenzene	ND	0.50		µg/L	1	6/23/2005
2,2-Dichloropropane	ND	0.50		µg/L	1	6/23/2005
2-Chlorotoluene	ND	0.50		µg/L	1	6/23/2005
4-Chlorotoluene	ND	0.50		µg/L	1	6/23/2005
4-Isopropyltoluene	ND	0.50		µg/L	1	6/23/2005
Benzene	ND	0.50		µg/L	1	6/23/2005
Bromobenzene	ND	0.50		µg/L	1	6/23/2005
Bromodichloromethane	ND	0.50		µg/L	1	6/23/2005
Bromoform	ND	0.50		µg/L	1	6/23/2005
Bromomethane	ND	0.50		µg/L	1	6/23/2005
Carbon tetrachloride	ND	0.50		µg/L	1	6/23/2005
Chlorobenzene	ND	0.50		µg/L	1	6/23/2005
Chloroethane	ND	0.50		µg/L	1	6/23/2005
Chloroform	ND	0.50		µg/L	1	6/23/2005
Chloromethane	ND	0.50		µg/L	1	6/23/2005
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	6/23/2005
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	6/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *29-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 HIGH
Lab Order:	077213		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 9:54:00 AM
Lab ID:	077213-001A	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS11_050622A	QC Batch:	A05VW179		PrepDate		Analyst: **MFR**
Dibromochloromethane	ND	0.50		µg/L	1	6/23/2005
Dibromomethane	ND	0.50		µg/L	1	6/23/2005
Dichlorodifluoromethane	ND	0.50		µg/L	1	6/23/2005
Ethylbenzene	ND	0.50		µg/L	1	6/23/2005
Hexachlorobutadiene	ND	0.50		µg/L	1	6/23/2005
Isopropylbenzene	ND	0.50		µg/L	1	6/23/2005
m,p-Xylene	ND	1.0		µg/L	1	6/23/2005
Methylene chloride	ND	0.50		µg/L	1	6/23/2005
n-Butylbenzene	ND	0.50		µg/L	1	6/23/2005
n-Propylbenzene	ND	0.50		µg/L	1	6/23/2005
Naphthalene	ND	0.50		µg/L	1	6/23/2005
o-Xylene	ND	0.50		µg/L	1	6/23/2005
sec-Butylbenzene	ND	0.50		µg/L	1	6/23/2005
Styrene	ND	0.50		µg/L	1	6/23/2005
tert-Butylbenzene	ND	0.50		µg/L	1	6/23/2005
Tetrachloroethene	ND	0.50		µg/L	1	6/23/2005
Toluene	ND	0.50		µg/L	1	6/23/2005
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	6/23/2005
Trichloroethene	ND	0.50		µg/L	1	6/23/2005
Trichlorofluoromethane	ND	0.50		µg/L	1	6/23/2005
Vinyl chloride	ND	0.50		µg/L	1	6/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 HIGH
Lab Order:	077213		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 9:54:00 AM
Lab ID:	077213-001B	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
			EPA 8015B(M)			
RunID: GC6_050622A	QC Batch: I05VW119			PrepDate		Analyst: **HH**
GRO	ND	0.050		mg/L	1	6/22/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 HIGH
Lab Order:	077213		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 9:54:00 AM
Lab ID:	077213-001C	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS BY GC/FID						
(EPA 3510C)				**EPA 8015B(M)**		
RunID: GC7_BACK_050624A	QC Batch: 23279			PrepDate	6/22/2005	Analyst: **CBR**
Diesel	0.053	0.050		mg/L	1	6/24/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *29-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 HIGH
Lab Order:	077213		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 9:54:00 AM
Lab ID:	077213-001D	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
OIL & GREASE						
(EPA 1664 _HEM)			**EPA 1664 _HEM**			
RunID: WETCHEM2_050624B	QC Batch: 23324			PrepDate	6/24/2005	Analyst: **MFP**
Oil & Grease	ND	4.7		mg/L	1	6/24/2005
TOTAL PETROLEUM HYDROCARBONS						
(EPA 1664_SGT/HEM)			**EPA 1664_SGT/HEM**			
RunID: WETCHEM2_050624D	QC Batch: 23325			PrepDate	6/24/2005	Analyst: **MFP**
Total Petroleum Hydrocarbons	ND	2.4		mg/L	1	6/24/2005

Qualifiers:

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E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *29-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 HIGH
Lab Order:	077213		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 9:54:00 AM
Lab ID:	077213-001E	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3010A)			**EPA 6010B**		
RunID: ICP6_050624E	QC Batch: 23310			PrepDate	6/24/2005	Analyst: **RQ**
Antimony	ND	0.050		mg/L	10	6/24/2005
Arsenic	ND	0.10		mg/L	10	6/24/2005
Barium	0.065	0.030		mg/L	10	6/24/2005
Beryllium	ND	0.030		mg/L	10	6/24/2005
Cadmium	ND	0.030		mg/L	10	6/24/2005
Chromium	0.050	0.030		mg/L	10	6/24/2005
Cobalt	ND	0.030		mg/L	10	6/24/2005
Copper	ND	0.050		mg/L	10	6/24/2005
Lead	ND	0.050		mg/L	10	6/24/2005
Molybdenum	ND	0.050		mg/L	10	6/24/2005
Nickel	ND	0.050		mg/L	10	6/24/2005
Selenium	ND	0.10		mg/L	10	6/24/2005
Silver	ND	0.030		mg/L	10	6/24/2005
Thallium	ND	0.15		mg/L	10	6/24/2005
Vanadium	0.033	0.030		mg/L	10	6/24/2005
Zinc	ND	0.10		mg/L	10	6/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7470)			**EPA 7470A**		
RunID: AA5_050624C	QC Batch: 23311			PrepDate	6/24/2005	Analyst: **JT**
Mercury	ND	0.20		µg/L	1	6/24/2005

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H - Sample exceeded analytical holding time
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R - RPD outside acceptable recovery limits

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Advanced Technology Laboratories

Date: *29-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 HIGH
Lab Order:	077213		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 9:54:00 AM
Lab ID:	077213-001F	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON						
			EPA 415.1			
RunID: TOC2_050622A	QC Batch: R51388			PrepDate		Analyst: **JT**
Organic Carbon, Total	9.6	3.0		mg/L	1	6/22/2005

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H - Sample exceeded analytical holding time
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R - RPD outside acceptable recovery limits

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Advanced Technology Laboratories

Date: *29-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 HIGH
Lab Order:	077213		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 9:54:00 AM
Lab ID:	077213-001G	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE IN WATER						
				EPA 160.1		
RunID: WETCHEM_050624A	QC Batch: R51447			PrepDate	6/23/2005	Analyst: **EG**
Total Dissolved Solids (Residue, Filterable)	410	10		mg/L	1	6/24/2005

Qualifiers:

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Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *29-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 HIGH
Lab Order:	077213		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 9:54:00 AM
Lab ID:	077213-001H	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
SULFIDE, DISSOLVED						
				EPA 376.2		
RunID: WETCHEM3_050623C	QC Batch: R51442			PrepDate		Analyst: **RSJ**
Sulfide	0.43	0.050		mg/L	1	6/23/2005

Qualifiers:

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H - Sample exceeded analytical holding time
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Advanced Technology Laboratories

Date: *29-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 HIGH
Lab Order:	077213		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 9:54:00 AM
Lab ID:	077213-001I	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL						
				EPA 335.2		
RunID: WETCHEM3_050622D	QC Batch: R51369			PrepDate	6/22/2005	Analyst: **RSJ**
Cyanide	ND	0.010		mg/L	1	6/22/2005

Qualifiers:

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- S - Spike/Surrogate outside of limits due to matrix interfere
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Advanced Technology Laboratories

Date: *29-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 HIGH
Lab Order:	077213		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 9:54:00 AM
Lab ID:	077213-001J	**Matrix:**	GROUND WATER

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 3510C) **EPA 8270C**

RunID: MS6_050620A QC Batch: 23213 PrepDate 6/20/2005 Analyst: **JWS**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,2,4-Trichlorobenzene	ND	10		µg/L	1	6/22/2005
1,2-Dichlorobenzene	ND	10		µg/L	1	6/22/2005
1,3-Dichlorobenzene	ND	10		µg/L	1	6/22/2005
1,4-Dichlorobenzene	ND	10		µg/L	1	6/22/2005
2,4,5-Trichlorophenol	ND	10		µg/L	1	6/22/2005
2,4,6-Trichlorophenol	ND	10		µg/L	1	6/22/2005
2,4-Dichlorophenol	ND	10		µg/L	1	6/22/2005
2,4-Dimethylphenol	ND	10		µg/L	1	6/22/2005
2,4-Dinitrophenol	ND	50		µg/L	1	6/22/2005
2,4-Dinitrotoluene	ND	10		µg/L	1	6/22/2005
2,6-Dinitrotoluene	ND	10		µg/L	1	6/22/2005
2-Chloronaphthalene	ND	10		µg/L	1	6/22/2005
2-Chlorophenol	ND	10		µg/L	1	6/22/2005
2-Methylnaphthalene	ND	10		µg/L	1	6/22/2005
2-Nitroaniline	ND	50		µg/L	1	6/22/2005
2-Nitrophenol	ND	10		µg/L	1	6/22/2005
3,3´-Dichlorobenzidine	ND	20		µg/L	1	6/22/2005
3-Nitroaniline	ND	50		µg/L	1	6/22/2005
4,6-Dinitro-2-methylphenol	ND	50		µg/L	1	6/22/2005
4-Bromophenyl-phenylether	ND	10		µg/L	1	6/22/2005
4-Chloro-3-methylphenol	ND	50		µg/L	1	6/22/2005
4-Chloroaniline	ND	20		µg/L	1	6/22/2005
4-Chlorophenyl-phenylether	ND	10		µg/L	1	6/22/2005
4-Nitroaniline	ND	20		µg/L	1	6/22/2005
4-Nitrophenol	ND	50		µg/L	1	6/22/2005
Acenaphthene	ND	10		µg/L	1	6/22/2005
Acenaphthylene	ND	10		µg/L	1	6/22/2005
Anthracene	ND	10		µg/L	1	6/22/2005
Benzidine (M)	ND	50		µg/L	1	6/22/2005
Benzo(a)anthracene	ND	10		µg/L	1	6/22/2005
Benzo(a)pyrene	ND	10		µg/L	1	6/22/2005
Benzo(b)fluoranthene	ND	10		µg/L	1	6/22/2005
Benzo(g,h,i)perylene	ND	10		µg/L	1	6/22/2005
Benzo(k)fluoranthene	ND	10		µg/L	1	6/22/2005
Benzoic acid	ND	50		µg/L	1	6/22/2005
Benzyl alcohol	ND	20		µg/L	1	6/22/2005

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Advanced Technology Laboratories

Date: *29-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 HIGH
Lab Order:	077213		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 9:54:00 AM
Lab ID:	077213-001J	**Matrix:**	GROUND WATER

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 3510C) **EPA 8270C**

RunID: MS6_050620A QC Batch: 23213 PrepDate 6/20/2005 Analyst: **JWS**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	6/22/2005
Bis(2-chloroethyl)ether	ND	10		µg/L	1	6/22/2005
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	6/22/2005
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	6/22/2005
Butylbenzylphthalate	ND	10		µg/L	1	6/22/2005
Chrysene	ND	10		µg/L	1	6/22/2005
Di-n-butylphthalate	ND	10		µg/L	1	6/22/2005
Di-n-octylphthalate	ND	10		µg/L	1	6/22/2005
Dibenz(a,h)anthracene	ND	10		µg/L	1	6/22/2005
Dibenzofuran	ND	10		µg/L	1	6/22/2005
Diethylphthalate	ND	10		µg/L	1	6/22/2005
Dimethylphthalate	ND	10		µg/L	1	6/22/2005
Fluoranthene	ND	10		µg/L	1	6/22/2005
Fluorene	ND	10		µg/L	1	6/22/2005
Hexachlorobenzene	ND	10		µg/L	1	6/22/2005
Hexachlorobutadiene	ND	20		µg/L	1	6/22/2005
Hexachlorocyclopentadiene	ND	10		µg/L	1	6/22/2005
Hexachloroethane	ND	10		µg/L	1	6/22/2005
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	6/22/2005
Isophorone	ND	10		µg/L	1	6/22/2005
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	6/22/2005
N-Nitrosodiphenylamine	ND	10		µg/L	1	6/22/2005
Naphthalene	ND	10		µg/L	1	6/22/2005
Nitrobenzene	ND	10		µg/L	1	6/22/2005
Pentachlorophenol	ND	50		µg/L	1	6/22/2005
Phenanthrene	ND	10		µg/L	1	6/22/2005
Phenol	ND	10		µg/L	1	6/22/2005
Pyrene	ND	10		µg/L	1	6/22/2005
2-Methylphenol	ND	10		µg/L	1	6/22/2005
4-Methylphenol	ND	10		µg/L	1	6/22/2005

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Advanced Technology Laboratories

Date: *29-Jun-05*

CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 160.1_W

Sample ID **MB-R51447** SampType: **MBLK** TestCode: **160.1_W** Units: **mg/L** Prep Date: **6/23/2005** Run ID: **WETCHEM_050624A**
Client ID: **ZZZZZ** Batch ID: **R51447** TestNo: **EPA 160.1** Analysis Date: **6/24/2005** SeqNo: **756355**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	ND	10									

Sample ID **077214-001HDUP** SampType: **DUP** TestCode: **160.1_W** Units: **mg/L** Prep Date: **6/23/2005** Run ID: **WETCHEM_050624A**
Client ID: **ZZZZZ** Batch ID: **R51447** TestNo: **EPA 160.1** Analysis Date: **6/24/2005** SeqNo: **756356**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	404	10	0	0	0	0	0	422	4.36	30	

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 1664_HEM_W

Sample ID **MB-23324** SampType: **MBLK** TestCode: **1664_HEM_** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **WETCHEM2_050624B**
Client ID: **ZZZZZ** Batch ID: **23324** TestNo: **EPA 1664 _H (EPA 1664 _H** Analysis Date: **6/24/2005** SeqNo: **756794**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	ND	4.0									

Sample ID **LCS-23324** SampType: **LCS** TestCode: **1664_HEM_** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **WETCHEM2_050624B**
Client ID: **ZZZZZ** Batch ID: **23324** TestNo: **EPA 1664 _H (EPA 1664 _H** Analysis Date: **6/24/2005** SeqNo: **756793**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	38.6	4.0	40	0	96.5	80	120	0	0		

Sample ID **MB-23324MS** SampType: **MS** TestCode: **1664_HEM_** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **WETCHEM2_050624B**
Client ID: **ZZZZZ** Batch ID: **23324** TestNo: **EPA 1664 _H (EPA 1664 _H** Analysis Date: **6/24/2005** SeqNo: **756795**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	39.2	4.0	40	0	98	80	120	0	0		

Sample ID **MB-23324MSD** SampType: **MSD** TestCode: **1664_HEM_** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **WETCHEM2_050624B**
Client ID: **ZZZZZ** Batch ID: **23324** TestNo: **EPA 1664 _H (EPA 1664 _H** Analysis Date: **6/24/2005** SeqNo: **756796**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	38.1	4.0	40	0	95.2	80	120	39.2	2.85	20	

Qualifiers:
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 1664_SGT/HEM_W

Sample ID **MB-23325** SampType: **MBLK** TestCode: **1664_SGT/H** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **WETCHEM2_050624D**
Client ID: **ZZZZZ** Batch ID: **23325** TestNo: **EPA 1664_S (EPA 1664_S** Analysis Date: **6/24/2005** SeqNo: **756818**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	ND	2.0									

Sample ID **LCS-23325** SampType: **LCS** TestCode: **1664_SGT/H** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **WETCHEM2_050624D**
Client ID: **ZZZZZ** Batch ID: **23325** TestNo: **EPA 1664_S (EPA 1664_S** Analysis Date: **6/24/2005** SeqNo: **756817**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	18.2	2.0	20	0	91	80	120	0	0		

Sample ID **MB-23325MS** SampType: **MS** TestCode: **1664_SGT/H** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **WETCHEM2_050624D**
Client ID: **ZZZZZ** Batch ID: **23325** TestNo: **EPA 1664_S (EPA 1664_S** Analysis Date: **6/24/2005** SeqNo: **756819**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	18.6	2.0	20	0	93	80	120	0	0		

Sample ID **MB-23325MSD** SampType: **MSD** TestCode: **1664_SGT/H** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **WETCHEM2_050624D**
Client ID: **ZZZZZ** Batch ID: **23325** TestNo: **EPA 1664_S (EPA 1664_S** Analysis Date: **6/24/2005** SeqNo: **756820**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	19	2.0	20	0	95	80	120	18.6	2.13	20	

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 335.2_W

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-R51369	MBLK	335.2_W	mg/L	6/22/2005	WETCHEM3_050622D
Client ID: ZZZZZ	Batch ID: R51369	TestNo: EPA 335.2		Analysis Date: 6/22/2005	SeqNo: 755301

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	ND	0.010									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-R51369	LCS	335.2_W	mg/L	6/22/2005	WETCHEM3_050622D
Client ID: ZZZZZ	Batch ID: R51369	TestNo: EPA 335.2		Analysis Date: 6/22/2005	SeqNo: 755300

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.383	0.010	0.4	0	95.8	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
077135-003EMS	MS	335.2_W	mg/L	6/22/2005	WETCHEM3_050622D
Client ID: ZZZZZ	Batch ID: R51369	TestNo: EPA 335.2		Analysis Date: 6/22/2005	SeqNo: 755302

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.366	0.010	0.4	0	91.5	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
077135-003EMSD	MSD	335.2_W	mg/L	6/22/2005	WETCHEM3_050622D
Client ID: ZZZZZ	Batch ID: R51369	TestNo: EPA 335.2		Analysis Date: 6/22/2005	SeqNo: 755303

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.367	0.010	0.4	0	91.8	80	120	0.366	0.273	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
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CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 376.2_W_D

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-R51442	MBLK	376.2_W_D	mg/L		WETCHEM3_050623C
Client ID: ZZZZZ	Batch ID: R51442	TestNo: EPA 376.2		Analysis Date: 6/23/2005	SeqNo: 756265

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide	ND	0.050									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-R51442	LCS	376.2_W_D	mg/L		WETCHEM3_050623C
Client ID: ZZZZZ	Batch ID: R51442	TestNo: EPA 376.2		Analysis Date: 6/23/2005	SeqNo: 756264

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide	0.969	0.050	1	0	96.9	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
077290-001CMS	MS	376.2_W_D	mg/L		WETCHEM3_050623C
Client ID: ZZZZZ	Batch ID: R51442	TestNo: EPA 376.2		Analysis Date: 6/23/2005	SeqNo: 756266

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide	0.874	0.050	1	0	87.4	70	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
077290-001CMSD	MSD	376.2_W_D	mg/L		WETCHEM3_050623C
Client ID: ZZZZZ	Batch ID: R51442	TestNo: EPA 376.2		Analysis Date: 6/23/2005	SeqNo: 756267

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide	0.968	0.050	1	0	96.8	70	120	0.874	10.2	20	

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
077213-001HDUP	DUP	376.2_W_D	mg/L		WETCHEM3_050623C
Client ID: MW-1 HIGH	Batch ID: R51442	TestNo: EPA 376.2		Analysis Date: 6/23/2005	SeqNo: 756268

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide	0.397	0.050	0	0	0	0	0	0.431	8.21	30	

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Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 415.1_W

Sample ID **MB-R51388** SampType: **MBLK** TestCode: **415.1_W** Units: **mg/L** Prep Date: Run ID: **TOC2_050622A**
Client ID: **ZZZZZ** Batch ID: **R51388** TestNo: **EPA 415.1** Analysis Date: **6/22/2005** SeqNo: **755544**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	ND	3.0									

Sample ID **LCS-R51388** SampType: **LCS** TestCode: **415.1_W** Units: **mg/L** Prep Date: Run ID: **TOC2_050622A**
Client ID: **ZZZZZ** Batch ID: **R51388** TestNo: **EPA 415.1** Analysis Date: **6/22/2005** SeqNo: **755543**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	19.75	3.0	20	0	98.8	80	120	0	0		

Sample ID **077295-003AMS** SampType: **MS** TestCode: **415.1_W** Units: **mg/L** Prep Date: Run ID: **TOC2_050622A**
Client ID: **ZZZZZ** Batch ID: **R51388** TestNo: **EPA 415.1** Analysis Date: **6/22/2005** SeqNo: **755541**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	31.02	3.0	20	8.621	112	76	125	0	0		

Sample ID **077295-003AMSD** SampType: **MSD** TestCode: **415.1_W** Units: **mg/L** Prep Date: Run ID: **TOC2_050622A**
Client ID: **ZZZZZ** Batch ID: **R51388** TestNo: **EPA 415.1** Analysis Date: **6/22/2005** SeqNo: **755542**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	30.51	3.0	20	8.621	109	76	125	31.02	1.66	14	

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Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID **MB-23310** SampType: **MBLK** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **ICP6_050624E**
Client ID: **ZZZZZ** Batch ID: **23310** TestNo: **EPA 6010B (EPA 3010A)** Analysis Date: **6/24/2005** SeqNo: **756585**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0050									
Arsenic	ND	0.010									
Barium	ND	0.0030									
Beryllium	ND	0.0030									
Cadmium	ND	0.0030									
Chromium	ND	0.0030									
Cobalt	ND	0.0030									
Copper	ND	0.0050									
Lead	ND	0.0050									
Molybdenum	ND	0.0050									
Nickel	ND	0.0050									
Selenium	ND	0.010									
Silver	ND	0.0030									
Thallium	ND	0.015									
Vanadium	ND	0.0030									
Zinc	ND	0.010									

Sample ID **LCS-23310** SampType: **LCS** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **ICP6_050624E**
Client ID: **ZZZZZ** Batch ID: **23310** TestNo: **EPA 6010B (EPA 3010A)** Analysis Date: **6/24/2005** SeqNo: **756645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.9841	0.0050	1	0	98.4	85	115	0	0		
Arsenic	1.029	0.010	1	0	103	85	115	0	0		
Barium	1.043	0.0030	1	0	104	85	115	0	0		
Beryllium	0.9974	0.0030	1	0	99.7	85	115	0	0		
Cadmium	1.007	0.0030	1	0	101	85	115	0	0		
Chromium	1.02	0.0030	1	0	102	85	115	0	0		
Cobalt	0.9916	0.0030	1	0	99.2	85	115	0	0		
Copper	1.091	0.0050	1	0	109	85	115	0	0		
Lead	1.019	0.0050	1	0	102	85	115	0	0		

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CLIENT: Geocon Consultants, Inc.
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Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID **LCS-23310** SampType: **LCS** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **ICP6_050624E**
Client ID: **ZZZZZ** Batch ID: **23310** TestNo: **EPA 6010B (EPA 3010A)** Analysis Date: **6/24/2005** SeqNo: **756645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	1.02	0.0050	1	0	102	85	115	0	0		
Nickel	1.024	0.0050	1	0	102	85	115	0	0		
Selenium	0.9772	0.010	1	0	97.7	85	115	0	0		
Silver	1.049	0.0030	1	0	105	85	115	0	0		
Thallium	1.009	0.015	1	0	101	85	115	0	0		
Vanadium	1.017	0.0030	1	0	102	85	115	0	0		
Zinc	1.032	0.010	1	0	103	85	115	0	0		

Sample ID **077189-002BMS** SampType: **MS** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **ICP6_050624E**
Client ID: **ZZZZZ** Batch ID: **23310** TestNo: **EPA 6010B (EPA 3010A)** Analysis Date: **6/24/2005** SeqNo: **756590**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.463	0.050	2.5	0	98.5	67	129	0	0		
Arsenic	2.975	0.10	2.5	0.2781	108	73	124	0	0		
Barium	2.589	0.030	2.5	0.04637	102	67	127	0	0		
Beryllium	2.575	0.030	2.5	0	103	76	122	0	0		
Cadmium	2.642	0.030	2.5	0.01808	105	72	116	0	0		
Chromium	2.534	0.030	2.5	0	101	72	123	0	0		
Cobalt	2.633	0.030	2.5	0.008599	105	72	119	0	0		
Copper	2.514	0.050	2.5	0	101	76	133	0	0		
Lead	2.535	0.050	2.5	0	101	67	120	0	0		
Molybdenum	2.656	0.050	2.5	0.09055	103	76	124	0	0		
Nickel	2.632	0.050	2.5	0	105	66	124	0	0		
Selenium	2.668	0.10	2.5	0.2532	96.6	75	121	0	0		
Silver	2.648	0.030	2.5	0	106	78	119	0	0		
Thallium	2.491	0.15	2.5	0	99.6	66	124	0	0		
Vanadium	2.623	0.030	2.5	0	105	75	122	0	0		
Zinc	2.643	0.10	2.5	0	106	72	120	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID **077189-002BMSD** SampType: **MSD** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **ICP6_050624E**
Client ID: **ZZZZZ** Batch ID: **23310** TestNo: **EPA 6010B** **(EPA 3010A)** Analysis Date: **6/24/2005** SeqNo: **756591**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.399	0.050	2.5	0	96	67	129	2.463	2.60	20	
Arsenic	2.878	0.10	2.5	0.2781	104	73	124	2.975	3.31	20	
Barium	2.5	0.030	2.5	0.04637	98.1	67	127	2.589	3.50	20	
Beryllium	2.477	0.030	2.5	0	99.1	76	122	2.575	3.88	20	
Cadmium	2.541	0.030	2.5	0.01808	101	72	116	2.642	3.91	20	
Chromium	2.418	0.030	2.5	0	96.7	72	123	2.534	4.71	20	
Cobalt	2.536	0.030	2.5	0.008599	101	72	119	2.633	3.76	20	
Copper	2.406	0.050	2.5	0	96.2	76	133	2.514	4.38	20	
Lead	2.457	0.050	2.5	0	98.3	67	120	2.535	3.13	20	
Molybdenum	2.571	0.050	2.5	0.09055	99.2	76	124	2.656	3.25	20	
Nickel	2.525	0.050	2.5	0	101	66	124	2.632	4.17	20	
Selenium	2.68	0.10	2.5	0.2532	97.1	75	121	2.668	0.475	20	
Silver	2.526	0.030	2.5	0	101	78	119	2.648	4.69	20	
Thallium	2.445	0.15	2.5	0	97.8	66	124	2.491	1.85	20	
Vanadium	2.502	0.030	2.5	0	100	75	122	2.623	4.70	20	
Zinc	2.542	0.10	2.5	0	102	72	120	2.643	3.89	20	

Sample ID **077213-001EDUP** SampType: **DUP** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **ICP6_050624E**
Client ID: **MW-1 HIGH** Batch ID: **23310** TestNo: **EPA 6010B** **(EPA 3010A)** Analysis Date: **6/24/2005** SeqNo: **756588**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.050	0	0	0	0	0	0	0	20	
Arsenic	ND	0.10	0	0	0	0	0	0	0	20	
Barium	0.06342	0.030	0	0	0	0	0	0.06499	2.45	20	
Beryllium	ND	0.030	0	0	0	0	0	0	0	20	
Cadmium	ND	0.030	0	0	0	0	0	0	0	20	
Chromium	0.0471	0.030	0	0	0	0	0	0.04999	5.95	20	
Cobalt	ND	0.030	0	0	0	0	0	0.01148	0	20	
Copper	ND	0.050	0	0	0	0	0	0	0	20	
Lead	ND	0.050	0	0	0	0	0	0	0	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID **077213-001EDUP** SampType: **DUP** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **ICP6_050624E**
Client ID: **MW-1 HIGH** Batch ID: **23310** TestNo: **EPA 6010B** **(EPA 3010A)** Analysis Date: **6/24/2005** SeqNo: **756588**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	ND	0.050	0	0	0	0	0	0	0	20	
Nickel	ND	0.050	0	0	0	0	0	0.04617	0	20	
Selenium	ND	0.10	0	0	0	0	0	0	0	20	
Silver	ND	0.030	0	0	0	0	0	0	0	20	
Thallium	ND	0.15	0	0	0	0	0	0	0	20	
Vanadium	0.03263	0.030	0	0	0	0	0	0.03286	0.723	20	
Zinc	ND	0.10	0	0	0	0	0	0	0	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 7470_W

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-23311	MBLK	7470_W	µg/L	6/24/2005	AA5_050624C
Client ID: ZZZZZ	Batch ID: 23311	TestNo: EPA 7470A	(EPA 7470)	Analysis Date: 6/24/2005	SeqNo: 756612

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.20									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-23311	LCS	7470_W	µg/L	6/24/2005	AA5_050624C
Client ID: ZZZZZ	Batch ID: 23311	TestNo: EPA 7470A	(EPA 7470)	Analysis Date: 6/24/2005	SeqNo: 756611

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	26.1	0.20	25	0	104	85	115	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
077028-002BMS	MS	7470_W	µg/L	6/24/2005	AA5_050624C
Client ID: ZZZZZ	Batch ID: 23311	TestNo: EPA 7470A	(EPA 7470)	Analysis Date: 6/24/2005	SeqNo: 756606

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	27.37	0.20	25	0	109	70	130	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
077028-002BMSD	MSD	7470_W	µg/L	6/24/2005	AA5_050624C
Client ID: ZZZZZ	Batch ID: 23311	TestNo: EPA 7470A	(EPA 7470)	Analysis Date: 6/24/2005	SeqNo: 756607

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	27.74	0.20	25	0	111	70	130	27.37	1.35	20	

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
077213-001EDUP	DUP	7470_W	µg/L	6/24/2005	AA5_050624C
Client ID: MW-1 HIGH	Batch ID: 23311	TestNo: EPA 7470A	(EPA 7470)	Analysis Date: 6/24/2005	SeqNo: 756605

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.20	0	0	0	0	0	0	0	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_DSL LL

Sample ID	MB-23279	SampType:	MBLK	TestCode:	8015_W_DSL	Units:	mg/L	Prep Date:	6/22/2005	Run ID:	GC7_BACK_050624A
Client ID:	ZZZZZ	Batch ID:	23279	TestNo:	EPA 8015B(M (EPA 3510C)			Analysis Date:	6/24/2005	SeqNo:	756485

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	0.050									

Sample ID	LCS-23279	SampType:	LCS	TestCode:	8015_W_DSL	Units:	mg/L	Prep Date:	6/22/2005	Run ID:	GC7_BACK_050624A
Client ID:	ZZZZZ	Batch ID:	23279	TestNo:	EPA 8015B(M (EPA 3510C)			Analysis Date:	6/24/2005	SeqNo:	756486

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	0.6635	0.050	1	0	66.3	62	127	0	0		

Sample ID	MB-23279MS	SampType:	MS	TestCode:	8015_W_DSL	Units:	mg/L	Prep Date:	6/22/2005	Run ID:	GC7_BACK_050624A
Client ID:	ZZZZZ	Batch ID:	23279	TestNo:	EPA 8015B(M (EPA 3510C)			Analysis Date:	6/24/2005	SeqNo:	756487

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	0.8145	0.050	1	0	81.4	50	120	0	0		

Sample ID	MB-23279MSD	SampType:	MSD	TestCode:	8015_W_DSL	Units:	mg/L	Prep Date:	6/22/2005	Run ID:	GC7_BACK_050624A
Client ID:	ZZZZZ	Batch ID:	23279	TestNo:	EPA 8015B(M (EPA 3510C)			Analysis Date:	6/24/2005	SeqNo:	756488

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	0.8443	0.050	1	0	84.4	50	120	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_GP LL

Sample ID	I062205MB2	SampType:	MBLK	TestCode:	8015_W_GP	Units:	mg/L	Prep Date:		Run ID:	GC6_050622A
Client ID:	ZZZZZ	Batch ID:	I05VW119	TestNo:	EPA 8015B(M			Analysis Date:	6/22/2005	SeqNo:	755652

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.050									

Sample ID	I062205LC2	SampType:	LCS	TestCode:	8015_W_GP	Units:	mg/L	Prep Date:		Run ID:	GC6_050622A
Client ID:	ZZZZZ	Batch ID:	I05VW119	TestNo:	EPA 8015B(M			Analysis Date:	6/23/2005	SeqNo:	755670

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.946	0.050	1	0	94.6	70	115	0	0		

Sample ID	I062205MB2MS	SampType:	MS	TestCode:	8015_W_GP	Units:	mg/L	Prep Date:		Run ID:	GC6_050622A
Client ID:	ZZZZZ	Batch ID:	I05VW119	TestNo:	EPA 8015B(M			Analysis Date:	6/22/2005	SeqNo:	755650

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.919	0.050	1	0	91.9	64	117	0	0		

Sample ID	I062205MB2MSD	SampType:	MSD	TestCode:	8015_W_GP	Units:	mg/L	Prep Date:		Run ID:	GC6_050622A
Client ID:	ZZZZZ	Batch ID:	I05VW119	TestNo:	EPA 8015B(M			Analysis Date:	6/22/2005	SeqNo:	755651

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.922	0.050	1	0	92.2	64	117	0.919	0.326	30	

Sample ID	077195-002BDUP	SampType:	DUP	TestCode:	8015_W_GP	Units:	mg/L	Prep Date:		Run ID:	GC6_050622A
Client ID:	ZZZZZ	Batch ID:	I05VW119	TestNo:	EPA 8015B(M			Analysis Date:	6/22/2005	SeqNo:	755656

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.050	0	0	0	0	0	0	0	30	

Qualifiers:
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID **A062105MB5** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: Run ID: **MS11_050622A**
Client ID: **ZZZZZ** Batch ID: **A05VW179** TestNo: **EPA 8260B** Analysis Date: **6/22/2005** SeqNo: **755561**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropene	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	0.50									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon tetrachloride	ND	0.50									

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CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID **A062105MB5** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: Run ID: **MS11_050622A**
Client ID: **ZZZZZ** Batch ID: **A05VW179** TestNo: **EPA 8260B** Analysis Date: **6/22/2005** SeqNo: **755561**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	0.50									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
Naphthalene	ND	0.50									
o-Xylene	ND	0.50									
sec-Butylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Butylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									

Qualifiers:
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DO- Surrogate dilute out
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CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID **A062105LC1** SampType: **LCS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: Run ID: **MS11_050622A**
Client ID: **ZZZZZ** Batch ID: **A05VW179** TestNo: **EPA 8260B** Analysis Date: **6/22/2005** SeqNo: **755558**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.25	0.50	20	0	101	83	126	0	0		
Benzene	21.31	0.50	20	0	107	96	128	0	0		
Chlorobenzene	20.48	0.50	20	0	102	81	119	0	0		
Toluene	21.21	0.50	20	0	106	96	128	0	0		
Trichloroethene	21.76	0.50	20	0	109	93	128	0	0		

Sample ID **A062105MB5MS** SampType: **MS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: Run ID: **MS11_050622A**
Client ID: **ZZZZZ** Batch ID: **A05VW179** TestNo: **EPA 8260B** Analysis Date: **6/22/2005** SeqNo: **755559**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	21.15	0.50	20	0	106	81	128	0	0		
Benzene	21.46	0.50	20	0	107	95	129	0	0		
Chlorobenzene	20.57	0.50	20	0	103	82	119	0	0		
Toluene	21.49	0.50	20	0	107	96	128	0	0		
Trichloroethene	22.22	0.50	20	0	111	84	135	0	0		

Sample ID **A062105MB5MSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: Run ID: **MS11_050622A**
Client ID: **ZZZZZ** Batch ID: **A05VW179** TestNo: **EPA 8260B** Analysis Date: **6/22/2005** SeqNo: **755560**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	21.03	0.50	20	0	105	81	128	21.15	0.569	30	
Benzene	21.65	0.50	20	0	108	95	129	21.46	0.881	30	
Chlorobenzene	21.05	0.50	20	0	105	82	119	20.57	2.31	30	
Toluene	21.77	0.50	20	0	109	96	128	21.49	1.29	30	
Trichloroethene	22.29	0.50	20	0	111	84	135	22.22	0.315	30	

Sample ID **077213-001ADUP** SampType: **DUP** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: Run ID: **MS11_050622A**
Client ID: **MW-1 HIGH** Batch ID: **A05VW179** TestNo: **EPA 8260B** Analysis Date: **6/23/2005** SeqNo: **755563**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
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CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID **077213-001ADUP** SampType: **DUP** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: Run ID: **MS11_050622A**
Client ID: **MW-1 HIGH** Batch ID: **A05VW179** TestNo: **EPA 8260B** Analysis Date: **6/23/2005** SeqNo: **755563**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,1,1-Trichloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	0.50	0	0	0	0	0	0	0	30	
1,1-Dichloropropene	ND	0.50	0	0	0	0	0	0	0	30	
1,2,3-Trichlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
1,2,3-Trichloropropane	ND	0.50	0	0	0	0	0	0	0	30	
1,2,4-Trichlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
1,2,4-Trimethylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.50	0	0	0	0	0	0	0	30	
1,2-Dibromoethane	ND	0.50	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	0.50	0	0	0	0	0	0	0	30	
1,3,5-Trimethylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
1,3-Dichloropropane	ND	0.50	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
2,2-Dichloropropane	ND	0.50	0	0	0	0	0	0	0	30	
2-Chlorotoluene	ND	0.50	0	0	0	0	0	0	0	30	
4-Chlorotoluene	ND	0.50	0	0	0	0	0	0	0	30	
4-Isopropyltoluene	ND	0.50	0	0	0	0	0	0	0	30	
Benzene	ND	0.50	0	0	0	0	0	0	0	30	
Bromobenzene	ND	0.50	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	0.50	0	0	0	0	0	0	0	30	
Bromoform	ND	0.50	0	0	0	0	0	0	0	30	
Bromomethane	ND	0.50	0	0	0	0	0	0	0	30	
Carbon tetrachloride	ND	0.50	0	0	0	0	0	0	0	30	

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CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID **077213-001ADUP** SampType: **DUP** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: Run ID: **MS11_050622A**
Client ID: **MW-1 HIGH** Batch ID: **A05VW179** TestNo: **EPA 8260B** Analysis Date: **6/23/2005** SeqNo: **755563**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
Chloroethane	ND	0.50	0	0	0	0	0	0	0	30	
Chloroform	ND	0.50	0	0	0	0	0	0	0	30	
Chloromethane	ND	0.50	0	0	0	0	0	0	0	30	
cis-1,2-Dichloroethene	ND	0.50	0	0	0	0	0	0	0	30	
cis-1,3-Dichloropropene	ND	0.50	0	0	0	0	0	0	0	30	
Dibromochloromethane	ND	0.50	0	0	0	0	0	0	0	30	
Dibromomethane	ND	0.50	0	0	0	0	0	0	0	30	
Dichlorodifluoromethane	ND	0.50	0	0	0	0	0	0	0	30	
Ethylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
Hexachlorobutadiene	ND	0.50	0	0	0	0	0	0	0	30	
Isopropylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
m,p-Xylene	ND	1.0	0	0	0	0	0	0	0	30	
Methylene chloride	ND	0.50	0	0	0	0	0	0	0	30	
n-Butylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
n-Propylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
Naphthalene	ND	0.50	0	0	0	0	0	0	0	30	
o-Xylene	ND	0.50	0	0	0	0	0	0	0	30	
sec-Butylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
Styrene	ND	0.50	0	0	0	0	0	0	0	30	
tert-Butylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
Tetrachloroethene	ND	0.50	0	0	0	0	0	0	0	30	
Toluene	ND	0.50	0	0	0	0	0	0.3	0	30	
trans-1,2-Dichloroethene	ND	0.50	0	0	0	0	0	0	0	30	
Trichloroethene	ND	0.50	0	0	0	0	0	0	0	30	
Trichlorofluoromethane	ND	0.50	0	0	0	0	0	0	0	30	
Vinyl chloride	ND	0.50	0	0	0	0	0	0	0	30	

Qualifiers:
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID	MB-23213	SampType:	MBLK	TestCode:	8270_W_FUL	Units:	µg/L	Prep Date:	6/20/2005	Run ID:	MS6_050620A
Client ID:	ZZZZZ	Batch ID:	23213	TestNo:	EPA 8270C	(EPA 3510C)		Analysis Date:	6/20/2005	SeqNo:	753546

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	10									
1,2-Dichlorobenzene	ND	10									
1,3-Dichlorobenzene	ND	10									
1,4-Dichlorobenzene	ND	10									
2,4,5-Trichlorophenol	ND	10									
2,4,6-Trichlorophenol	ND	10									
2,4-Dichlorophenol	ND	10									
2,4-Dimethylphenol	ND	10									
2,4-Dinitrophenol	ND	50									
2,4-Dinitrotoluene	ND	10									
2,6-Dinitrotoluene	ND	10									
2-Chloronaphthalene	ND	10									
2-Chlorophenol	ND	10									
2-Methylnaphthalene	ND	10									
2-Methylphenol	ND	10									
2-Nitroaniline	ND	50									
2-Nitrophenol	ND	10									
3,3´-Dichlorobenzidine	ND	20									
3-Nitroaniline	ND	50									
4,6-Dinitro-2-methylphenol	ND	50									
4-Bromophenyl-phenylether	ND	10									
4-Chloro-3-methylphenol	ND	50									
4-Chloroaniline	ND	20									
4-Chlorophenyl-phenylether	ND	10									
4-Methylphenol	ND	10									
4-Nitroaniline	ND	20									
4-Nitrophenol	ND	50									
Acenaphthene	ND	10									
Acenaphthylene	ND	10									
Anthracene	ND	10									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID **MB-23213** SampType: **MBLK** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **6/20/2005** Run ID: **MS6_050620A**
Client ID: **ZZZZZ** Batch ID: **23213** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **6/20/2005** SeqNo: **753546**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine (M)	ND	50									
Benzo(a)anthracene	ND	10									
Benzo(a)pyrene	ND	10									
Benzo(b)fluoranthene	ND	10									
Benzo(g,h,i)perylene	ND	10									
Benzo(k)fluoranthene	ND	10									
Benzoic acid	ND	50									
Benzyl alcohol	ND	20									
Bis(2-chloroethoxy)methane	ND	10									
Bis(2-chloroethyl)ether	ND	10									
Bis(2-chloroisopropyl)ether	ND	10									
Bis(2-ethylhexyl)phthalate	ND	10									
Butylbenzylphthalate	ND	10									
Chrysene	ND	10									
Di-n-butylphthalate	ND	10									
Di-n-octylphthalate	ND	10									
Dibenz(a,h)anthracene	ND	10									
Dibenzofuran	ND	10									
Diethylphthalate	ND	10									
Dimethylphthalate	ND	10									
Fluoranthene	ND	10									
Fluorene	ND	10									
Hexachlorobenzene	ND	10									
Hexachlorobutadiene	ND	20									
Hexachlorocyclopentadiene	ND	10									
Hexachloroethane	ND	10									
Indeno(1,2,3-cd)pyrene	ND	10									
Isophorone	ND	10									
N-Nitrosodi-n-propylamine	ND	10									
N-Nitrosodiphenylamine	ND	10									

Qualifiers:
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CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID	MB-23213	SampType:	MBLK	TestCode:	8270_W_FUL	Units:	µg/L	Prep Date:	6/20/2005	Run ID:	MS6_050620A
Client ID:	ZZZZZ	Batch ID:	23213	TestNo:	EPA 8270C	(EPA 3510C)		Analysis Date:	6/20/2005	SeqNo:	753546

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	10									
Nitrobenzene	ND	10									
Pentachlorophenol	ND	50									
Phenanthrene	ND	10									
Phenol	ND	10									
Pyrene	ND	10									

Sample ID	MB-23213	SampType:	MBLK	TestCode:	8270_W_FUL	Units:	µg/L	Prep Date:	6/20/2005	Run ID:	MS6_050620A
Client ID:	ZZZZZ	Batch ID:	23213	TestNo:	EPA 8270C	(EPA 3510C)		Analysis Date:	6/22/2005	SeqNo:	755470

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	10									
1,2-Dichlorobenzene	ND	10									
1,3-Dichlorobenzene	ND	10									
1,4-Dichlorobenzene	ND	10									
2,4,5-Trichlorophenol	ND	10									
2,4,6-Trichlorophenol	ND	10									
2,4-Dichlorophenol	ND	10									
2,4-Dimethylphenol	ND	10									
2,4-Dinitrophenol	ND	50									
2,4-Dinitrotoluene	ND	10									
2,6-Dinitrotoluene	ND	10									
2-Chloronaphthalene	ND	10									
2-Chlorophenol	ND	10									
2-Methylnaphthalene	ND	10									
2-Methylphenol	ND	10									
2-Nitroaniline	ND	50									
2-Nitrophenol	ND	10									
3,3´-Dichlorobenzidine	ND	20									
3-Nitroaniline	ND	50									

Qualifiers:
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J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID	MB-23213	SampType:	MBLK	TestCode:	8270_W_FUL	Units:	µg/L	Prep Date:	6/20/2005	Run ID:	MS6_050620A
Client ID:	ZZZZZ	Batch ID:	23213	TestNo:	EPA 8270C	(EPA 3510C)		Analysis Date:	6/22/2005	SeqNo:	755470

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,6-Dinitro-2-methylphenol	ND	50									
4-Bromophenyl-phenylether	ND	10									
4-Chloro-3-methylphenol	ND	50									
4-Chloroaniline	ND	20									
4-Chlorophenyl-phenylether	ND	10									
4-Methylphenol	ND	10									
4-Nitroaniline	ND	20									
4-Nitrophenol	ND	50									
Acenaphthene	ND	10									
Acenaphthylene	ND	10									
Anthracene	ND	10									
Benzidine (M)	ND	50									
Benzo(a)anthracene	ND	10									
Benzo(a)pyrene	ND	10									
Benzo(b)fluoranthene	ND	10									
Benzo(g,h,i)perylene	ND	10									
Benzo(k)fluoranthene	ND	10									
Benzoic acid	ND	50									
Benzyl alcohol	ND	20									
Bis(2-chloroethoxy)methane	ND	10									
Bis(2-chloroethyl)ether	ND	10									
Bis(2-chloroisopropyl)ether	ND	10									
Bis(2-ethylhexyl)phthalate	ND	10									
Butylbenzylphthalate	ND	10									
Chrysene	ND	10									
Di-n-butylphthalate	ND	10									
Di-n-octylphthalate	ND	10									
Dibenz(a,h)anthracene	ND	10									
Dibenzofuran	ND	10									
Diethylphthalate	ND	10									

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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID **MB-23213** SampType: **MBLK** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **6/20/2005** Run ID: **MS6_050620A**
Client ID: **ZZZZZ** Batch ID: **23213** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **6/22/2005** SeqNo: **755470**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethylphthalate	ND	10									
Fluoranthene	ND	10									
Fluorene	ND	10									
Hexachlorobenzene	ND	10									
Hexachlorobutadiene	ND	20									
Hexachlorocyclopentadiene	ND	10									
Hexachloroethane	ND	10									
Indeno(1,2,3-cd)pyrene	ND	10									
Isophorone	ND	10									
N-Nitrosodi-n-propylamine	ND	10									
N-Nitrosodiphenylamine	ND	10									
Naphthalene	ND	10									
Nitrobenzene	ND	10									
Pentachlorophenol	ND	50									
Phenanthrene	ND	10									
Phenol	ND	10									
Pyrene	ND	10									

Sample ID **LCS-23213** SampType: **LCS** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **6/20/2005** Run ID: **MS6_050620A**
Client ID: **ZZZZZ** Batch ID: **23213** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **6/20/2005** SeqNo: **753547**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	89.57	10	100	0	89.6	64	104	0	0		
1,4-Dichlorobenzene	74.34	10	100	0	74.3	59	97	0	0		
2,4-Dinitrotoluene	105.7	10	100	0	106	74	115	0	0		
2-Chlorophenol	74.2	10	100	0	74.2	65	96	0	0		
4-Chloro-3-methylphenol	100.7	50	100	0	101	78	108	0	0		
4-Nitrophenol	60.16	50	100	0	60.2	34	82	0	0		
Acenaphthene	99.16	10	100	0	99.2	64	101	0	0		
N-Nitrosodi-n-propylamine	87.69	10	100	0	87.7	55	112	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID **LCS-23213** SampType: **LCS** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **6/20/2005** Run ID: **MS6_050620A**
Client ID: **ZZZZZ** Batch ID: **23213** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **6/20/2005** SeqNo: **753547**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	100.2	50	100	0	100	74	127	0	0		
Phenol	35.36	10	100	0	35.4	33	59	0	0		
Pyrene	97	10	100	0	97	68	103	0	0		

Sample ID **LCS-23213** SampType: **LCS** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **6/20/2005** Run ID: **MS6_050620A**
Client ID: **ZZZZZ** Batch ID: **23213** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **6/22/2005** SeqNo: **755471**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	82.43	10	100	0	82.4	64	104	0	0		
1,4-Dichlorobenzene	67.7	10	100	0	67.7	59	97	0	0		
2,4-Dinitrotoluene	93.68	10	100	0	93.7	74	115	0	0		
2-Chlorophenol	66.42	10	100	0	66.4	65	96	0	0		
4-Chloro-3-methylphenol	89.92	50	100	0	89.9	78	108	0	0		
4-Nitrophenol	51.66	50	100	0	51.7	34	82	0	0		
Acenaphthene	88.82	10	100	0	88.8	64	101	0	0		
N-Nitrosodi-n-propylamine	76.46	10	100	0	76.5	55	112	0	0		
Pentachlorophenol	89.52	50	100	0	89.5	74	127	0	0		
Phenol	38.8	10	100	0	38.8	33	59	0	0		
Pyrene	85.18	10	100	0	85.2	68	103	0	0		

Sample ID **MB-23213MS** SampType: **MS** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **6/20/2005** Run ID: **MS6_050620A**
Client ID: **ZZZZZ** Batch ID: **23213** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **6/20/2005** SeqNo: **753548**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	87.04	10	100	0	87	63	104	0	0		
1,4-Dichlorobenzene	72.55	10	100	0	72.6	60	97	0	0		
2,4-Dinitrotoluene	102.7	10	100	0	103	77	114	0	0		
2-Chlorophenol	73.51	10	100	0	73.5	66	96	0	0		
4-Chloro-3-methylphenol	95.3	50	100	0	95.3	80	109	0	0		
4-Nitrophenol	ND	50	100	0	5.27	29	89	0	0		S

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 077213
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID **MB-23213MS** SampType: **MS** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **6/20/2005** Run ID: **MS6_050620A**
Client ID: **ZZZZZ** Batch ID: **23213** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **6/20/2005** SeqNo: **753548**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	96.33	10	100	0	96.3	65	102	0	0		
N-Nitrosodi-n-propylamine	83.26	10	100	0	83.3	56	113	0	0		
Pentachlorophenol	96.56	50	100	0	96.6	75	129	0	0		
Phenol	ND	10	100	0	5.39	31	62	0	0		S
Pyrene	92.94	10	100	0	92.9	72	101	0	0		

Sample ID **MB-23213MSD** SampType: **MSD** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **6/20/2005** Run ID: **MS6_050620A**
Client ID: **ZZZZZ** Batch ID: **23213** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **6/20/2005** SeqNo: **753549**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	85.75	10	100	87.04	-1.29	63	104	0	0		S
1,4-Dichlorobenzene	73.45	10	100	72.55	0.9	60	97	0	0		S
2,4-Dinitrotoluene	107.6	10	100	102.7	4.9	77	114	0	0		S
2-Chlorophenol	73.87	10	100	73.51	0.36	66	96	0	0		S
4-Chloro-3-methylphenol	97.33	50	100	95.3	2.03	80	109	0	0		S
4-Nitrophenol	ND	50	100	5.27	0.5	29	89	0	0		S
Acenaphthene	98.5	10	100	96.33	2.17	65	102	0	0		S
N-Nitrosodi-n-propylamine	79.91	10	100	83.26	-3.35	56	113	0	0		S
Pentachlorophenol	103.1	50	100	96.56	6.52	75	129	0	0		S
Phenol	ND	10	100	5.39	-0.43	31	62	0	0		S
Pyrene	97.29	10	100	92.94	4.35	72	101	0	0		S

Qualifiers:
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J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

CHAIN OF CUSTODY RECORD

Pg 1 of 1

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: [signature] Date: 062005

Method of Transport: Client ☑ ATL ☐ CA OverN ☐ FEDEX ☐ Other: UPS

Sample Condition Upon Receipt
1. CHILLED 5.9°C Y☑ N☐
2. HEADSPACE (VOA) Y☐ N☑
3. CONTAINER INTACT Y☑ N☐
4. SEALED Y☐ N☑
5. # OF SPLS MATCH COC Y☑ N☐
6. PRESERVED Y☑ N☐

Client: GEOCON
Attn: M. HANKO
Address: 2356 RESEARCH DR.
City LIVERMORE State CA Zip Code 94550
TEL: (925) 371-5900
FAX: (") " 5915

Project Name: TO-4 Project #: E8220-06-04 Sampler: (Printed Name) D. WATTS (Signature) [signature]

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
[signature]	6/17/05	1511	UPS	6/17/05	1511
			[signature]	062005	1020

I hereby authorize ATL to perform the work indicated below:
Project Mgr/Submitter: D. WATTS 6/17/05
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: SEE "CLIENT"
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
SEE ATTACHED INSTRUCTIONS

PLEASE RETURN COOLERS ASAP

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	07213-001	MW-1 HIGH	6/17/05	0954										X		E				

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

[redacted] groundwater samples will be analyzed for each of the following constituents:

- CAM 17 metals using EPA Test Method 6010/7421
- TPHg and TPHd using EPA Test Method 8015M
- Oil and grease [redacted] using EPA Test Method 1664
- VOCs using EPA Test Method 8260B
- SVOCs using EPA Test Method 8270C
- Total organic carbon (TOC) using EPA Test Method 415.1
- Total dissolved solids (TDS) using EPA Test Method 160.1
- Dissolved sulfide using EPA Test Method 9034/376.1
- CYANIDE USING " " " 335.2

All samples will be analyzed under a 7-day turn-around-time (unless otherwise necessitated by test method protocol) following sample submittal to the laboratory. [redacted]

- TRPH*1664 SG/HEM

* SILICA GEL Protocol 3630C

June 28, 2005

Matt Hanko
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550

TEL: (925) 371-5590
FAX: (925) 371-5915

RECEIVED
JUL 08 2005
By

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 077214

RE: T0-4, E8220-06-04

Attention: Matt Hanko

Enclosed are the results for sample(s) received on June 20, 2005 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Project: T0-4, E8220-06-04
Lab Order: 077214

CASE NARRATIVE

Analytical Comments for Method 8015 (Diesel/Motor Oil)

Silica Gel Cleanup was performed on sample 077214-001C, prior to the TPH-Diesel analysis, per client request.

Sample 077214-001C contains hydrocarbons within the diesel range that do not match the diesel pattern. Quantitation was based on a diesel standard.

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 LOW
Lab Order:	077214		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 2:26:00 PM
Lab ID:	077214-001A	**Matrix:**	GROUND WATER

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS11_050622A QC Batch: A05VW179 PrepDate Analyst: **MFR**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	6/23/2005
1,1,1-Trichloroethane	ND	0.50		µg/L	1	6/23/2005
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	6/23/2005
1,1,2-Trichloroethane	ND	0.50		µg/L	1	6/23/2005
1,1-Dichloroethane	ND	0.50		µg/L	1	6/23/2005
1,1-Dichloroethene	ND	0.50		µg/L	1	6/23/2005
1,1-Dichloropropene	ND	0.50		µg/L	1	6/23/2005
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	6/23/2005
1,2,3-Trichloropropane	ND	0.50		µg/L	1	6/23/2005
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	6/23/2005
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	6/23/2005
1,2-Dibromo-3-chloropropane	ND	0.50		µg/L	1	6/23/2005
1,2-Dibromoethane	ND	0.50		µg/L	1	6/23/2005
1,2-Dichlorobenzene	ND	0.50		µg/L	1	6/23/2005
1,2-Dichloroethane	ND	0.50		µg/L	1	6/23/2005
1,2-Dichloropropane	ND	0.50		µg/L	1	6/23/2005
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	6/23/2005
1,3-Dichlorobenzene	ND	0.50		µg/L	1	6/23/2005
1,3-Dichloropropane	ND	0.50		µg/L	1	6/23/2005
1,4-Dichlorobenzene	ND	0.50		µg/L	1	6/23/2005
2,2-Dichloropropane	ND	0.50		µg/L	1	6/23/2005
2-Chlorotoluene	ND	0.50		µg/L	1	6/23/2005
4-Chlorotoluene	ND	0.50		µg/L	1	6/23/2005
4-Isopropyltoluene	ND	0.50		µg/L	1	6/23/2005
Benzene	ND	0.50		µg/L	1	6/23/2005
Bromobenzene	ND	0.50		µg/L	1	6/23/2005
Bromodichloromethane	ND	0.50		µg/L	1	6/23/2005
Bromoform	ND	0.50		µg/L	1	6/23/2005
Bromomethane	ND	0.50		µg/L	1	6/23/2005
Carbon tetrachloride	ND	0.50		µg/L	1	6/23/2005
Chlorobenzene	ND	0.50		µg/L	1	6/23/2005
Chloroethane	ND	0.50		µg/L	1	6/23/2005
Chloroform	ND	0.50		µg/L	1	6/23/2005
Chloromethane	ND	0.50		µg/L	1	6/23/2005
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	6/23/2005
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	6/23/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *28-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 LOW
Lab Order:	077214		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 2:26:00 PM
Lab ID:	077214-001A	**Matrix:**	GROUND WATER

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS11_050622A QC Batch: A05VW179 PrepDate Analyst: **MFR**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromochloromethane	ND	0.50		µg/L	1	6/23/2005
Dibromomethane	ND	0.50		µg/L	1	6/23/2005
Dichlorodifluoromethane	ND	0.50		µg/L	1	6/23/2005
Ethylbenzene	ND	0.50		µg/L	1	6/23/2005
Hexachlorobutadiene	ND	0.50		µg/L	1	6/23/2005
Isopropylbenzene	ND	0.50		µg/L	1	6/23/2005
m,p-Xylene	ND	1.0		µg/L	1	6/23/2005
Methylene chloride	ND	0.50		µg/L	1	6/23/2005
n-Butylbenzene	ND	0.50		µg/L	1	6/23/2005
n-Propylbenzene	ND	0.50		µg/L	1	6/23/2005
Naphthalene	ND	0.50		µg/L	1	6/23/2005
o-Xylene	ND	0.50		µg/L	1	6/23/2005
sec-Butylbenzene	ND	0.50		µg/L	1	6/23/2005
Styrene	ND	0.50		µg/L	1	6/23/2005
tert-Butylbenzene	ND	0.50		µg/L	1	6/23/2005
Tetrachloroethene	ND	0.50		µg/L	1	6/23/2005
Toluene	ND	0.50		µg/L	1	6/23/2005
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	6/23/2005
Trichloroethene	ND	0.50		µg/L	1	6/23/2005
Trichlorofluoromethane	ND	0.50		µg/L	1	6/23/2005
Vinyl chloride	ND	0.50		µg/L	1	6/23/2005

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *28-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 LOW
Lab Order:	077214		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 2:26:00 PM
Lab ID:	077214-001B	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
				EPA 8015B(M)		
RunID: GC6_050622A	QC Batch: I05VW119			PrepDate		Analyst: **HH**
GRO	0.15	0.050		mg/L	1	6/22/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *28-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 LOW
Lab Order:	077214		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 2:26:00 PM
Lab ID:	077214-001C	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS BY GC/FID						
(EPA 3510C)			**EPA 8015B(M)**			
RunID: GC7_BACK_050624A	QC Batch: 23279			PrepDate	6/22/2005	Analyst: **CBR**
Diesel	0.074	0.050		mg/L	1	6/24/2005

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- DO - Surrogate Diluted Out
- S - Spike/Surrogate outside of limits due to matrix interfere
- H - Sample exceeded analytical holding time
- E - Value above quantitation range
- R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *28-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 LOW
Lab Order:	077214		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 2:26:00 PM
Lab ID:	077214-001D	**Matrix:**	GROUND WATER

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS
(EPA 3510C) **EPA 8270C**

RunID: MS6_050620A QC Batch: 23213 PrepDate 6/20/2005 Analyst: **JWS**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
1,2,4-Trichlorobenzene	ND	10		µg/L	1	6/22/2005
1,2-Dichlorobenzene	ND	10		µg/L	1	6/22/2005
1,3-Dichlorobenzene	ND	10		µg/L	1	6/22/2005
1,4-Dichlorobenzene	ND	10		µg/L	1	6/22/2005
2,4,5-Trichlorophenol	ND	10		µg/L	1	6/22/2005
2,4,6-Trichlorophenol	ND	10		µg/L	1	6/22/2005
2,4-Dichlorophenol	ND	10		µg/L	1	6/22/2005
2,4-Dimethylphenol	ND	10		µg/L	1	6/22/2005
2,4-Dinitrophenol	ND	50		µg/L	1	6/22/2005
2,4-Dinitrotoluene	ND	10		µg/L	1	6/22/2005
2,6-Dinitrotoluene	ND	10		µg/L	1	6/22/2005
2-Chloronaphthalene	ND	10		µg/L	1	6/22/2005
2-Chlorophenol	ND	10		µg/L	1	6/22/2005
2-Methylnaphthalene	ND	10		µg/L	1	6/22/2005
2-Nitroaniline	ND	50		µg/L	1	6/22/2005
2-Nitrophenol	ND	10		µg/L	1	6/22/2005
3,3´-Dichlorobenzidine	ND	20		µg/L	1	6/22/2005
3-Nitroaniline	ND	50		µg/L	1	6/22/2005
4,6-Dinitro-2-methylphenol	ND	50		µg/L	1	6/22/2005
4-Bromophenyl-phenylether	ND	10		µg/L	1	6/22/2005
4-Chloro-3-methylphenol	ND	50		µg/L	1	6/22/2005
4-Chloroaniline	ND	20		µg/L	1	6/22/2005
4-Chlorophenyl-phenylether	ND	10		µg/L	1	6/22/2005
4-Nitroaniline	ND	20		µg/L	1	6/22/2005
4-Nitrophenol	ND	50		µg/L	1	6/22/2005
Acenaphthene	ND	10		µg/L	1	6/22/2005
Acenaphthylene	ND	10		µg/L	1	6/22/2005
Anthracene	ND	10		µg/L	1	6/22/2005
Benzidine (M)	ND	50		µg/L	1	6/22/2005
Benzo(a)anthracene	ND	10		µg/L	1	6/22/2005
Benzo(a)pyrene	ND	10		µg/L	1	6/22/2005
Benzo(b)fluoranthene	ND	10		µg/L	1	6/22/2005
Benzo(g,h,i)perylene	ND	10		µg/L	1	6/22/2005
Benzo(k)fluoranthene	ND	10		µg/L	1	6/22/2005
Benzoic acid	ND	50		µg/L	1	6/22/2005
Benzyl alcohol	ND	20		µg/L	1	6/22/2005

Qualifiers:

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H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *28-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 LOW
Lab Order:	077214		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 2:26:00 PM
Lab ID:	077214-001D	**Matrix:**	GROUND WATER

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 3510C) **EPA 8270C**

RunID: MS6_050620A QC Batch: 23213 PrepDate 6/20/2005 Analyst: **JWS**

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	6/22/2005
Bis(2-chloroethyl)ether	ND	10		µg/L	1	6/22/2005
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	6/22/2005
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	6/22/2005
Butylbenzylphthalate	ND	10		µg/L	1	6/22/2005
Chrysene	ND	10		µg/L	1	6/22/2005
Di-n-butylphthalate	ND	10		µg/L	1	6/22/2005
Di-n-octylphthalate	ND	10		µg/L	1	6/22/2005
Dibenz(a,h)anthracene	ND	10		µg/L	1	6/22/2005
Dibenzofuran	ND	10		µg/L	1	6/22/2005
Diethylphthalate	ND	10		µg/L	1	6/22/2005
Dimethylphthalate	ND	10		µg/L	1	6/22/2005
Fluoranthene	ND	10		µg/L	1	6/22/2005
Fluorene	ND	10		µg/L	1	6/22/2005
Hexachlorobenzene	ND	10		µg/L	1	6/22/2005
Hexachlorobutadiene	ND	20		µg/L	1	6/22/2005
Hexachlorocyclopentadiene	ND	10		µg/L	1	6/22/2005
Hexachloroethane	ND	10		µg/L	1	6/22/2005
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	6/22/2005
Isophorone	ND	10		µg/L	1	6/22/2005
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	6/22/2005
N-Nitrosodiphenylamine	ND	10		µg/L	1	6/22/2005
Naphthalene	ND	10		µg/L	1	6/22/2005
Nitrobenzene	ND	10		µg/L	1	6/22/2005
Pentachlorophenol	ND	50		µg/L	1	6/22/2005
Phenanthrene	ND	10		µg/L	1	6/22/2005
Phenol	ND	10		µg/L	1	6/22/2005
Pyrene	ND	10		µg/L	1	6/22/2005
2-Methylphenol	ND	10		µg/L	1	6/22/2005
4-Methylphenol	ND	10		µg/L	1	6/22/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Date: *28-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 LOW
Lab Order:	077214		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 2:26:00 PM
Lab ID:	077214-001E	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
OIL & GREASE						
	(EPA 1664 _HEM)		**EPA 1664 _HEM**			
RunID: WETCHEM2_050624B	QC Batch: 23324			PrepDate	6/24/2005	Analyst: **MFP**
Oil & Grease	ND	4.5		mg/L	1	6/24/2005
TOTAL PETROLEUM HYDROCARBONS						
	(EPA 1664_SGT/HEM)		**EPA 1664_SGT/HEM**			
RunID: WETCHEM2_050624D	QC Batch: 23325			PrepDate	6/24/2005	Analyst: **MFP**
Total Petroleum Hydrocarbons	ND	2.3		mg/L	1	6/24/2005

Qualifiers:

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H - Sample exceeded analytical holding time
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Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *28-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 LOW
Lab Order:	077214		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 2:26:00 PM
Lab ID:	077214-001F	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	(EPA 3010A)			**EPA 6010B**		
RunID: ICP6_050624E	QC Batch: 23310			PrepDate	6/24/2005	Analyst: **RQ**
Antimony	ND	0.050		mg/L	10	6/24/2005
Arsenic	ND	0.10		mg/L	10	6/24/2005
Barium	0.087	0.030		mg/L	10	6/24/2005
Beryllium	ND	0.030		mg/L	10	6/24/2005
Cadmium	ND	0.030		mg/L	10	6/24/2005
Chromium	0.068	0.030		mg/L	10	6/24/2005
Cobalt	ND	0.030		mg/L	10	6/24/2005
Copper	ND	0.050		mg/L	10	6/24/2005
Lead	ND	0.050		mg/L	10	6/24/2005
Molybdenum	ND	0.050		mg/L	10	6/24/2005
Nickel	0.061	0.050		mg/L	10	6/24/2005
Selenium	ND	0.10		mg/L	10	6/24/2005
Silver	ND	0.030		mg/L	10	6/24/2005
Thallium	ND	0.15		mg/L	10	6/24/2005
Vanadium	0.044	0.030		mg/L	10	6/24/2005
Zinc	ND	0.10		mg/L	10	6/24/2005
MERCURY BY COLD VAPOR TECHNIQUE						
	(EPA 7470)			**EPA 7470A**		
RunID: AA5_050624C	QC Batch: 23311			PrepDate	6/24/2005	Analyst: **JT**
Mercury	ND	0.20		µg/L	1	6/24/2005

Qualifiers:

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R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *28-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 LOW
Lab Order:	077214		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 2:26:00 PM
Lab ID:	077214-001G	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON						
			EPA 415.1			
RunID: TOC2_050622A	QC Batch: R51388			PrepDate		Analyst: **JT**
Organic Carbon, Total	12	3.0		mg/L	1	6/22/2005

Qualifiers:

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DO - Surrogate Diluted Out
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H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

Advanced Technology Laboratories

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Advanced Technology Laboratories

Date: *28-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 LOW
Lab Order:	077214		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 2:26:00 PM
Lab ID:	077214-001H	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL FILTERABLE RESIDUE IN WATER						
			EPA 160.1			
RunID: WETCHEM_050624A	QC Batch: R51447			PrepDate	6/23/2005	Analyst: **EG**
Total Dissolved Solids (Residue, Filterable)	420	10		mg/L	1	6/24/2005

Qualifiers:

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Advanced Technology Laboratories

Date: *28-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 LOW
Lab Order:	077214		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 2:26:00 PM
Lab ID:	077214-001I	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
SULFIDE, DISSOLVED						
				EPA 376.2		
RunID: WETCHEM3_050623C	QC Batch: R51442			PrepDate		Analyst: **RSJ**
Sulfide	0.41	0.050		mg/L	1	6/23/2005

Qualifiers:

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interfere
H - Sample exceeded analytical holding time
E - Value above quantitation range
R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *28-Jun-05*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	MW-1 LOW
Lab Order:	077214		
Project:	T0-4, E8220-06-04	**Collection Date:**	6/17/2005 2:26:00 PM
Lab ID:	077214-001J	**Matrix:**	GROUND WATER

Analyte	Result	PQL	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL						
				EPA 335.2		
RunID: WETCHEM3_050622D	QC Batch: R51369			PrepDate	6/22/2005	Analyst: **RSJ**
Cyanide	ND	0.010		mg/L	1	6/22/2005

Qualifiers:

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- S - Spike/Surrogate outside of limits due to matrix interfere
- H - Sample exceeded analytical holding time
- E - Value above quantitation range
- R - RPD outside acceptable recovery limits

Results are wet unless otherwise specified

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Advanced Technology Laboratories

Date: *28-Jun-05*

CLIENT: Geocon Consultants, Inc.
Work Order: 077214
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 160.1_W

Sample ID **MB-R51447** SampType: **MBLK** TestCode: **160.1_W** Units: **mg/L** Prep Date: **6/23/2005** Run ID: **WETCHEM_050624A**
Client ID: **ZZZZZ** Batch ID: **R51447** TestNo: **EPA 160.1** Analysis Date: **6/24/2005** SeqNo: **756355**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	ND	10									

Sample ID **077214-001HDUP** SampType: **DUP** TestCode: **160.1_W** Units: **mg/L** Prep Date: **6/23/2005** Run ID: **WETCHEM_050624A**
Client ID: **MW-1 LOW** Batch ID: **R51447** TestNo: **EPA 160.1** Analysis Date: **6/24/2005** SeqNo: **756356**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	404	10	0	0	0	0	0	422	4.36	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Consultants, Inc.
Work Order: 077214
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 1664_HEM_W

Sample ID **MB-23324** SampType: **MBLK** TestCode: **1664_HEM_** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **WETCHEM2_050624B**
Client ID: **ZZZZZ** Batch ID: **23324** TestNo: **EPA 1664 _H** **(EPA 1664 _H** Analysis Date: **6/24/2005** SeqNo: **756794**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	ND	4.0									

Sample ID **LCS-23324** SampType: **LCS** TestCode: **1664_HEM_** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **WETCHEM2_050624B**
Client ID: **ZZZZZ** Batch ID: **23324** TestNo: **EPA 1664 _H** **(EPA 1664 _H** Analysis Date: **6/24/2005** SeqNo: **756793**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	38.6	4.0	40	0	96.5	80	120	0	0		

Sample ID **MB-23324MS** SampType: **MS** TestCode: **1664_HEM_** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **WETCHEM2_050624B**
Client ID: **ZZZZZ** Batch ID: **23324** TestNo: **EPA 1664 _H** **(EPA 1664 _H** Analysis Date: **6/24/2005** SeqNo: **756795**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	39.2	4.0	40	0	98	80	120	0	0		

Sample ID **MB-23324MSD** SampType: **MSD** TestCode: **1664_HEM_** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **WETCHEM2_050624B**
Client ID: **ZZZZZ** Batch ID: **23324** TestNo: **EPA 1664 _H** **(EPA 1664 _H** Analysis Date: **6/24/2005** SeqNo: **756796**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease	38.1	4.0	40	0	95.2	80	120	39.2	2.85	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

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CLIENT: Geocon Consultants, Inc.
Work Order: 077214
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 1664_SGT/HEM_W

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-23325	MBLK	1664_SGT/H	mg/L	6/24/2005	WETCHEM2_050624D
Client ID: ZZZZZ	Batch ID: 23325	TestNo: EPA 1664_S (EPA 1664_S		Analysis Date: 6/24/2005	SeqNo: 756818

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	ND	2.0									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-23325	LCS	1664_SGT/H	mg/L	6/24/2005	WETCHEM2_050624D
Client ID: ZZZZZ	Batch ID: 23325	TestNo: EPA 1664_S (EPA 1664_S		Analysis Date: 6/24/2005	SeqNo: 756817

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	18.2	2.0	20	0	91	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-23325MS	MS	1664_SGT/H	mg/L	6/24/2005	WETCHEM2_050624D
Client ID: ZZZZZ	Batch ID: 23325	TestNo: EPA 1664_S (EPA 1664_S		Analysis Date: 6/24/2005	SeqNo: 756819

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	18.6	2.0	20	0	93	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-23325MSD	MSD	1664_SGT/H	mg/L	6/24/2005	WETCHEM2_050624D
Client ID: ZZZZZ	Batch ID: 23325	TestNo: EPA 1664_S (EPA 1664_S		Analysis Date: 6/24/2005	SeqNo: 756820

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Petroleum Hydrocarbons	19	2.0	20	0	95	80	120	18.6	2.13	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 335.2_W

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-R51369	MBLK	335.2_W	mg/L	6/22/2005	WETCHEM3_050622D
Client ID: ZZZZZ	Batch ID: R51369	TestNo: EPA 335.2		Analysis Date: 6/22/2005	SeqNo: 755301

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	ND	0.010									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-R51369	LCS	335.2_W	mg/L	6/22/2005	WETCHEM3_050622D
Client ID: ZZZZZ	Batch ID: R51369	TestNo: EPA 335.2		Analysis Date: 6/22/2005	SeqNo: 755300

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.383	0.010	0.4	0	95.8	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
077135-003EMS	MS	335.2_W	mg/L	6/22/2005	WETCHEM3_050622D
Client ID: ZZZZZ	Batch ID: R51369	TestNo: EPA 335.2		Analysis Date: 6/22/2005	SeqNo: 755302

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.366	0.010	0.4	0	91.5	80	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
077135-003EMSD	MSD	335.2_W	mg/L	6/22/2005	WETCHEM3_050622D
Client ID: ZZZZZ	Batch ID: R51369	TestNo: EPA 335.2		Analysis Date: 6/22/2005	SeqNo: 755303

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.367	0.010	0.4	0	91.8	80	120	0.366	0.273	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 376.2_W_D

Sample ID **MB-R51442** SampType: **MBLK** TestCode: **376.2_W_D** Units: **mg/L** Prep Date: Run ID: **WETCHEM3_050623C**
Client ID: **ZZZZZ** Batch ID: **R51442** TestNo: **EPA 376.2** Analysis Date: **6/23/2005** SeqNo: **756265**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide	ND	0.050									

Sample ID **LCS-R51442** SampType: **LCS** TestCode: **376.2_W_D** Units: **mg/L** Prep Date: Run ID: **WETCHEM3_050623C**
Client ID: **ZZZZZ** Batch ID: **R51442** TestNo: **EPA 376.2** Analysis Date: **6/23/2005** SeqNo: **756264**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide	0.969	0.050	1	0	96.9	80	120	0	0		

Sample ID **077290-001CMS** SampType: **MS** TestCode: **376.2_W_D** Units: **mg/L** Prep Date: Run ID: **WETCHEM3_050623C**
Client ID: **ZZZZZ** Batch ID: **R51442** TestNo: **EPA 376.2** Analysis Date: **6/23/2005** SeqNo: **756266**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide	0.874	0.050	1	0	87.4	70	120	0	0		

Sample ID **077290-001CMSD** SampType: **MSD** TestCode: **376.2_W_D** Units: **mg/L** Prep Date: Run ID: **WETCHEM3_050623C**
Client ID: **ZZZZZ** Batch ID: **R51442** TestNo: **EPA 376.2** Analysis Date: **6/23/2005** SeqNo: **756267**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide	0.968	0.050	1	0	96.8	70	120	0.874	10.2	20	

Sample ID **077213-001HDUP** SampType: **DUP** TestCode: **376.2_W_D** Units: **mg/L** Prep Date: Run ID: **WETCHEM3_050623C**
Client ID: **ZZZZZ** Batch ID: **R51442** TestNo: **EPA 376.2** Analysis Date: **6/23/2005** SeqNo: **756268**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide	0.397	0.050	0	0	0	0	0	0.431	8.21	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 415.1_W

Sample ID **MB-R51388** SampType: **MBLK** TestCode: **415.1_W** Units: **mg/L** Prep Date: Run ID: **TOC2_050622A**
Client ID: **ZZZZZ** Batch ID: **R51388** TestNo: **EPA 415.1** Analysis Date: **6/22/2005** SeqNo: **755544**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	ND	3.0									

Sample ID **LCS-R51388** SampType: **LCS** TestCode: **415.1_W** Units: **mg/L** Prep Date: Run ID: **TOC2_050622A**
Client ID: **ZZZZZ** Batch ID: **R51388** TestNo: **EPA 415.1** Analysis Date: **6/22/2005** SeqNo: **755543**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	19.75	3.0	20	0	98.8	80	120	0	0		

Sample ID **077295-003AMS** SampType: **MS** TestCode: **415.1_W** Units: **mg/L** Prep Date: Run ID: **TOC2_050622A**
Client ID: **ZZZZZ** Batch ID: **R51388** TestNo: **EPA 415.1** Analysis Date: **6/22/2005** SeqNo: **755541**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	31.02	3.0	20	8.621	112	76	125	0	0		

Sample ID **077295-003AMSD** SampType: **MSD** TestCode: **415.1_W** Units: **mg/L** Prep Date: Run ID: **TOC2_050622A**
Client ID: **ZZZZZ** Batch ID: **R51388** TestNo: **EPA 415.1** Analysis Date: **6/22/2005** SeqNo: **755542**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	30.51	3.0	20	8.621	109	76	125	31.02	1.66	14	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID	MB-23310	SampType:	MBLK	TestCode:	6010_W	Units:	mg/L	Prep Date:	6/24/2005	Run ID:	ICP6_050624E
Client ID:	ZZZZZ	Batch ID:	23310	TestNo:	EPA 6010B	(EPA 3010A)		Analysis Date:	6/24/2005	SeqNo:	756585

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0050									
Arsenic	ND	0.010									
Barium	ND	0.0030									
Beryllium	ND	0.0030									
Cadmium	ND	0.0030									
Chromium	ND	0.0030									
Cobalt	ND	0.0030									
Copper	ND	0.0050									
Lead	ND	0.0050									
Molybdenum	ND	0.0050									
Nickel	ND	0.0050									
Selenium	ND	0.010									
Silver	ND	0.0030									
Thallium	ND	0.015									
Vanadium	ND	0.0030									
Zinc	ND	0.010									

Sample ID	LCS-23310	SampType:	LCS	TestCode:	6010_W	Units:	mg/L	Prep Date:	6/24/2005	Run ID:	ICP6_050624E
Client ID:	ZZZZZ	Batch ID:	23310	TestNo:	EPA 6010B	(EPA 3010A)		Analysis Date:	6/24/2005	SeqNo:	756645

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.9841	0.0050	1	0	98.4	85	115	0	0		
Arsenic	1.029	0.010	1	0	103	85	115	0	0		
Barium	1.043	0.0030	1	0	104	85	115	0	0		
Beryllium	0.9974	0.0030	1	0	99.7	85	115	0	0		
Cadmium	1.007	0.0030	1	0	101	85	115	0	0		
Chromium	1.02	0.0030	1	0	102	85	115	0	0		
Cobalt	0.9916	0.0030	1	0	99.2	85	115	0	0		
Copper	1.091	0.0050	1	0	109	85	115	0	0		
Lead	1.019	0.0050	1	0	102	85	115	0	0		

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Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID **LCS-23310** SampType: **LCS** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **ICP6_050624E**
Client ID: **ZZZZZ** Batch ID: **23310** TestNo: **EPA 6010B** **(EPA 3010A)** Analysis Date: **6/24/2005** SeqNo: **756645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	1.02	0.0050	1	0	102	85	115	0	0		
Nickel	1.024	0.0050	1	0	102	85	115	0	0		
Selenium	0.9772	0.010	1	0	97.7	85	115	0	0		
Silver	1.049	0.0030	1	0	105	85	115	0	0		
Thallium	1.009	0.015	1	0	101	85	115	0	0		
Vanadium	1.017	0.0030	1	0	102	85	115	0	0		
Zinc	1.032	0.010	1	0	103	85	115	0	0		

Sample ID **077189-002BMS** SampType: **MS** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **ICP6_050624E**
Client ID: **ZZZZZ** Batch ID: **23310** TestNo: **EPA 6010B** **(EPA 3010A)** Analysis Date: **6/24/2005** SeqNo: **756590**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.463	0.050	2.5	0	98.5	67	129	0	0		
Arsenic	2.975	0.10	2.5	0.2781	108	73	124	0	0		
Barium	2.589	0.030	2.5	0.04637	102	67	127	0	0		
Beryllium	2.575	0.030	2.5	0	103	76	122	0	0		
Cadmium	2.642	0.030	2.5	0.01808	105	72	116	0	0		
Chromium	2.534	0.030	2.5	0	101	72	123	0	0		
Cobalt	2.633	0.030	2.5	0.008599	105	72	119	0	0		
Copper	2.514	0.050	2.5	0	101	76	133	0	0		
Lead	2.535	0.050	2.5	0	101	67	120	0	0		
Molybdenum	2.656	0.050	2.5	0.09055	103	76	124	0	0		
Nickel	2.632	0.050	2.5	0	105	66	124	0	0		
Selenium	2.668	0.10	2.5	0.2532	96.6	75	121	0	0		
Silver	2.648	0.030	2.5	0	106	78	119	0	0		
Thallium	2.491	0.15	2.5	0	99.6	66	124	0	0		
Vanadium	2.623	0.030	2.5	0	105	75	122	0	0		
Zinc	2.643	0.10	2.5	0	106	72	120	0	0		

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID **077189-002BMSD** SampType: **MSD** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **ICP6_050624E**
Client ID: **ZZZZZ** Batch ID: **23310** TestNo: **EPA 6010B (EPA 3010A)** Analysis Date: **6/24/2005** SeqNo: **756591**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.399	0.050	2.5	0	96	67	129	2.463	2.60	20	
Arsenic	2.878	0.10	2.5	0.2781	104	73	124	2.975	3.31	20	
Barium	2.5	0.030	2.5	0.04637	98.1	67	127	2.589	3.50	20	
Beryllium	2.477	0.030	2.5	0	99.1	76	122	2.575	3.88	20	
Cadmium	2.541	0.030	2.5	0.01808	101	72	116	2.642	3.91	20	
Chromium	2.418	0.030	2.5	0	96.7	72	123	2.534	4.71	20	
Cobalt	2.536	0.030	2.5	0.008599	101	72	119	2.633	3.76	20	
Copper	2.406	0.050	2.5	0	96.2	76	133	2.514	4.38	20	
Lead	2.457	0.050	2.5	0	98.3	67	120	2.535	3.13	20	
Molybdenum	2.571	0.050	2.5	0.09055	99.2	76	124	2.656	3.25	20	
Nickel	2.525	0.050	2.5	0	101	66	124	2.632	4.17	20	
Selenium	2.68	0.10	2.5	0.2532	97.1	75	121	2.668	0.475	20	
Silver	2.526	0.030	2.5	0	101	78	119	2.648	4.69	20	
Thallium	2.445	0.15	2.5	0	97.8	66	124	2.491	1.85	20	
Vanadium	2.502	0.030	2.5	0	100	75	122	2.623	4.70	20	
Zinc	2.542	0.10	2.5	0	102	72	120	2.643	3.89	20	

Sample ID **077213-001EDUP** SampType: **DUP** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **ICP6_050624E**
Client ID: **ZZZZZ** Batch ID: **23310** TestNo: **EPA 6010B (EPA 3010A)** Analysis Date: **6/24/2005** SeqNo: **756588**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.050	0	0	0	0	0	0	0	20	
Arsenic	ND	0.10	0	0	0	0	0	0	0	20	
Barium	0.06342	0.030	0	0	0	0	0	0.06499	2.45	20	
Beryllium	ND	0.030	0	0	0	0	0	0	0	20	
Cadmium	ND	0.030	0	0	0	0	0	0	0	20	
Chromium	0.0471	0.030	0	0	0	0	0	0.04999	5.95	20	
Cobalt	ND	0.030	0	0	0	0	0	0.01148	0	20	
Copper	ND	0.050	0	0	0	0	0	0	0	20	
Lead	ND	0.050	0	0	0	0	0	0	0	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID **077213-001EDUP** SampType: **DUP** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/24/2005** Run ID: **ICP6_050624E**
Client ID: **ZZZZZ** Batch ID: **23310** TestNo: **EPA 6010B** **(EPA 3010A)** Analysis Date: **6/24/2005** SeqNo: **756588**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	ND	0.050	0	0	0	0	0	0	0	20	
Nickel	ND	0.050	0	0	0	0	0	0.04617	0	20	
Selenium	ND	0.10	0	0	0	0	0	0	0	20	
Silver	ND	0.030	0	0	0	0	0	0	0	20	
Thallium	ND	0.15	0	0	0	0	0	0	0	20	
Vanadium	0.03263	0.030	0	0	0	0	0	0.03286	0.723	20	
Zinc	ND	0.10	0	0	0	0	0	0	0	20	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 7470_W

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-23311	MBLK	7470_W	µg/L	6/24/2005	AA5_050624C
Client ID: ZZZZZ	Batch ID: 23311	TestNo: EPA 7470A	(EPA 7470)	Analysis Date: 6/24/2005	SeqNo: 756612

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.20									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-23311	LCS	7470_W	µg/L	6/24/2005	AA5_050624C
Client ID: ZZZZZ	Batch ID: 23311	TestNo: EPA 7470A	(EPA 7470)	Analysis Date: 6/24/2005	SeqNo: 756611

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	26.1	0.20	25	0	104	85	115	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
077028-002BMS	MS	7470_W	µg/L	6/24/2005	AA5_050624C
Client ID: ZZZZZ	Batch ID: 23311	TestNo: EPA 7470A	(EPA 7470)	Analysis Date: 6/24/2005	SeqNo: 756606

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	27.37	0.20	25	0	109	70	130	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
077028-002BMSD	MSD	7470_W	µg/L	6/24/2005	AA5_050624C
Client ID: ZZZZZ	Batch ID: 23311	TestNo: EPA 7470A	(EPA 7470)	Analysis Date: 6/24/2005	SeqNo: 756607

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	27.74	0.20	25	0	111	70	130	27.37	1.35	20	

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
077213-001EDUP	DUP	7470_W	µg/L	6/24/2005	AA5_050624C
Client ID: ZZZZZ	Batch ID: 23311	TestNo: EPA 7470A	(EPA 7470)	Analysis Date: 6/24/2005	SeqNo: 756605

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.20	0	0	0	0	0	0	0	30	

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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Consultants, Inc.
Work Order: 077214
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_DSL LL

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-23279	MBLK	8015_W_DSL	mg/L	6/22/2005	GC7_BACK_050624A
Client ID: ZZZZZ	Batch ID: 23279	TestNo: EPA 8015B(M (EPA 3510C)		Analysis Date: 6/24/2005	SeqNo: 756485

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	0.050									

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
LCS-23279	LCS	8015_W_DSL	mg/L	6/22/2005	GC7_BACK_050624A
Client ID: ZZZZZ	Batch ID: 23279	TestNo: EPA 8015B(M (EPA 3510C)		Analysis Date: 6/24/2005	SeqNo: 756486

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	0.6635	0.050	1	0	66.3	62	127	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-23279MS	MS	8015_W_DSL	mg/L	6/22/2005	GC7_BACK_050624A
Client ID: ZZZZZ	Batch ID: 23279	TestNo: EPA 8015B(M (EPA 3510C)		Analysis Date: 6/24/2005	SeqNo: 756487

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	0.8145	0.050	1	0	81.4	50	120	0	0		

Sample ID	SampType	TestCode	Units	Prep Date	Run ID
MB-23279MSD	MSD	8015_W_DSL	mg/L	6/22/2005	GC7_BACK_050624A
Client ID: ZZZZZ	Batch ID: 23279	TestNo: EPA 8015B(M (EPA 3510C)		Analysis Date: 6/24/2005	SeqNo: 756488

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	0.8443	0.050	1	0	84.4	50	120	0	0		

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Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_GP LL

Sample ID **I062205MB2** SampType: **MBLK** TestCode: **8015_W_GP** Units: **mg/L** Prep Date: Run ID: **GC6_050622A**
Client ID: **ZZZZZ** Batch ID: **I05VW119** TestNo: **EPA 8015B(M** Analysis Date: **6/22/2005** SeqNo: **755652**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.050									

Sample ID **I062205LC2** SampType: **LCS** TestCode: **8015_W_GP** Units: **mg/L** Prep Date: Run ID: **GC6_050622A**
Client ID: **ZZZZZ** Batch ID: **I05VW119** TestNo: **EPA 8015B(M** Analysis Date: **6/23/2005** SeqNo: **755670**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.946	0.050	1	0	94.6	70	115	0	0		

Sample ID **I062205MB2MS** SampType: **MS** TestCode: **8015_W_GP** Units: **mg/L** Prep Date: Run ID: **GC6_050622A**
Client ID: **ZZZZZ** Batch ID: **I05VW119** TestNo: **EPA 8015B(M** Analysis Date: **6/22/2005** SeqNo: **755650**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.919	0.050	1	0	91.9	64	117	0	0		

Sample ID **I062205MB2MSD** SampType: **MSD** TestCode: **8015_W_GP** Units: **mg/L** Prep Date: Run ID: **GC6_050622A**
Client ID: **ZZZZZ** Batch ID: **I05VW119** TestNo: **EPA 8015B(M** Analysis Date: **6/22/2005** SeqNo: **755651**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.922	0.050	1	0	92.2	64	117	0.919	0.326	30	

Sample ID **077195-002BDUP** SampType: **DUP** TestCode: **8015_W_GP** Units: **mg/L** Prep Date: Run ID: **GC6_050622A**
Client ID: **ZZZZZ** Batch ID: **I05VW119** TestNo: **EPA 8015B(M** Analysis Date: **6/22/2005** SeqNo: **755656**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.050	0	0	0	0	0	0	0	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID **A062105MB5** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: Run ID: **MS11_050622A**
Client ID: **ZZZZZ** Batch ID: **A05VW179** TestNo: **EPA 8260B** Analysis Date: **6/22/2005** SeqNo: **755561**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropene	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	0.50									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon tetrachloride	ND	0.50									

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CLIENT: Geocon Consultants, Inc.
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ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID	A062105MB5	SampType:	MBLK	TestCode:	8260_WP_LL	Units:	µg/L	Prep Date:		Run ID:	MS11_050622A
Client ID:	ZZZZZ	Batch ID:	A05VW179	TestNo:	EPA 8260B			Analysis Date:	6/22/2005	SeqNo:	755561

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	0.50									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
Naphthalene	ND	0.50									
o-Xylene	ND	0.50									
sec-Butylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Butylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID **A062105LC1** SampType: **LCS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: Run ID: **MS11_050622A**
Client ID: **ZZZZZ** Batch ID: **A05VW179** TestNo: **EPA 8260B** Analysis Date: **6/22/2005** SeqNo: **755558**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.25	0.50	20	0	101	83	126	0	0		
Benzene	21.31	0.50	20	0	107	96	128	0	0		
Chlorobenzene	20.48	0.50	20	0	102	81	119	0	0		
Toluene	21.21	0.50	20	0	106	96	128	0	0		
Trichloroethene	21.76	0.50	20	0	109	93	128	0	0		

Sample ID **A062105MB5MS** SampType: **MS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: Run ID: **MS11_050622A**
Client ID: **ZZZZZ** Batch ID: **A05VW179** TestNo: **EPA 8260B** Analysis Date: **6/22/2005** SeqNo: **755559**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	21.15	0.50	20	0	106	81	128	0	0		
Benzene	21.46	0.50	20	0	107	95	129	0	0		
Chlorobenzene	20.57	0.50	20	0	103	82	119	0	0		
Toluene	21.49	0.50	20	0	107	96	128	0	0		
Trichloroethene	22.22	0.50	20	0	111	84	135	0	0		

Sample ID **A062105MB5MSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: Run ID: **MS11_050622A**
Client ID: **ZZZZZ** Batch ID: **A05VW179** TestNo: **EPA 8260B** Analysis Date: **6/22/2005** SeqNo: **755560**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	21.03	0.50	20	0	105	81	128	21.15	0.569	30	
Benzene	21.65	0.50	20	0	108	95	129	21.46	0.881	30	
Chlorobenzene	21.05	0.50	20	0	105	82	119	20.57	2.31	30	
Toluene	21.77	0.50	20	0	109	96	128	21.49	1.29	30	
Trichloroethene	22.29	0.50	20	0	111	84	135	22.22	0.315	30	

Sample ID **077213-001ADUP** SampType: **DUP** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: Run ID: **MS11_050622A**
Client ID: **ZZZZZ** Batch ID: **A05VW179** TestNo: **EPA 8260B** Analysis Date: **6/23/2005** SeqNo: **755563**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID **077213-001ADUP** SampType: **DUP** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: Run ID: **MS11_050622A**
Client ID: **ZZZZZ** Batch ID: **A05VW179** TestNo: **EPA 8260B** Analysis Date: **6/23/2005** SeqNo: **755563**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,1,1-Trichloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	0.50	0	0	0	0	0	0	0	30	
1,1-Dichloropropene	ND	0.50	0	0	0	0	0	0	0	30	
1,2,3-Trichlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
1,2,3-Trichloropropane	ND	0.50	0	0	0	0	0	0	0	30	
1,2,4-Trichlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
1,2,4-Trimethylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.50	0	0	0	0	0	0	0	30	
1,2-Dibromoethane	ND	0.50	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	0.50	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	0.50	0	0	0	0	0	0	0	30	
1,3,5-Trimethylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
1,3-Dichloropropane	ND	0.50	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
2,2-Dichloropropane	ND	0.50	0	0	0	0	0	0	0	30	
2-Chlorotoluene	ND	0.50	0	0	0	0	0	0	0	30	
4-Chlorotoluene	ND	0.50	0	0	0	0	0	0	0	30	
4-Isopropyltoluene	ND	0.50	0	0	0	0	0	0	0	30	
Benzene	ND	0.50	0	0	0	0	0	0	0	30	
Bromobenzene	ND	0.50	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	0.50	0	0	0	0	0	0	0	30	
Bromoform	ND	0.50	0	0	0	0	0	0	0	30	
Bromomethane	ND	0.50	0	0	0	0	0	0	0	30	
Carbon tetrachloride	ND	0.50	0	0	0	0	0	0	0	30	

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ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID **077213-001ADUP** SampType: **DUP** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: Run ID: **MS11_050622A**
Client ID: **ZZZZZ** Batch ID: **A05VW179** TestNo: **EPA 8260B** Analysis Date: **6/23/2005** SeqNo: **755563**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.50	0	0	0	0	0	0	0	30	
Chloroethane	ND	0.50	0	0	0	0	0	0	0	30	
Chloroform	ND	0.50	0	0	0	0	0	0	0	30	
Chloromethane	ND	0.50	0	0	0	0	0	0	0	30	
cis-1,2-Dichloroethene	ND	0.50	0	0	0	0	0	0	0	30	
cis-1,3-Dichloropropene	ND	0.50	0	0	0	0	0	0	0	30	
Dibromochloromethane	ND	0.50	0	0	0	0	0	0	0	30	
Dibromomethane	ND	0.50	0	0	0	0	0	0	0	30	
Dichlorodifluoromethane	ND	0.50	0	0	0	0	0	0	0	30	
Ethylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
Hexachlorobutadiene	ND	0.50	0	0	0	0	0	0	0	30	
Isopropylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
m,p-Xylene	ND	1.0	0	0	0	0	0	0	0	30	
Methylene chloride	ND	0.50	0	0	0	0	0	0	0	30	
n-Butylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
n-Propylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
Naphthalene	ND	0.50	0	0	0	0	0	0	0	30	
o-Xylene	ND	0.50	0	0	0	0	0	0	0	30	
sec-Butylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
Styrene	ND	0.50	0	0	0	0	0	0	0	30	
tert-Butylbenzene	ND	0.50	0	0	0	0	0	0	0	30	
Tetrachloroethene	ND	0.50	0	0	0	0	0	0	0	30	
Toluene	ND	0.50	0	0	0	0	0	0.3	0	30	
trans-1,2-Dichloroethene	ND	0.50	0	0	0	0	0	0	0	30	
Trichloroethene	ND	0.50	0	0	0	0	0	0	0	30	
Trichlorofluoromethane	ND	0.50	0	0	0	0	0	0	0	30	
Vinyl chloride	ND	0.50	0	0	0	0	0	0	0	30	

Qualifiers:
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Work Order: 077214
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID	MB-23213	SampType:	MBLK	TestCode:	8270_W_FUL	Units:	µg/L	Prep Date:	6/20/2005	Run ID:	MS6_050620A
Client ID:	ZZZZZ	Batch ID:	23213	TestNo:	EPA 8270C	(EPA 3510C)		Analysis Date:	6/20/2005	SeqNo:	753546

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	10									
1,2-Dichlorobenzene	ND	10									
1,3-Dichlorobenzene	ND	10									
1,4-Dichlorobenzene	ND	10									
2,4,5-Trichlorophenol	ND	10									
2,4,6-Trichlorophenol	ND	10									
2,4-Dichlorophenol	ND	10									
2,4-Dimethylphenol	ND	10									
2,4-Dinitrophenol	ND	50									
2,4-Dinitrotoluene	ND	10									
2,6-Dinitrotoluene	ND	10									
2-Chloronaphthalene	ND	10									
2-Chlorophenol	ND	10									
2-Methylnaphthalene	ND	10									
2-Methylphenol	ND	10									
2-Nitroaniline	ND	50									
2-Nitrophenol	ND	10									
3,3´-Dichlorobenzidine	ND	20									
3-Nitroaniline	ND	50									
4,6-Dinitro-2-methylphenol	ND	50									
4-Bromophenyl-phenylether	ND	10									
4-Chloro-3-methylphenol	ND	50									
4-Chloroaniline	ND	20									
4-Chlorophenyl-phenylether	ND	10									
4-Methylphenol	ND	10									
4-Nitroaniline	ND	20									
4-Nitrophenol	ND	50									
Acenaphthene	ND	10									
Acenaphthylene	ND	10									
Anthracene	ND	10									

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Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID	MB-23213	SampType:	MBLK	TestCode:	8270_W_FUL	Units:	µg/L	Prep Date:	6/20/2005	Run ID:	MS6_050620A
Client ID:	ZZZZZ	Batch ID:	23213	TestNo:	EPA 8270C	(EPA 3510C)		Analysis Date:	6/20/2005	SeqNo:	753546

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine (M)	ND	50									
Benzo(a)anthracene	ND	10									
Benzo(a)pyrene	ND	10									
Benzo(b)fluoranthene	ND	10									
Benzo(g,h,i)perylene	ND	10									
Benzo(k)fluoranthene	ND	10									
Benzoic acid	ND	50									
Benzyl alcohol	ND	20									
Bis(2-chloroethoxy)methane	ND	10									
Bis(2-chloroethyl)ether	ND	10									
Bis(2-chloroisopropyl)ether	ND	10									
Bis(2-ethylhexyl)phthalate	ND	10									
Butylbenzylphthalate	ND	10									
Chrysene	ND	10									
Di-n-butylphthalate	ND	10									
Di-n-octylphthalate	ND	10									
Dibenz(a,h)anthracene	ND	10									
Dibenzofuran	ND	10									
Diethylphthalate	ND	10									
Dimethylphthalate	ND	10									
Fluoranthene	ND	10									
Fluorene	ND	10									
Hexachlorobenzene	ND	10									
Hexachlorobutadiene	ND	20									
Hexachlorocyclopentadiene	ND	10									
Hexachloroethane	ND	10									
Indeno(1,2,3-cd)pyrene	ND	10									
Isophorone	ND	10									
N-Nitrosodi-n-propylamine	ND	10									
N-Nitrosodiphenylamine	ND	10									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 077214
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID	MB-23213	SampType:	MBLK	TestCode:	8270_W_FUL	Units:	µg/L	Prep Date:	6/20/2005	Run ID:	MS6_050620A
Client ID:	ZZZZZ	Batch ID:	23213	TestNo:	EPA 8270C	(EPA 3510C)		Analysis Date:	6/20/2005	SeqNo:	753546

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	10									
Nitrobenzene	ND	10									
Pentachlorophenol	ND	50									
Phenanthrene	ND	10									
Phenol	ND	10									
Pyrene	ND	10									

Sample ID	MB-23213	SampType:	MBLK	TestCode:	8270_W_FUL	Units:	µg/L	Prep Date:	6/20/2005	Run ID:	MS6_050620A
Client ID:	ZZZZZ	Batch ID:	23213	TestNo:	EPA 8270C	(EPA 3510C)		Analysis Date:	6/22/2005	SeqNo:	755470

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	10									
1,2-Dichlorobenzene	ND	10									
1,3-Dichlorobenzene	ND	10									
1,4-Dichlorobenzene	ND	10									
2,4,5-Trichlorophenol	ND	10									
2,4,6-Trichlorophenol	ND	10									
2,4-Dichlorophenol	ND	10									
2,4-Dimethylphenol	ND	10									
2,4-Dinitrophenol	ND	50									
2,4-Dinitrotoluene	ND	10									
2,6-Dinitrotoluene	ND	10									
2-Chloronaphthalene	ND	10									
2-Chlorophenol	ND	10									
2-Methylnaphthalene	ND	10									
2-Methylphenol	ND	10									
2-Nitroaniline	ND	50									
2-Nitrophenol	ND	10									
3,3´-Dichlorobenzidine	ND	20									
3-Nitroaniline	ND	50									

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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 077214
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID	MB-23213	SampType:	MBLK	TestCode:	8270_W_FUL	Units:	µg/L	Prep Date:	6/20/2005	Run ID:	MS6_050620A
Client ID:	ZZZZZ	Batch ID:	23213	TestNo:	EPA 8270C	(EPA 3510C)		Analysis Date:	6/22/2005	SeqNo:	755470

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,6-Dinitro-2-methylphenol	ND	50									
4-Bromophenyl-phenylether	ND	10									
4-Chloro-3-methylphenol	ND	50									
4-Chloroaniline	ND	20									
4-Chlorophenyl-phenylether	ND	10									
4-Methylphenol	ND	10									
4-Nitroaniline	ND	20									
4-Nitrophenol	ND	50									
Acenaphthene	ND	10									
Acenaphthylene	ND	10									
Anthracene	ND	10									
Benzidine (M)	ND	50									
Benzo(a)anthracene	ND	10									
Benzo(a)pyrene	ND	10									
Benzo(b)fluoranthene	ND	10									
Benzo(g,h,i)perylene	ND	10									
Benzo(k)fluoranthene	ND	10									
Benzoic acid	ND	50									
Benzyl alcohol	ND	20									
Bis(2-chloroethoxy)methane	ND	10									
Bis(2-chloroethyl)ether	ND	10									
Bis(2-chloroisopropyl)ether	ND	10									
Bis(2-ethylhexyl)phthalate	ND	10									
Butylbenzylphthalate	ND	10									
Chrysene	ND	10									
Di-n-butylphthalate	ND	10									
Di-n-octylphthalate	ND	10									
Dibenz(a,h)anthracene	ND	10									
Dibenzofuran	ND	10									
Diethylphthalate	ND	10									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
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B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 077214
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID **MB-23213** SampType: **MBLK** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **6/20/2005** Run ID: **MS6_050620A**
Client ID: **ZZZZZ** Batch ID: **23213** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **6/22/2005** SeqNo: **755470**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethylphthalate	ND	10									
Fluoranthene	ND	10									
Fluorene	ND	10									
Hexachlorobenzene	ND	10									
Hexachlorobutadiene	ND	20									
Hexachlorocyclopentadiene	ND	10									
Hexachloroethane	ND	10									
Indeno(1,2,3-cd)pyrene	ND	10									
Isophorone	ND	10									
N-Nitrosodi-n-propylamine	ND	10									
N-Nitrosodiphenylamine	ND	10									
Naphthalene	ND	10									
Nitrobenzene	ND	10									
Pentachlorophenol	ND	50									
Phenanthrene	ND	10									
Phenol	ND	10									
Pyrene	ND	10									

Sample ID **LCS-23213** SampType: **LCS** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **6/20/2005** Run ID: **MS6_050620A**
Client ID: **ZZZZZ** Batch ID: **23213** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **6/20/2005** SeqNo: **753547**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	89.57	10	100	0	89.6	64	104	0	0		
1,4-Dichlorobenzene	74.34	10	100	0	74.3	59	97	0	0		
2,4-Dinitrotoluene	105.7	10	100	0	106	74	115	0	0		
2-Chlorophenol	74.2	10	100	0	74.2	65	96	0	0		
4-Chloro-3-methylphenol	100.7	50	100	0	101	78	108	0	0		
4-Nitrophenol	60.16	50	100	0	60.2	34	82	0	0		
Acenaphthene	99.16	10	100	0	99.2	64	101	0	0		
N-Nitrosodi-n-propylamine	87.69	10	100	0	87.7	55	112	0	0		

Qualifiers:
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Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
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CLIENT: Geocon Consultants, Inc.
Work Order: 077214
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID **LCS-23213** SampType: **LCS** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **6/20/2005** Run ID: **MS6_050620A**
Client ID: **ZZZZZ** Batch ID: **23213** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **6/20/2005** SeqNo: **753547**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	100.2	50	100	0	100	74	127	0	0		
Phenol	35.36	10	100	0	35.4	33	59	0	0		
Pyrene	97	10	100	0	97	68	103	0	0		

Sample ID **LCS-23213** SampType: **LCS** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **6/20/2005** Run ID: **MS6_050620A**
Client ID: **ZZZZZ** Batch ID: **23213** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **6/22/2005** SeqNo: **755471**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	82.43	10	100	0	82.4	64	104	0	0		
1,4-Dichlorobenzene	67.7	10	100	0	67.7	59	97	0	0		
2,4-Dinitrotoluene	93.68	10	100	0	93.7	74	115	0	0		
2-Chlorophenol	66.42	10	100	0	66.4	65	96	0	0		
4-Chloro-3-methylphenol	89.92	50	100	0	89.9	78	108	0	0		
4-Nitrophenol	51.66	50	100	0	51.7	34	82	0	0		
Acenaphthene	88.82	10	100	0	88.8	64	101	0	0		
N-Nitrosodi-n-propylamine	76.46	10	100	0	76.5	55	112	0	0		
Pentachlorophenol	89.52	50	100	0	89.5	74	127	0	0		
Phenol	38.8	10	100	0	38.8	33	59	0	0		
Pyrene	85.18	10	100	0	85.2	68	103	0	0		

Sample ID **MB-23213MS** SampType: **MS** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **6/20/2005** Run ID: **MS6_050620A**
Client ID: **ZZZZZ** Batch ID: **23213** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **6/20/2005** SeqNo: **753548**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	87.04	10	100	0	87	63	104	0	0		
1,4-Dichlorobenzene	72.55	10	100	0	72.6	60	97	0	0		
2,4-Dinitrotoluene	102.7	10	100	0	103	77	114	0	0		
2-Chlorophenol	73.51	10	100	0	73.5	66	96	0	0		
4-Chloro-3-methylphenol	95.3	50	100	0	95.3	80	109	0	0		
4-Nitrophenol	ND	50	100	0	5.27	29	89	0	0		S

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 077214
Project: T0-4, E8220-06-04

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_W_FULL

Sample ID **MB-23213MS** SampType: **MS** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **6/20/2005** Run ID: **MS6_050620A**
Client ID: **ZZZZZ** Batch ID: **23213** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **6/20/2005** SeqNo: **753548**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	96.33	10	100	0	96.3	65	102	0	0		
N-Nitrosodi-n-propylamine	83.26	10	100	0	83.3	56	113	0	0		
Pentachlorophenol	96.56	50	100	0	96.6	75	129	0	0		
Phenol	ND	10	100	0	5.39	31	62	0	0		S
Pyrene	92.94	10	100	0	92.9	72	101	0	0		

Sample ID **MB-23213MSD** SampType: **MSD** TestCode: **8270_W_FUL** Units: **µg/L** Prep Date: **6/20/2005** Run ID: **MS6_050620A**
Client ID: **ZZZZZ** Batch ID: **23213** TestNo: **EPA 8270C** **(EPA 3510C)** Analysis Date: **6/20/2005** SeqNo: **753549**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	85.75	10	100	87.04	-1.29	63	104	0	0		S
1,4-Dichlorobenzene	73.45	10	100	72.55	0.9	60	97	0	0		S
2,4-Dinitrotoluene	107.6	10	100	102.7	4.9	77	114	0	0		S
2-Chlorophenol	73.87	10	100	73.51	0.36	66	96	0	0		S
4-Chloro-3-methylphenol	97.33	50	100	95.3	2.03	80	109	0	0		S
4-Nitrophenol	ND	50	100	5.27	0.5	29	89	0	0		S
Acenaphthene	98.5	10	100	96.33	2.17	65	102	0	0		S
N-Nitrosodi-n-propylamine	79.91	10	100	83.26	-3.35	56	113	0	0		S
Pentachlorophenol	103.1	50	100	96.56	6.52	75	129	0	0		S
Phenol	ND	10	100	5.39	-0.43	31	62	0	0		S
Pyrene	97.29	10	100	92.94	4.35	72	101	0	0		S

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
Calculations are based on raw values
DO- Surrogate dilute out
H - Sample exceeded holding time

CHAIN OF CUSTODY RECORD

Pg 1 of 1

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: pn Date: 06/20/05

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: UPS

Sample Condition Upon Receipt
1. CHILLED 5.9°C Y ☑ N ☐ 4. SEALED Y ☐ N ☑
2. HEADSPACE (VOA) Y ☐ N ☑ 5. # OF SPLS MATCH COC Y ☑ N ☐
3. CONTAINER INTACT Y ☑ N ☐ 6. PRESERVED Y ☑ N ☑

Client: GEOCON
Attn: M. HANKO
Address: 2356 RESEARCH DR.
City LIVERMORE State CA Zip Code 94550
TEL: (925) 371-5900
FAX: (") " 5915

Project Name: TO-4 Project #: E8220-06-04 Sampler: (Printed Name) D. WATTS (Signature)

Relinquished by: (Signature and Printed Name) Date: 6/17/05 Time: 1511 Received by: (Signature and Printed Name) UPS Date: 6/17/05 Time: 1511
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 06/20/05 Time: 10AM
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr./Submitter: D. WATTS 6/17/05
Print Name Date
Signature

Send Report To:
Attn:
Co: SEE "CLIENT"
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments:
SEE ATTACHED INSTRUCTIONS

PLEASE RETURN COOLERS ASAP

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides), 8082 (PCB), 8260B (Volatiles), 8270C (BNA), 6010B (Total Metal), 8015B (GRO) / BTEX, 8015B (DRO)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A	8082	8260B	8270C	6010B	8015B (GRO) / BTEX	8015B (DRO)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	0712H-001	MW-1 LOW	6/17/05	1426										X		E				

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode ____ OTHER ____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

[redacted] groundwater samples will be analyzed for each of the following constituents:

- CAM 17 metals using EPA Test Method 6010/7421
- TPHg and TPHd* using EPA Test Method 8015M
- Oil* and grease* [redacted] using EPA Test Method 1664
- VOCs using EPA Test Method 8260B
- SVOCs using EPA Test Method 8270C
- Total organic carbon (TOC) using EPA Test Method 415.1
- Total dissolved solids (TDS) using EPA Test Method 160.1
- Dissolved sulfide using EPA Test Method 9034/376.1
- CYANIDE USING " " " 335.2

All samples will be analyzed under a 7-day turn-around-time (unless otherwise necessitated by test method protocol) following sample submittal to the laboratory. [redacted]

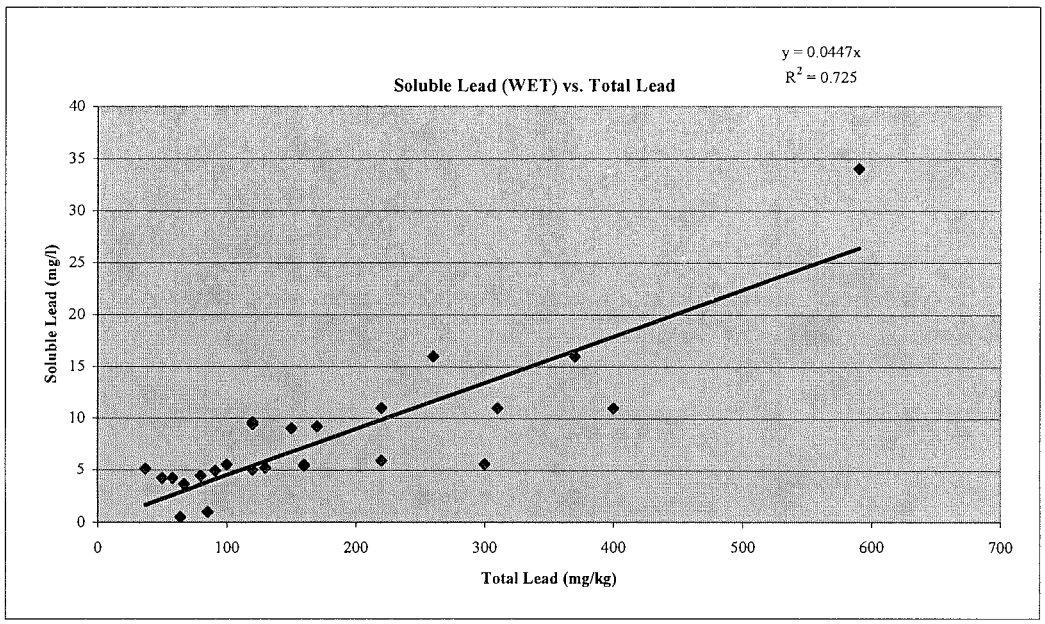
- TRPH*1664 SG/HEM

* SILICA GEL Protocal 3630C

APPENDIX D

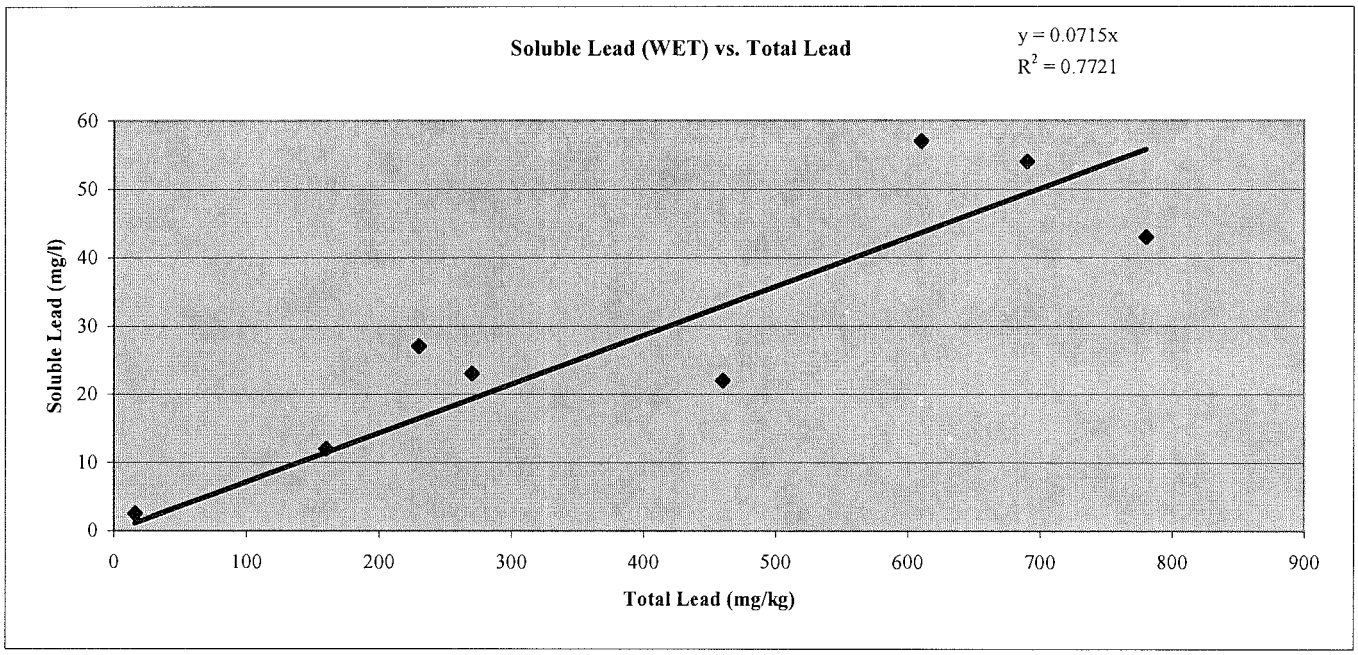
SFOBB Oakland Touchdown
Utility Trench Borings

Boring	Sample Depth (m)	Sample Depth (ft)	Total Lead (mg/kg)	WET (mg/l)
T1-0.5	0.45	1.5	350	34
T10-0	0	0	590	34
T1-1.5	1.5	5	120	5.0
T11-0	0	0	260	16
T12-0	0	0	130	5.2
T13-0	0	0	370	16
T15-1.0	0.9	3.0	37	5.1
T16-0	0	0	310	11
T18-0.5	0.45	1.5	220	5.9
T19-1.5	1.5	5	300	5.6
T2-0.5	0.45	1.5	100	5.5
T-20-1.0	0.9	3.0	64	0.5
T20-1.5	1.5	5	400	11
T2-1.5	1.5	5	67	3.6
T21-0.5	0.45	1.5	220	11
T23-0	0	0	170	9.2
T23-0.5	0.45	1.5	120	9.4
T23-1.0	0.9	3.0	120	9.6
T23-1.5	1.5	5	50	4.2
T4-0	0	0	91	4.9
T4-0.5	0.45	1.5	160	5.4
T5-0	0	0	58	4.2
T5-0.5	0.45	1.5	160	5.5
T6-0	0	0	150	9.0
T7-0	0	0	80	4.4
T9-0.5	0.45	1.5	85	1
Not Used:				
T14-0	0	0	460	5.2
T16-0.5	0.45	1.5	880	22
T17-0	0	0	890	7.8
T19-0	0	0	650	4.3
T19-0.5	0.45	1.5	1,700	18



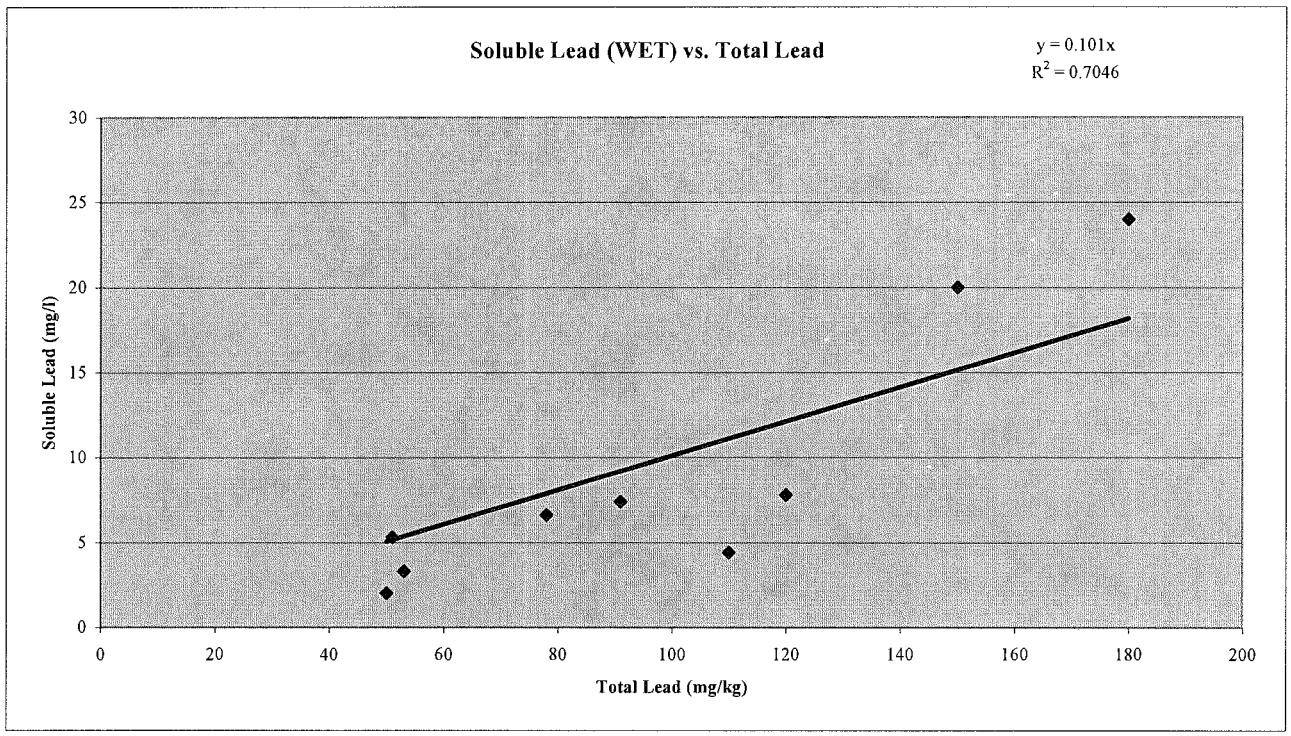
SFOBB Oakland Touchdown
Proposed Mole Substation Borings

Boring	Sample Depth (m)	Sample Depth (ft)	Total Lead (mg/kg)	WET (mg/l)
S1-0.5	0.45	1.5	460	22
S2-0	0	0	610	57
S2-0.5	0.45	1.5	780	43
S2-1.0	0.9	3	230	27
S3-0	0	0	270	23
S3-1.0	0.9	3	160	12
S4-0	0	0	16	2.5
S4-0.5	0.45	1.5	690	54
Not Used:				
S3-0.5	0.45	1.5	250	54



SFOBB Oakland Touchdown
Existing PG&E Substation Borings

Boring	Sample Depth (m)	Sample Depth (ft)	Total Lead (mg/kg)	WET (mg/l)
PGE1-0	0	0	180	24
PGE1-1.5	1.5	5	91	7.4
PGE1-3	3	10	78	6.6
PGE1-4.5	4.5	15	51	5.3
PGE3-1.5	1.5	3	50	2.0
PGE4-1.5	1.5	5	120	7.8
PGE4-4.5	4.5	15	150	20
PGE5-1.5	1.5	6	53	3.3
PGE5-3	3	10	110	4.4



Utility Trench Borings

T2 to T22
0m deep

Number of Valid Samples	21
Number of Unique Samples	20
Minimum	5.9
Maximum	5400
Mean	738.8238
Median	260
Standard Deviation	1262.766
Variance	1594578
Coefficient of Variation	1.709157
Skewness	2.855994
Mean of log data	5.196951
Standard Deviation of log data	2.013634

90% Non-parametric UCLs

Standard Bootstrap UCL	1088.73

T2 to T22
0.5m deep

Number of Valid Samples	20
Number of Unique Samples	17
Minimum	2.5
Maximum	1700
Mean	188.995
Median	32
Standard Deviation	405.3634
Variance	164319.5
Coefficient of Variation	2.144837
Skewness	3.266502
Mean of log data	3.918454
Standard Deviation of log data	1.605757

90% Non-parametric UCLs

Standard Bootstrap UCL	299.7418

T2 to T22
1m deep

Number of Valid Samples	20
Number of Unique Samples	14
Minimum	2.5
Maximum	64
Mean	17.28
Median	10.1
Standard Deviation	17.57545
Variance	308.8964
Coefficient of Variation	1.017098
Skewness	1.223764
Mean of log data	2.26412
Standard Deviation of log data	1.179005

90% Non-parametric UCLs

Standard Bootstrap UCL	22.25703

T2 to T22
1.5m deep

Number of Valid Samples	18
Number of Unique Samples	15
Minimum	2.5
Maximum	400
Mean	54.81111
Median	14.5
Standard Deviation	110.0682
Variance	12115.01
Coefficient of Variation	2.008137
Skewness	2.712364
Mean of log data	2.778691
Standard Deviation of log data	1.509777

90% Non-parametric UCLs

Standard Bootstrap UCL	86.01782

Utility Trench Borings

T2 to T22
0m deep

Number of Valid Samples	21
Number of Unique Samples	20
Minimum	5.9
Maximum	5400
Mean	738.82381
Median	260
Standard Deviation	1262.7659
Variance	1594577.8
Coefficient of Variation	1.7091571
Skewness	2.8559944
Mean of log data	5.1969507
Standard Deviation of log data	2.0136341

95% Non-parametric UCLs

Standard Bootstrap UCL	1172.4155

T2 to T22
0.5m deep

Number of Valid Samples	20
Number of Unique Samples	17
Minimum	2.5
Maximum	1700
Mean	188.995
Median	32
Standard Deviation	405.3634
Variance	164319.5
Coefficient of Variation	2.144837
Skewness	3.266502
Mean of log data	3.918454
Standard Deviation of log data	1.605757

95% Non-parametric UCLs

Standard Bootstrap UCL	332.377

T2 to T22
1m deep

Number of Valid Samples	20
Number of Unique Samples	14
Minimum	2.5
Maximum	64
Mean	17.28
Median	10.1
Standard Deviation	17.575449
Variance	308.89642
Coefficient of Variation	1.0170978
Skewness	1.2237642
Mean of log data	2.2641204
Standard Deviation of log data	1.1790047

95% Non-parametric UCLs

Standard Bootstrap UCL	23.366335

T2 to T22
1.5m deep

Number of Valid Samples	18
Number of Unique Samples	15
Minimum	2.5
Maximum	400
Mean	54.81111
Median	14.5
Standard Deviation	110.0682
Variance	12115.01
Coefficient of Variation	2.008137
Skewness	2.712364
Mean of log data	2.778691
Standard Deviation of log data	1.509777

95% Non-parametric UCLs

Standard Bootstrap UCL	95.48846

Proposed Mole Substation Borings

S 0m (mg/kg)

Number of Valid Samples	4
Number of Unique Samples	4
Minimum	16
Maximum	610
Mean	232
Median	151
Standard Deviation	277.4791
Variance	76994.67
Coefficient of Variation	1.196031
Skewness	1.122968
Mean of log data	4.562551
Standard Deviation of log data	1.722968

90% Non-parametric UCL

Standard Bootstrap UCL	386.3765

S 0.5 m (mg/kg)

Number of Valid Samples	4
Number of Unique Samples	4
Minimum	250
Maximum	780
Mean	545
Median	575
Standard Deviation	238.3974
Variance	56833.33
Coefficient of Variation	0.437426
Skewness	-0.50484
Mean of log data	6.212168
Standard Deviation of log data	0.512791

90% Non-parametric UCLs

Standard Bootstrap UCL	676.463

S 1 m (mg/kg)

Number of Valid Samples	4
Number of Unique Samples	4
Minimum	11
Maximum	230
Mean	103.75
Median	87
Standard Deviation	109.1799
Variance	11920.25
Coefficient of Variation	1.052336
Skewness	0.342928
Mean of log data	3.887551
Standard Deviation of log data	1.590848

90% Non-parametric UCL

Standard Bootstrap UCL	164.021

S 1.5 m (mg/kg)

Number of Valid Samples	4
Number of Unique Samples	4
Minimum	1.8
Maximum	41
Mean	15.275
Median	9.15
Standard Deviation	17.49883
Variance	306.2092
Coefficient of Variation	1.145586
Skewness	1.755951
Mean of log data	2.181851
Standard Deviation of log data	1.276986

90% Non-parametric UCL

Standard Bootstrap UCL	25.00708

S 2 m (mg/kg)

Number of Valid Samples	4
Number of Unique Samples	4
Minimum	3.3
Maximum	11
Mean	5.575
Median	4
Standard Deviation	3.646345
Variance	13.29583
Coefficient of Variation	0.654053
Skewness	1.905352
Mean of log data	1.588589
Standard Deviation of log data	0.552822

90% Non-parametric UCL

Standard Bootstrap UCL	7.585787

S 3 m (mg/kg)

Number of Valid Samples	3
Number of Unique Samples	3
Minimum	3.1
Maximum	30
Mean	12.6
Median	4.7

Too Few Observations To Calculate UCLs

S 4.5 m (mg/kg)

Number of Valid Samples	3
Number of Unique Samples	3
Minimum	3.7
Maximum	16
Mean	9.166667
Median	7.8

Too Few Observations To Calculate UCLs

Proposed Mole Substation Borings

S 0m (mg/kg)

Number of Valid Samples	4
Number of Unique Samples	4
Minimum	16
Maximum	610
Mean	232
Median	151
Standard Deviation	277.4791
Variance	76994.67
Coefficient of Variation	1.196031
Skewness	1.122968
Mean of log data	4.562551
Standard Deviation of log data	1.722968

95% Non-parametric UCL

Standard Bootstrap UCL	429.512

S 0.5 m (mg/kg)

Number of Valid Samples	4
Number of Unique Samples	4
Minimum	250
Maximum	780
Mean	545
Median	575
Standard Deviation	238.3974
Variance	56833.33
Coefficient of Variation	0.437426
Skewness	-0.504837
Mean of log data	6.212168
Standard Deviation of log data	0.512791

95% Non-parametric UCL

Standard Bootstrap UCL	711.9619

S 1 m (mg/kg)

Number of Valid Samples	4
Number of Unique Samples	4
Minimum	11
Maximum	230
Mean	103.75
Median	87
Standard Deviation	109.1799
Variance	11920.25
Coefficient of Variation	1.052336
Skewness	0.342928
Mean of log data	3.887551
Standard Deviation of log data	1.590848

95% Non-parametric UCL

Standard Bootstrap UCL	182.3028

S 1.5 m (mg/kg)

Number of Valid Samples	4
Number of Unique Samples	4
Minimum	1.8
Maximum	41
Mean	15.275
Median	9.15
Standard Deviation	17.49883
Variance	306.2092
Coefficient of Variation	1.145586
Skewness	1.755951
Mean of log data	2.181851
Standard Deviation of log data	1.276986

95% Non-parametric UCL

Standard Bootstrap UCL	27.77746

S 2 m (mg/kg)

Number of Valid Samples	4
Number of Unique Samples	4
Minimum	3.3
Maximum	11
Mean	5.575
Median	4
Standard Deviation	3.646345
Variance	13.29583
Coefficient of Variation	0.654053
Skewness	1.905352
Mean of log data	1.588589
Standard Deviation of log data	0.552822

95% Non-parametric UCL

Standard Bootstrap UCL	8.164949

S 3 m (mg/kg)

Number of Valid Samples	3
Number of Unique Samples	3
Minimum	3.1
Maximum	30
Mean	12.6
Median	4.7

Too Few Observations To Calculate UCLs

S 4.5 m (mg/kg)

Number of Valid Samples	3
Number of Unique Samples	3
Minimum	3.7
Maximum	16
Mean	9.166667
Median	7.8

Too Few Observations To Calculate UCLs

Existing PG&E Substation Borings

PGE 0 m deep (mg/kg)

Number of Valid Samples	6
Number of Unique Samples	6
Minimum	4.4
Maximum	180
Mean	49.11667
Median	28.5
Standard Deviation	65.98813
Variance	4354.434
Coefficient of Variation	1.343498
Skewness	2.151515
Mean of log data	3.211798
Standard Deviation of log data	1.300989

90% Non-parametric UCL

Standard Bootstrap UCL	80.15728

PGE 1.5 m deep (mg/kg)

Number of Valid Samples	6
Number of Unique Samples	6
Minimum	4.5
Maximum	120
Mean	61.25
Median	51.5
Standard Deviation	39.75393
Variance	1580.375
Coefficient of Variation	0.649044
Skewness	0.203034
Mean of log data	3.762761
Standard Deviation of log data	1.165623

90% Non-parametric UCL

Standard Bootstrap UCL	80.25629

PGE 3m deep (mg/kg)

Number of Valid Samples	5
Number of Unique Samples	5
Minimum	2.4
Maximum	110
Mean	40.84
Median	10
Standard Deviation	49.9116
Variance	2491.168
Coefficient of Variation	1.222125
Skewness	0.821559
Mean of log data	2.714049
Standard Deviation of log data	1.738943

90% Non-parametric UCL

Standard Bootstrap UCL	66.61074

PGE- 4.5m deep (mg/kg)

Number of Valid Samples	6
Number of Unique Samples	5
Minimum	4.4
Maximum	150
Mean	41.03333
Median	18.2
Standard Deviation	56.53012
Variance	3195.655
Coefficient of Variation	1.377663
Skewness	1.915778
Mean of log data	2.860528
Standard Deviation of log data	1.474741

90% Non-parametric UCL

Standard Bootstrap UCL	68.36966

Existing PG&E Substation Borings

PGE 0 m deep (mg/kg)

Number of Valid Samples	6
Number of Unique Samples	6
Minimum	4.4
Maximum	180
Mean	49.11667
Median	28.5
Standard Deviation	65.98813
Variance	4354.434
Coefficient of Variation	1.343498
Skewness	2.151515
Mean of log data	3.211798
Standard Deviation of log data	1.300989

95% Non-parametric UCL

Standard Bootstrap UCL	89.33078

PGE 1.5 m deep (mg/kg)

Number of Valid Samples	6
Number of Unique Samples	6
Minimum	4.5
Maximum	120
Mean	61.25
Median	51.5
Standard Deviation	39.75393
Variance	1580.375
Coefficient of Variation	0.649044
Skewness	0.203034
Mean of log data	3.762761
Standard Deviation of log data	1.165623

95% Non-parametric UCL

Standard Bootstrap UCL	85.66307

PGE 3m deep (mg/kg)

Number of Valid Samples	5
Number of Unique Samples	5
Minimum	2.4
Maximum	110
Mean	40.84
Median	10
Standard Deviation	49.9116
Variance	2491.168
Coefficient of Variation	1.222125
Skewness	0.821559
Mean of log data	2.714049
Standard Deviation of log data	1.738943

95% Non-parametric UCL

Standard Bootstrap UCL	72.95879

PGE- 4.5m deep (mg/kg)

Number of Valid Samples	6
Number of Unique Samples	5
Minimum	4.4
Maximum	150
Mean	41.03333
Median	18.2
Standard Deviation	56.53012
Variance	3195.655
Coefficient of Variation	1.377663
Skewness	1.915778
Mean of log data	2.860528
Standard Deviation of log data	1.474741

95% Non-parametric UCL

Standard Bootstrap UCL	75.54482