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July 27, 2005
1424-40A

Ms. Kathy Chao
EAST BAY ASIAN LOCAL DEVELOPMENT CORPORATION
310 8th Street, Suite 200
Oakland, California 94607

RE: REMOVAL ACTION WORKPLAN
2812 AND 2832 GIANT ROAD
SAN PABLO, CALIFORNIA

Dear Ms. Chao:

The attached Removal Action Workplan (RAW) presents the evaluation of remedial alternatives and the selected alternative at 2812 and 2832 Giant Road in San Pablo, California. This report was prepared in accordance with our agreement dated June 21, 2005.

We refer you to the text of the report for details regarding this study. Thank you for choosing us to assist you. If you have any questions, please call and we will be glad to discuss them with you.

Very truly yours,

LOWNEY ASSOCIATES

Peter M. Langtry, P.G., C.E.G.
Principal Environmental Geologist

PML:dw

Copies: Addressee (2)
California Regional Water Quality Control Board (1)
Attn: Ms. Mary Rose Cassa
Pulte Homes (1)
Attn: Mr. Kevin Ma

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LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

Removal Action Workplan

2812 and 2832 Giant Road,

San Pablo, California

DRAFT

This report has been prepared for:

East Bay Asian Local Development Corporation
310 8th Street, Suite 200, Oakland, California 94607

July 27, 2005
Project No. 1424-40A

Peter M. Langtry, P.G., C.E.G.
Principal Environmental Geologist

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REMOVAL ACTION WORKPLAN
2812 AND 2832 GIANT ROAD,
SAN PABLO, CALIFORNIA

1.0 INTRODUCTION

1.1 Purpose

In this removal action workplan (RAW), we present an evaluation of removal action alternatives and a plan for implementing the selected alternative at 2812 and 2832 Giant Road in San Pablo, California (Site). This work was performed for East Bay Asian Local Development Corporation (EBALDC) in accordance with an oversignt agreement between EBALDC and the California Regional Water Quality Control Board (CRWQCB).

1.2 Site Description

The Giant Road Family Apartments and Devon Square will be an approximately 7-acre redevelopment project at 2812 and 2832 Giant Road in San Pablo, California (Figures 1 and 2). The site historically has been used for industrial purposes, including a trucking facility operated by Parker Trucking at 2832 Giant Road and the former East Bay Washrack at 2812 Giant Road. The facility included vehicle maintenance and cleaning areas and hazardous materials storage areas. Previous investigations performed at the site have identified several areas with contamination above residential screening levels. EBALDC has obtained two EPA Brownfield Redevelopment grants for the cleanup of areas exceeding residential standards. EPA cleanup grant 1 is for 2832 Giant Road (EPA Site 1) and grant 2 is for 2812 Giant Road (EPA Site 2).

1.3 Planned Development

EBALDC will develop approximately 2.7 acres of the land into a new 86 unit permanent affordable rental housing development (Giant Road Family Apartments), in five separate buildings, including amenities such as resident services space, community facilities, on-site laundry and parking, potential childcare center targeted for families and individuals at or below 60 percent of the Area Median Income for Contra Costa County, and children's play area. The site will be fully landscaped and is located in close proximity to regional and local transit bus routes, major freeways, schools, employers, shopping centers, and hospitals.

As part of EBALDC's role as the master planner, EBALDC has obtained all local approval including rezoning the site into residential development. Furthermore, there will be new streets and improvement to the neighborhood infrastructure. EBALDC has executed an agreement to sell approximately 4.3-acre portion of the 7 acres land to Pulte Homes Corporation, a market rate housing developer. Pulte Homes Corporation will develop approximately 74 units of market rate for-sale condominium town homes (Devon Square). The Pulte site will also include features such as open space.

This project addresses needs identified in the County Consolidated Plan, San Pablo Housing Element, the General Plan, and the Legacy Redevelopment Plans for the targeted area.

The design of the EBALDC housing will be in five buildings ranging from three to four stories surrounding landscaped grounds and walkways. The Giant Road Family Apartments will include the following:

- 16 one-bedroom flats
- 30 two-bedroom flats (two of which are reserved for onsite manager and maintenance staff)
- 40 three-bedroom townhouses
- 1,600 square foot childcare center and resident services center including youth technology center
- Management office and laundry facilities
- Children's play area and open space
- New streets and improved infrastructure in the neighborhood

1.4 Summary of Planned Site Cleanup

This RAW summarizes the results of previous investigations, identifies potential contaminants of concern (COCs), and evaluate cleanup alternatives. The findings of the RAW are summarized below.

Based on laboratory analyses of soil samples collected during June and July 2005 and results of previous soil and ground water quality investigations, soil in parts of the site was found to contain concentrations of petroleum hydrocarbons, arsenic, chromium lead, and total organic lead above residential environmental screening levels. In addition, diesel range hydrocarbons were detected in the groundwater where underground storage tanks (USTs) had previously been located (Sections 2.8, 2.9, and 3).

This RAW presents proposed cleanup goals for soil and ground water for the identified COCs that are appropriate for residential redevelopment (Section 5). Section 6 evaluate cleanup alternatives and presents the selected cleanup approach, excavation and off-site disposal of soil with COCs exceeding cleanup goals. Petroleum contaminated ground water will be pumped from the excavation in the former UST area, and compounds will be added to the former UST area excavation to help enhance the natural decay of the petroleum hydrocarbons in ground water. The implementation of the selected cleanup approach is presented in Section 7, including dust control, equipment decontamination, and sampling/laboratory analyses to confirm the removal of the soil exceeding cleanup goals.

2.0 SITE BACKGROUND

2.1 Site Location and Description

2.1.1 Site Name and Address

EPA Grant Site 1:

Former Parker Trucking - 2832 Giant Road

EPA Grant Site 2:
Former East Bay Washrack - 2812 Giant Road

2.1.2 Contact Person, Mailing Address and Telephone Number

Ms. Kathy Chao
EBALDC
310 8th Street, Suite 200
Oakland, California 94607
(510) 763-5353

2.1.3 Assessor's Parcel Numbers

EPA Grant Site 1:

412-060-002 (old)
412-060-005(2) (new)

EPA Grant Site 2:

412-060-003 (old)
412-060-006 (new)

2.1.4 Ownership

The property owner is EBALDC.

2.1.5 Latitude and Longitude

The Site is located at 37.9732° north latitude and 122.3545° west longitude.

2.2 Operational History and Status

Prior to 1944, the site was used for residential purposes. In 1944, the Richmond Lumber Company purchased the site and began operating a commercial lumber supply company. In November 1948, Mr. and Mrs. Hildreth purchased the property and began operating Hildreth Holding Company, a trucking company. However, Acme Transportation Inc. (Acme) leased the site from Mr. and Mrs. Hildreth beginning in 1949. Acme operated a bulk liquid chemical transportation company on-site from 1949 to July 1986 (Bechtel, 1993).

Acme was a trucking and hauling company primarily involved with the bulk transport of liquid chemicals, primarily petroleum and refinery products. Wastes were generated from washing and cleaning tanker truck containers. In approximately 1955, Acme constructed an indoor washrack (IWR, Figure 2) for cleaning wastes from truck and trailer tanks on the southern portion of the site. Prior to cleaning, residual materials were reportedly allowed to drain from the tanker trucks into one of two 10,000-gallon USTs. An alkaline solution was prepared in a three-compartment, 2,400-gallon wash tank, sprayed into the tanker trucks, and then reportedly pumped back into the 2,400-gallon wash tank. This solution was reused until it was no longer usable. Then

the solution was discharged to one of the two 10,000-gallon USTs (Figure 2). The tanker trucks were then rinsed with tap water, which was discharged to a sump and pumped to a 7,000-gallon storage tank to adjust the pH. This liquid was then discharged back to the sump, tested daily for phenols, and reportedly discharged into the sanitary sewer system. If the phenol level was too high to be discharged into the sanitary sewer, the liquid was pumped to one of two 15,000-gallon aboveground storage tanks (ASTs) and released into the sewer in controlled amounts under the direction of the West Contra Costa Sanitary District (formerly known as the San Pablo Sanitary District) (Bechtel, 1993).

Approximately once to twice a month, waste materials were reportedly pumped from the 10,000-gallon USTs by Erickson Trucking, Inc., and taken to I.T. Corporation's disposal site in Benicia. In 1980, Acme became a registered hazardous waste hauler. This permitted Acme to remove its own waste from the truck maintenance operation (Bechtel, 1993).

In the 1950s and 1960s, Acme leased the southern portion of the site (2812 Giant Road) to Ethyl Corporation for use as a tetraethyl lead (TEL) transfer station. TEL was transported to the site by railroad tank cars and transferred to tanker trucks. To transfer TEL from rail car to tanker truck, nitrogen gas was pumped into the rail car, forcing the TEL into the tanker truck. The tanker truck vented nitrogen the gas to a silica gel scrubber. The used silica gel containing TEL was placed in a 55-gallon drum and stored on-site. Approximately one 55-gallon drum of waste silica gel was reportedly generated every 3 years. Once the 55-gallon drum of silica gel was full, Ethyl Corporation reportedly transported the waste to its facility in Wilmington, California. Acme used the southern portion of the site as a storage area from approximately 1970 to 1986 (Bechtel, 1993).

In 1986, the site was divided into two portions: Mr. Parker leased the northern portion of the site (2832 Giant Road) to operate a tucking and hauling company; Parker Trucking, and East Bay Washrack purchased the southern portion (2812 Giant Road) from Mr. and Mrs. Hildreth.

From 1986 to 1988, East Bay Washrack operated a trucking and hauling operation on the southern portion of the site. Operations consisted of cleaning the company's own tanker trucks and bulk liquid containers. East Bay Washrack reportedly modified the existing on-site facility by installing an outdoor washrack (OWR), four sumps, two 20,000-gallon wastewater treatment tanks, four 10,000-gallon wastewater treatment tanks, and two 3,000-gallon waste oil tanks (Figure 2). East Bay Washrack's operators abandoned the site in the fall of 1988 (Bechtel, 1993).

In 1989, Mr. Jack Parker purchased the site. Parker Trucking occupied the site until at least 2003 for use as a trucking dispatch and storage yard (Secor, 2003).

2.3 Topography

Based on U.S. Geological Survey (USGS) topographic maps, the Site's elevation is approximately 20 feet above mean sea level. Topography in the vicinity of the site slopes gently to the west toward San Pablo Bay.

2.4 Geology and Hydrogeology

2.4.1 Regional Geology

The Site is located on the eastern margin of the San Francisco Bay and is within the Coast Ranges geomorphic province, an area typified by northwest-southeast-trending mountain ranges, valleys, and faults. A combination of movement along the San Andreas, Hayward, and Calaveras faults and tectonic downwarping is responsible for the formation of the bay depression. Faulting has caused the underlying bedrock to be broken into a series of parallel blocks and downwarping has allowed the gradual accumulation of a thick section of overlying sediments. Shallow soils in the site area predominantly consist of alluvial deposits of clays and silts interbedded with discontinuous lenses of sand and gravel.

2.4.2 Site Geology

Based on our on-site investigation, the site generally is paved with approximately 2 to 3 inches of asphalt concrete over approximately 6 inches of aggregate base. Below the pavement section, the upper 2 to 3 feet of soils appear to be undocumented fills consisting of expansive clays and lean clays. Below the fills, the native soils consisted of very stiff fat expansive clays that extend to depths of approximately 7 feet. A hard, white chalk-like substance was observed in several borings. The substance ranged in thickness from approximately one inch to approximately two feet, and was located near the surface. This material is discussed further in Section 2.9.3.

The upper expansive clays are underlain by interbedded soft to very stiff, sandy and gravelly clays to the maximum depth explored of 51 feet (Lowney Associates, 2004). Our borings encountered several thin clayey sand layers. The sands encountered were generally medium dense to dense and contained varying amounts of fine-grained material.

2.4.3 Regional Hydrogeology

The Site is located on the eastern margin of San Pablo Bay. Ground water is present in more permeable sand and gravel alluvial deposits, which are generally separated by clays and silts. Regionally, ground water flow tends to follow topography with ground water flowing to the west, toward San Pablo Bay.

2.4.4 Site Hydrogeology

During previous investigations, ground water was encountered at a depth of approximately 9 feet below existing grade. Based on ground water elevations measured during previous investigations from former on-site monitoring wells (see Section 2.8), estimated ground water flow ranged from toward the northwest to southwest. During previous ground water investigations by Ecology & Environment (E&E, 2003), the ground water recharge rates observed in temporary sample locations was slow, with some locations not producing a sufficient amount of water to collect ground water samples. Based on the low ground water recharge rates, the shallow ground water beneath the site does not appear to be a potential drinking water source.

2.5 Surrounding Land Use and Sensitive Receptors

The site is located in a mixed industrial and residential area. It is bordered to the south by Lake Elementary School and to the east by residences. To the west Giant Road, BNSF railroad tracks, and industrial properties border the site. The site is bordered to the north by a multi-tenant warehouse previously used by American Standard, Inc. for manufacturing.

Sensitive receptors include facilities where sensitive receptor population groups such as children, the elderly, and the acutely or chronically ill, are likely to be located. Facilities would include residences, schools, playgrounds, childcare centers, retirement homes, hospitals, and medical clinics. As noted above, Lake Elementary School borders the site to the south and residences are present adjacent to the east of the site.

Sensitive ecological receptors include creeks, rivers, lakes, marshes, tidelands, and bays. San Pablo Bay is present approximately ¾ miles west of the site and Rheem Creek is present approximately ¼ mile north of the site.

2.6 Meteorology

The climate in the San Francisco Bay Area is Mediterranean with mild, rainy winters November through March, and warm, sunny and nearly dry summers from June through September (Helley, LaJoie, Spangle, and Blair, 1979). The average annual temperature in the San Pablo area ranges from approximately 42 to 80 °F. The average annual precipitation is approximately 26 inches.

2.7 Previous Site Activities

This Section summarizes several reports that discuss remedial activities for subsurface and aboveground features located on site. This section initially discusses subsurface and remedial activities conducted at the East Bay Wash Rack, followed by a discussion of remedial activities in Parker Trucking.

2.7.1 East Bay Wash Rack Remedial Activities (2812 Giant Road)

To help evaluate previous site activities, we reviewed a summary report prepared by Ninyo and Moore (NM) and additional documents provided by EBALDC. The earliest document reviewed by NM describing a site investigation was prepared by On Site Technologies, Inc. in November 1989 (OT, 1989); this document was not provided to us for our review. The OT document reportedly described several above ground and subsurface features on-site, including two USTs, two ASTs, a pump house containing gasoline and diesel dispensers, and four liquid waste sumps. These features are described in more detail below.

Two USTs that reportedly formerly contained gasoline, diesel, and waste liquids from truck washing activities were removed, on an unreported date, from the northwestern section of the East Bay Wash Rack area (Figure 2). A pump house containing a diesel and gasoline dispenser was located approximately 15 feet east of the former UST pit. Two 20,000-gallon ASTs were reportedly located immediately east of the former UST pit. One of the ASTs reportedly contained gasoline and/or diesel. The second AST stored

wash water from tank washing operation performed on site. In 1996 one or possibly both of the ASTs were moved to the former AST secondary containment enclosure (SCE) (Figure 2) to be used as wastewater treatment tanks. The SCE had a concrete floor and cinder block walls.

NM summarized a report prepared by Subsurface Environmental Corporation (SEC) in April 1996; the SEC document was not provided to us for our review. The former UST pit was reportedly over-excavated in February 1996. Trees and vegetation that had grown in the pit were removed prior to the beginning of the over-excavation. The pit was subsequently over-excavated in February 1996 until no visual contamination was observed in the pit. The final pit dimensions of the excavation were reportedly approximately 30 feet by 30 feet to a depth of approximately 10 feet. Confirmation samples were collected from the pit sidewalls and bottom prior to backfilling; the analytical results are summarized in Section 2.8.1. The pit with subsequently backfilled with crushed rock to a depth of approximately 7 feet below ground surface and "clean" fill to the ground surface. The excavated soil was temporary stockpiled on plastic sheeting. A solid soil-like material excavated from within the UST pit was placed on plastic adjacent to the soil stockpile.

Additional features in the EBWR area included an indoor and outdoor truck and trailer wash rack (IWR and OWR) located southwest of the former USTs (Figure 2) and former sump 1 (500 gallons), sump 2 (1,000 gallons), and sump 3 (1,000 gallon double compartment) located outside the east, southeast, and southwestern sections of the former IWR. Three 10,000-gallon ASTs were also located south of the IWR, which contained a mixture of caustic soda and hot water used at the IWR and OWR. It was also reported that 20 55-gallon drums containing oily-liquid waste were also stored in the IWR and OWR areas (NM, 2005).

Sumps 1 and 2 were reportedly demolished in 1996. Soil contamination was reported beneath sump 1, so it was over-excavated to an area of approximately 15 feet by 15 feet and depth of 8 feet below the ground surface. Sump 3 reportedly could not be removed because of the proximity of the sump to the former OWR building foundation. Therefore, the concrete floor of the sump was broken using a jackhammer so that verification soil samples could be collected. Confirmation samples were also collected from sumps 1 and 2. Analytical results are presented in Section 2.8.1.

The former SCE consisted of nine ASTs and 1,000-gallon sump (sump 4) that were installed by EBWR an 1986. Sump 4 was located immediately adjacent (west) of the SCE. Sump 4 was demolished at the same time as sump 1 and 2, and confirmation samples were collected. Five of the nine ASTs were described between 22,000 gallons to 25,000 gallons. The location of the sanitary sewer appears to have been adjacent to Sump 4; however, no indication of the direction of flow for the sanitary sewer lines was reported (NM, 2005).

Three of the ASTs were located directly west of sump 4, outside of the secondary containment area. Two of the ASTs stored waste oil and one stored caustic solution, reportedly sodium hydroxide. An empty portable AST was also located directly north of the secondary containment area. The use for the AST was not reported (NM, 2005).

During remediation activities on-site in 1996, the former USTs were reportedly emptied,

dismantled, and transported to a landfill in Richmond, California. The Contra Costa County Health Services (CCCHS) provided regulatory oversight during remediation. Most of the stockpiled soil on-site was thermally treated in an off-site location in Richmond, California, except for 10 cubic yards that were reportedly disposed in a Class I landfill. Analytical results for pit sidewall, pit bottom, and pit wastewater samples are described in Section 2.8.1.

Three ground water monitoring wells (MW-1, MW-2, and MW-3) were installed in April 1996 by SEC (SEC, 1996). The wells were installed to a depth of approximately 15 feet below ground surface. Well MW-1 was located in the northeast portion of the EBWR, MW-2 was located between the former UST pit and former IWR, and MW-3 was located south of the former IWR. Ground water was encountered at a depth of approximately 8 feet in the wells during well installation. Subsurface lithology reportedly consisted of gray or black silty clay to a depth of 15 feet. Subsequent ground water monitoring events indicated the ground water flow and gradient to the southwest at 0.0066 ft/ft. Soil and ground water sample collection and analytical results are discussed in Section 2.8.1. Oversight of ground water monitoring well installation was provided by the CCCHS.

The EBWR section of the site received regulatory closure by the CCCHS in June 1998 (CCCHS, 1998). The closure letter, prepared by the CCCHS and sent to Jack Parker Trucking, reportedly recommended destroying the three ground water monitoring wells according to CCCHS regulations. However, NM reportedly encountered no documentation during their review of files confirming that the ground water monitoring wells had been appropriately destroyed. During our on-site field activities we did not observe the wells, indicating that they may have been destroyed or paved over.

2.7.2 Parker Trucking Remedial Activities (2832 Giant Road)

The Parker Trucking section of the site contained a machine parts cleaning (MPC) area, a truck washing pad (TWP) area, an oil water separator, drain sump (DS), and truck maintenance building (TMB) (Figure 2). In addition, two sumps (sumps 1 and 2) were associated with the MPC and a third sump (sump 3) was associated with the TWP.

A Phase IV Soil and Ground water Investigation, 2832 Giant Road report prepared by Harding Lawson Associates (HLA) in March 1993 (HLA, 1993) discussed the removal and disposal of an overlying concrete pad and sumps 1 and 2, and the excavation of approximately 565 cubic yards of soil to a depth of approximately 10 feet below ground surface (Figures 2) from around the former MPC area in September 1990. During excavation activities, ground water monitoring well MW-1 was destroyed. Soil confirmation samples were collected subsequent to excavation activities; analytical results are summarized in Section 2.8.2. Ground water was encountered at a depth of approximately 9 feet in the excavation pit.

A catchment trench, sump (sump 3), and oil/water separator were removed from the former TWP in September 1990 (Figures 2). Approximately 200 cubic yards of soil was excavated from the TWP area. Soil was excavated to a depth of approximately 10 feet from the location of former sump 3 (northwest corner of the TWP), to a depth of approximately 3 feet north adjacent to the TWP, and to a depth of approximately 4 feet around the perimeter of the TWP (Figure 2). Monitoring well MW-2 was destroyed

during the overexcavation activities. Laboratory analytical results of verification soil samples collected after the overexcavation are summarized in Section 2.8.2

The excavated soil from the MPC and TWP areas was stockpiled and mixed with mulch to assist in active soil bioremediation. The volume of soil and mulch totaled approximately 700 cubic yards. Soil samples were collected from the bioremediated stockpile in June and July 1991 and analyzed for total petroleum hydrocarbons as diesel (TPHd) and total oil and grease (TOG). No TPHd was reported in the samples; however, TOG exceeding laboratory-reporting limits was detected in approximately 300 cubic yards of the soil. With the approval of the CCCHS, approximately 250 cubic yards of the bioremediated soil with concentrations of TOG less than 100 parts per million (ppm) were placed back in the MPC excavation along with reportedly clean fill. In addition, reportedly clean fill was placed in the excavation in the TWP areas. The catchment trench and oil/water separator was replaced with an asphalt gutter and one-piece modular oil/water sump. The remaining 450 cubic yards of soil was reportedly transported to a landfill in San Leandro, California (HLA, 1993).

Four quarterly ground water monitoring events were conducted between January and December 1993 in wells MW-3 through MW-5, discussed in Section 2.8.2, and regulatory closure was requested for the Parker trucking parcel in March 1994. Regulatory documentation from the RWQCB indicated that the Parker Trucking site received regulatory closure in June 1995. No documentation was reviewed indicating that wells MW-3 through MW-5 were appropriately destroyed. During our site activities we did not observe any active wells, indicating that the wells have been destroyed or paved over.

2.8 Summary of Previous Soil and Ground Water Analytical Results

Site subsurface investigations were conducted individually for the former East Bay Washrack and Parker Trucking parcels, summarized in Sections 2.8.1 and 2.8.2, respectively. In addition, investigations performed for both parcels at the same time are summarized in Section 2.8.3.

2.8.1 East Bay Wash Rack Subsurface Investigations (2812 Giant Road)

Based on a summary report prepared by NM (2005), soil and ponded water samples were collected in the former UST pit after the removal of the former USTs in November 1989. Sidewall samples (SS350-1 to SS350-4) were collected from the former UST pit at a depth of approximately 7.5 feet. Samples were also collected at a depth of approximately 7.5 feet in soil between two USTs (SS350-5) and beneath the former USTs (SS350-6 and SS350-7). The depth of samples collected at the bottom of the former UST pit was not reported. The samples were analyzed for TPHd, total petroleum hydrocarbons as motor oil (TPHmo), total petroleum hydrocarbons as gasoline (TPHg), and benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Test Method 8015/8020; TOG using EPA Test Method 503E, volatile organic compounds (VOCs) using EPA Test Method 624; semi-VOCs (SVOCs) using EPA Test Method 625; and 17 California Assessment Manual (CAM 17) metals using EPA Test Method 6010/7000.

Maximum concentrations of compounds of concern (COCs) reported for samples

SS350-1 to SS350-7 included TPHd and TOG at 8,700 and 5,100 ppm; benzene (0.010 ppm), ethylbenzene (0.10 ppm), and total xylenes (0.013 ppm); and lead, chromium, and arsenic reported at 13 ppm, 27 ppm, and 4 ppm, respectively. The maximum concentrations of VOCs were reported as tetrachloroethene (PCE) (40 ppm), trichloroethene (TCE) (0.340 ppm), trichloroethane (0.110 ppm), 1,1,1-trichloroethane (0.050 ppm), 1,2-dichloroethane (0.060 ppm), 1,1-dichloroethene (0.030 ppm), and methylene Chloride (0.260 ppm). Maximum concentrations of SVOCs were reported as 2-methyl naphthalene (6 ppm) and flourene (1.0 ppm) (Appendix A, Tables 1, 3, 4, and 6).

Maximum concentration of former UST pit ponded water samples collected reported TPHg at 290 ppb, TPHd (9,600 ppb), benzene (1.3 ppb), toluene (2.8 ppb), ethylbenzene (1.2 ppb), total xylenes (9.4 ppb), methylene chloride (110 ppb), TCE (370 ppb), and PCE (80 ppb). Barium, nickel, and zinc were also reported at 0.10 ppm, 0.29 ppm and 0.2 ppm.

Bechtel, under the direction of the federal Environmental Protection Agency (EPA), prepared a Site Inspection report for the site in December 1993 (Bechtel, 1993). The report describes sampling activities at ten locations on the EBWR parcel and the neighboring Lake Elementary School south and adjacent to the site. The soil samples, identified as S-1 through S-10, collected from depths of approximately 0.5 to 2.0 feet, were analyzed for Title 22 metals (EPA Test Method 6010), VOCs (EPA Test Method 8260B), and SVOCs (EPA Test Method 8270C). Results from the investigation indicated that VOCs and SVOCs were not reported above laboratory reporting limits, and that the maximum concentrations of lead, arsenic, and chromium were reported at 160 ppm (SS-16), 18.9 ppm (S-7), and 43.3 ppm (S-5), respectively (Appendix A, Table 6). In addition, an apparent petroleum product was observed in soil at the S-6 sample location. Organic or tetraethyl lead was not analyzed.

NM summarized the 1996 Soil Remediation Report prepared by SEC that reportedly described remediation activities in the EBWR section of the site; the SEC report was not provided to us. Results from 33 soil sample locations in the vicinity of the former USTs, former sumps, and former waste oil and SCE areas, as well as other selected areas of the EBWR were summarized. Select soil samples were analyzed for TPHg and TPHd using EPA Test Method 8015M, BTEX using EPA Test Method 8020, CAM 17 metals (no Method indicated), VOCs using EPA Test Method 8010, and SVOCs using EPA Test Method 8270 (Appendix A, Tables 1,3,4, and 6).

The former UST pit was over-excavated to a depth of approximately 10 feet in February 1996. Confirmation samples (PSS-033, PSW-034, PSN-035, PSE-036, PFN-037, and PFS-038) were collected from the pit bottom and sidewalls subsequent to the excavation. Three of the sumps (sumps 1, 2, and 4) were demolished in February 1996 and sump 3 was left in place, reportedly due the proximity of the sump to the warehouse building foundation. A verification sample (S1SB-019) was collected from sump 1 and analyzed for VOCs. VOCs were reported in the sample (Appendix A, Table 3), so the sump was over-excavated to a depth of approximately 8 feet. Confirmation soil samples (S1WW-043, S1SW-044, S1EW-045, S1NW-046, and S1F-047) were collected subsequent to the excavation. Samples were also collected from beneath sump 2 (S2SB-015) and sump 3 (S4SB-016). An area of stained soil was also excavated to a depth of approximately 3 feet in the vicinity of former waste oil tanks

(Figure 2) and confirmation samples SSSS-039, SSSS-040, SSSS-041 were collected. Soil samples were also collected beneath the concrete slab in the former IWR (warehouse) (CSSB-011 and CSSB-012), OWR (CSSB-013 and CSSB-014), former AST (CSSB-042), and former storage building (CCSB-008 and CCSB-009). Surface samples were also collected at the Lake Elementary School (LSSB-004, LSSB-005, LSSB-006, and LSSB-007), the western site boundary (CSSB-010), and near the eastern boundary of the site (NESB-001, NESB-002, and SESB-003) (NM, 2005).

Maximum concentration of soil samples collected included 310 ppm of TPHd and 600 ppm of residual (oil range) hydrocarbons collected in the area of the former sump 2 (S2SB-015) and former OST (SSSS-040), respectively (Appendix A, Table 1). Maximum concentrations of TPHg were reported from a sample collected in the vicinity of former sump 1 (S1SB-019) at 86 mg/kg (Appendix A, Table 1). The maximum BTEX concentrations were also reported from soil sample S1SB-019, including 0.008 ppm of benzene, 0.33 ppm of toluene, 0.18 ppm of ethylbenzene, and 3.6 ppm of total xylenes (Appendix A, Table 1). VOCs were reported from samples collected from the former OST (CSSB-013), including TCE and PCE at 0.004 ppm and 0.0062 ppm, respectively (Appendix A, Table 3). Maximum total lead, total arsenic, and total chromium concentrations reportedly detected included 170 ppm lead in the former OST area (SSSN-039), 16 ppm arsenic in the former UST area (PFN-037), and 43 ppm chromium beneath the former SB (CSSB-008) and sump 2 (S2SB-015) (Appendix A, Table 6) (NM, 2005).

Ground water samples were collected from monitoring wells MW-1, MW-2, and MW-3 and analyzed for TPHg, TPHd, BTEX, VOCs, and CAM 17 metals in April 1996. Laboratory analyses reportedly detected 140 ppb TPHg in the ground water samples collected from monitoring well MW-3; TPHg was not detected in monitoring wells MW-1 and MW-2. In addition, 8,700 ppb TPHd and 6,400 ppb TOG were detected in the MW-2 ground water, and 0.69 ppb toluene was detected in the MW-1 ground water (Appendix A, Table 2). Cis-1,2-DCA (2.2 ppb) was reportedly detected in ground water from monitoring well MW-2; 1,1-dichloroethane (12 ppb) and cis-1,2-DCE were reportedly detected in ground water from MW-3 (Appendix A, Table 5). Total lead concentrations were reported in wells MW-1 and MW-2 at 6.5 ppb and 8.2 ppb, respectively (Appendix A, Table 7) (SEC, 1996).

A document prepared in November 1996 by SEC, titled Former East Bay Wash Rack Facility San Pablo, California, Soil Sampling, Above Ground Storage Tank Vault (SEC, 1996) was summarized by NM (2005); this document was not provided to us. The document reported that two soil samples (VS-001E and VS-002W) were collected in November 1996 from beneath the SCE and analyzed for TPHd and total recoverable petroleum hydrocarbons (TRPH). The samples were collected at depth of approximately 1 foot below the east and west sides of the concrete vault. No figures were reportedly included in the report showing the sample locations; therefore, the samples were not located on the figures in this RAW. Maximum concentrations of TPHd and TRPH were reported at 4,400 ppm and 9,300 ppm from sample VS-001E (Appendix A, Table 1).

A Site Characterization Report, East Bay Wash Rack Facility, 2812 Giant Road, was prepared by SEMCO/HK2, Inc (HK2) in July 1997 (HK2, 1997). The report summarized a soil and ground water sampling investigation in the vicinity of the former SCE area conducted in May 1997 (Figures 2 and 3). Soil samples B-4 through B-9 were collected

around the perimeter of the SCE at selected depths and analyzed for TPHd and TPHmo using EPA Test Method 8015M. Samples reporting TPHd were also analyzed for BTEX using EPA Test Method 8020. Maximum concentrations of TPHd and TPHmo reportedly detected were in the 5-foot sample from boring B-7 5 at 500 ppm and 6,400 ppm, respectively (Appendix A, Table 1). BTEX constituents were not reported above laboratory reporting limits.

Ground water samples were collected from monitoring wells MW-1, MW-2, and MW-3 in March 1997. Ground water samples were analyzed for TPHg and TPHd using EPA Test Method 8015M, BTEX using EPA Method 8020, and VOCs using EPA Test Method 8260B (Appendix A, Tables 2 and 5). Ground water sample results reported maximum concentrations of TPHd at 142 ppb in well MW-1 and total xylenes in wells MW-2 and MW-3 at 3.0 ppb and 3.0 ppb, respectively. VOC sample analysis reported 1,1-DCA at 6.0 ppb in well MW-3 (HK2, 1997).

A *Fourth Quarter 1997 Groundwater Monitoring and Sampling Report* for the EBWR was prepared by HK2 in January 1998 (HK2, 1998). The document reported ground water sampling data from May 1996 through December 1997. The report included tables for ground water gradient, which ranged from 0.004 ft/ft in September 1997 to 0.007 ft/ft in May 1996. Ground water flow was toward the southwest during each sampling event. Sample analytical data was reported for TPHg, TPHd, BTEX, and VOCs for all events, while TRPH and CAM 17 Metals were reported during the April 1996 event only. The March 1997 ground water monitoring events are discussed above. Ground water monitoring results from the three events conducted between June and December 1997 did not report TPHg, TPHd, BTEX, and VOCs above laboratory reporting limits. Analytical results for the most recent monitoring well sampling events are summarized on Figure 5.

2.8.2 Parker Trucking Subsurface Investigations (2832 Giant Road)

During 1989 and 1990 drilled 16 exploratory borings (B-1 through B-16) on the Parker Trucking parcel (Figures 3 and 6). Select soil samples were collected from each boring at depths ranging from approximately 2 feet to 8.5 feet. Three of the borings were converted to ground water monitoring wells (MW -1, MW-2, MW-3). Monitoring well MW-1 was located at the MPC, MW-2 was located at the TWP and asphalt parking lot, and MW-3 was located adjacent to the office building (Figure 2). Monitoring wells MW-1, MW-2, and MW-3 were installed to depths of 17 feet, 21 feet, and 21 feet, respectively (HLA, 1990).

Selected soil and ground water samples were analyzed for TPHg and TPHd using EPA Method 8015M, VOCs using EPA Test Method 8240, and SVOCs using EPA Test Method 8270. Maximum concentrations of TPHd in soil were reported at 1,600 ppm from sample B-12-5 from the MPC area (Figure 4). Toluene was reported in sample 0.65 ppm in sample B-6-3 collected from TMB. VOCs reported included 1,1-DCA (maximum concentration at 0.045 ppm in sample B-3-2-5); no TCE or PCE was reportedly detected. TPHg or SVOCs were not reported above laboratory reporting limits (Appendix A, Tables 1 through 5) (HLA, 1990).

Ground water monitoring wells MW-1 through MW-3 were sampled in February 1990. Maximum concentrations reported for TPHd and TPHg were 14,000 ppb and 2,000 ppb

from well MW-1 (Appendix A, Table 2). Analytical results are also summarized on Figure 5. Benzene was reported at 90 ppb in MW-2 (Appendix A, Table 2). VOCs 1,1-DCA and 1,2-DCE were detected in wells MW-1 and MW-2 at 600 ppb and 42 ppb, respectively. Maximum SVOCs concentrations were reported at 64 ppb for 2-methylnaphtalene (Appendix A, Table 5) (HLA, 1990).

A March 1993 report by HLA summarized the removal and disposal of an overlying concrete pad and two sumps, and the excavation of soil to a depth of approximately 10 feet (Figure 4) from around the former MPC area. Confirmation samples SS-1-7, SS-3-9, SS-4-7, SS-6-7, SS-15-5, SS-16-5, B-4, and B-10 were collected from the MPC excavation in September 1990 and analyzed for TPHd and residual petroleum hydrocarbons using EPA Test Method 8015. Sample locations are shown on Figure 4. In addition, the report also summarized the removal of a catchment trench and surrounding concrete pad at the TWP area where four samples (SS-10-1.5, SS-11-6, SS-12-5, and SS-13-6) were collected in September 1990. The samples were analyzed for TPHd and residual petroleum hydrocarbons using EPA Test Method 8015. Laboratory analyses of the soil samples detected maximum TPHd concentrations of 5,900 ppm in sample SS-6-7 and maximum TOG at 1,800 ppm in sample SS-4-7 (Appendix A, Table 1 and Figure 4) (HLA, 1993).

In January 1993, six additional soil borings (B-17 through B-20, MW-4 and MW-5) were drilled, of which two were converted to ground water monitoring wells (MW-4 and MW-5). Boring and monitoring well locations are shown on Figure 3 and 4. Monitoring well MW-4 was located approximately 60 feet down-gradient of the former MPC area and monitoring well MW-5 was located approximately 40 feet down gradient of the former sump area. Select soil samples were analyzed for TPHg and TPHd (EPA Test Method 8015), BTEX (EPA Test Method 8020), and TOG (EPA Test Method 503E). Laboratory analyses of the soil samples did not detect petroleum hydrocarbons, with the exception of 0.003 ppm benzene detected in a soil sample collected from boring B-19 at a depth of approximately 9 feet and 0.004 ppm xylenes detected in a soil sample collected from boring MW-4 at a depth of approximately 9 feet. Reported ground water flow and gradient was toward the west-northwest at approximately 0.005 ft/ft (HLA, 1993).

HLA prepared a *Quarterly Technical Report, Second Quarter of 1993, 2832 Giant Road*, in November 1993 (HLA, 1993), which discussed the second quarter 1993 ground water monitoring well sampling for monitoring wells MW-3, MW-4, and MW-5 on the Parker Trucking parcel. Ground water gradient for the site was measured at 0.005 feet/foot, flowing toward the northwest. Ground water samples were analyzed for TPHg and TPHd (EPA Test Method 8015M), BTEX (EPA Test Method 8020), and TOG (Standard Method 5520). TPHg was reported in ground water samples collected from monitoring wells MW-3 and MW-4 at 150 ppb and 170 ppb, respectively; no other constituents were reported above laboratory reporting limits (HLA, 1993).

HLA prepared a *Quarterly Technical Report, Third Quarter of 1993, 2832 Giant Road*, in November 1993 (HLA, 1993), which discussed the third quarter 1993 ground water monitoring well sampling for monitoring wells MW-3, MW-4, and MW-5 on the Parker Trucking parcel. Ground water gradient for the site was measured at 0.006 feet/foot, flowing toward the west-northwest. Ground water samples were analyzed for TPHg and TPHd (EPA Test Method 8015M), BTEX (EPA Test Method 8020), and TOG

(Standard Method 5520) (Appendix A, Table 2). TPHg, TPHd, and BTEX were not reported above laboratory reporting limits (HLA, 1993).

A *Quarterly Technical Report and Request for No Further Action Fourth Quarter of 1993, 2832 Giant Road,* report was prepared by HLA in March 1994. Laboratory analyses of ground water samples collected from monitoring wells MW-3, MW-4, and MW-5 in December 1993 did not detect petroleum hydrocarbons. The report requested no further action for the site from the CRWQCB because COCs, including TPHg, TPHd, and BTEX, were not reported above laboratory reporting limits during the October and December ground water monitoring events (HLA, 1993). Regulatory site closure was granted by the RWQCB in June 1995.

2.8.3 Overall Site Subsurface Investigation (2812 and 2832 Giant Road)

SCA Environmental (SCA) evaluated soil and ground water quality in September 2002. Soil and ground water samples were reportedly collected from the former UST area (GS-SB-1-UST) (soil) and (GS-GW-1-UST) (ground water); from the area of the former ASTs (GS-SB-2-DS) (soil) and (GS-GW-2-DS) (ground water); former drain/sump (DS) location (GS-SB-4-ST) (soil) and (GS-GW-4-ST) (ground water), and MPC area (GS-SB-5-ST) (soil) and (GS-GW-5-ST) (ground water) (Figure 3). The samples were analyzed for VOCs (EPA Test Method 8260B), SVOCs (EPA Test Method 8270), and metals (Appendix A, Table 3 through 7). Soil samples were collected from a depth of approximately 8 feet (SCA, 2002).

Maximum concentration reported by SCA for soil samples collected included PCE at 39 ppb for VOCs in sample GS-SB-UST-8 (UST area, EBWR) (Appendix A, Table 3). No other VOC constituents were reported in other soil samples. No SVOCs were reported in soil samples analyzed. The maximum total lead and total chromium results reported included 85 ppm in sample GS-SB-1-UST-8 and 41 ppm in sample GS-SB-2-DS-6, respectively (SCA, 2002).

Maximum concentrations reported by SCA for VOCs in ground water samples collected included cis-1,2-DCE at 46 ppb, 2.1 ppb TCE, and 4.5 ppb trans-1.2-DCE detected in sample GS-GW-1-UST (UST area). No SVOCs were reported in ground water samples collected. The maximum total lead and total chromium results reported included 0.019 ppm and 0.030 ppm in sample GS-GW-4-ST (former DS area), respectively. Chromium detected in ground water ranged from non-detect (two of four samples) to 0.03 ppm, and lead detected in ground water ranged from non-detect (two of four samples) to 0.019 ppm (SCA, 2002).

E&E prepared a *Targeted Brownfield Assessment Phase II Report* for the site in September 2003 (E&E, 2003) for sampling activities conducted in June 2003. Soil samples were collected from depths ranging from the surface to approximately 8 feet. Soil and ground water samples were collected from several areas on site (Figure 3), including the former UST area (GR-1 through GR-4 for soil and GR-1-GW for ground water); the former AST area (GR-5 through GR-8 for soil and GR-2-GW for ground water); the DS area (GR-9 for soil and GR-3-GW for ground water); the MPC area (GR-10-0 for soil and GR-4-GW for ground water); the existing soil pile (GR-11 through GR-15 for soil and GR-5-GW for ground water), and the railroad spur (GR-16 through GR-29 for soil and GR-6-GW for ground water). The soil samples were analyzed for

and analyzed for VOCs and metals, including organic lead. A triangular grid for the entire site was prepared for additional soil sample collected for total chromium. Sixteen soil samples were collected and identified as GR-30 through GR-46. The soil samples were analyzed for total chromium. Sample results are presented in Appendix A (Tables 3, 5, 6, and 7). The shallow ground water bearing zone did not yield significant quantities of ground water, limiting the number of ground water sampling locations and volume of samples collected. One boring location, GR-5-GW, did not yield ground water after the boring was allowed to remain open over night.

Laboratory analyses of soil samples detected a maximum of 110 ppb of benzene at the TMB. Minor concentrations of cis-1,2-DCE (8 ppb), benzene (1.0 ppb), PCE (12 ppb), and TCE (3.0 ppb) were also reported in various samples collected. The maximum concentrations of total lead, arsenic, and total chromium reported included 212 ppm detected in sample GR-17-0 (OWR), 74.2 ppm in sample GR-19-0 (rail spur), and 56.3 ppm at sample GR-39-0 (former storage building), respectively. Organic lead was analyzed for select samples; the maximum concentration of organic lead reportedly detected was in sample 0.403 ppm in sample GR-28-0 (OST) (Appendix A, Table 7) (E&E, 2003).

Laboratory analyses of three ground water samples collected by E&E in June 2003 generally did not detect VOCs, with the exception of 1.5 ppb 1,1-DCA in one sample, 1.3 ppb MTBE in one sample, up to 11 ppb PCE in two samples, and 28 ppb 1,1,2-trichloro-1,2,2-trifluoromethane in one sample. The concentrations of VOCs detected are below residential ESLs. Elevated concentrations of metals were detected in ground water, including up to 83,600 ppb aluminum, 1,320 ppb chromium, and 923 ppb nickel. E&E reported that the elevated concentrations of metals detected appeared to be the result of turbidity (sediment) in the samples that was not filtered prior to sample preservation (E&E, 2003). Based on analytical results of other ground water samples collected from the site by others and E&E's sampling/analytical methodology, the high levels of metals reported by E&E do not appear representative of ground water quality in the areas sampled.

Two reports, a Phase II Subsurface Investigation Report, 2832 Giant Road and an Additional Phase II Subsurface Investigation Report, 2832 Giant Road, were prepared by Secor International, Inc. in December 2003 (Secor, 2003) and January 2004 (Secor, 2004) for sampling activities conducted in November and December 2003. Soil samples were collected from a total of 26 soil borings. Soil samples were collected from 18 borings (Figure 3) during the November 2003 sampling event and analyzed for total arsenic using EPA Test Method 6010B, and organic lead (Appendix A, Table 6). Most of the sampling locations (SB-1, SB-5 through SB-18) were selected using a site-wide modified grid system. Three soil borings (SB-2, SB-3, and SB-4) were located independently of the grid, in the vicinity of the former UST area. Soil samples were collected from eight soil borings (SB-19 through SB-26) for the December 2003 sampling event and analyzed for total lead using EPA Test Method 6010B, and organic lead. Sample locations are shown on Figure 3.

Maximum total lead concentration for soil samples collected included 270 ppm and 380 ppm detected in samples SB3-1.5 (north of the former UST) and SB5-2.0 (rail spur) (Appendix A, Table 6), respectively. Lead ranged from 1.9 ppm to 94 ppm in the other 19 soil samples. The maximum organic lead concentration was reported in sample

SB16-2.5 (southwest site boundary) at 13 ppm (Appendix A, Table 7). The maximum arsenic level was reported in sample SB13-2.0 (located adjacent to the existing soil pile) at 34 ppm (Figure 3). Arsenic detected ranged from 3.2 ppm to 15 ppm in the other soil samples analyzed (Secor, 2003).

2.9 June and July 2005 Subsurface Investigation

Based on our initial meetings with EPA and CRWQCB staff and review of documents provided to us, additional soil quality data was required. The June 21, 2005 Work Plan was prepared and submitted to the CRWQCB to evaluate soil quality at the following on-site areas:

EPA Site 1
- Former railroad spur
- Future utility trench areas
- South side of former truck maintenance building where total organic lead (TOL) was detected in soil
- Future open space/playground area and other areas with limited soil quality data

EPA Site 2
- Area of elevated TOL detected near south property boundary (former sample location SB-16)
- Former underground storage tank (UST) area
- Future utility trench areas
- Future open space/playground areas and other areas with limited soil quality data

2.9.1 Subsurface Investigation – EPA Site 1

To evaluate soil quality on EPA Site 1, our field scientist directed a subsurface exploratory program, supervised, logged, and sampled 12 exploratory borings on June 29, and July 1, 2005 to a depth of approximately 4 feet and two exploratory borings to a depth of approximately 6 feet. The approximate boring locations are shown on Figure 3.

Exploratory borings LSB-16, LSB-17, and LSB-18 were located in the planned open space/playground area of the future residential development. Borings LSB-15 and LSB-19 were located in the existing railroad spur area. Borings LSB-12, LSB-13, LSB-14, EB-9, and EB-10 were drilled in the northern portion of the site where there is limited soil quality data; 6-foot deep borings EB-9 and EB-10 were located in future utility trench areas. In addition, four borings (LSB-20, LSB-21, LSB-22, and LSB-23) were drilled south of the former truck maintenance building where TOL was previously detected in soil. Soil sampling protocol is presented in Appendix B.

2.9.1.1 Laboratory Analyses – EPA Site 1

Soil samples collected from the surface to a depth of approximately ½ foot and from a depth of approximately 2 to 2 ½ feet (28 soil samples) were selected for laboratory analyses. In addition, the two soil samples collected from a depth of approximately 5 ½ feet to 6 feet from the future utility trench areas also were selected for laboratory

analyses. Thirty soil samples will be analyzed at a state-certified laboratory for total TPHd and TPHmo (EPA Test Method 8015M), and 17 California Assessment Manual (CAM) metals (EPA Test Method 6010/7000). The 14 soil samples collected from the surface to a depth of approximately ½ foot were also analyzed for total organic lead (tetraethyle lead) (CA-EPA/DTSC Method HML-939-M). Ten randomly selected soil samples were additionally analyzed for polychlorinated biphenyls (PCBs) and organochlorine pesticides (EPA Test Method 8081/8082) and polynuclear aromatic hydrocarbons (PAHs) (EPA Test Method 8270 SIM). Analytical results are summarized in Table C-1 in Appendix C; the complete analytical results and chain of custody documentation are presented in Appendix D.

2.9.2 Subsurface Investigation/Laboratory Analyses – EPA Site 2

2.9.2.1 SB-16 Area

To evaluate the extent of TOL previously detected near the south property boundary, four exploratory borings were drilled on June 29, 2005 to a depth of approximately 4 feet in the area of previous boring SB-16 (Figure 3). Boring LSB-1 was located at the approximately location of SB-16; borings LSB-2, LSB-3, and LSB-4 were located approximately 20 feet south, northeast, and northwest of the former SB-16 location, respectively. Soil sampling protocol is presented in Appendix B.

Soil samples collected from the surface to a depth of approximately ½ foot and approximately 2 to 2 ½ feet and the soil sample collected from a depth of approximately 3 ½ to 4 feet at the SB-16 location (nine samples) will be submitted to a state certified laboratory and analyzed for TOL (CA-EPA/DTSC Method HML-939-M). Analytical results are summarized in Table C-2 in Appendix C; the complete analytical results and chain of custody documentation are presented in Appendix D.

2.9.2.2 Former Underground Storage Tank (UST) Area

To evaluate the extent of TOL and petroleum hydrocarbons previously detected in soil in the former UST area, exploratory borings TP-1, TP-2, TP-3, and TP-4 were drilled on June 29, 2005 to a depth of approximately 10 feet (Figure 3). Ground water was encountered at a depth of approximately 9 feet in the borings. Apparent free product was observed on the ground water in boring TP-4. To help evaluate the extent of the free product, additional borings TP-5 and TP-6 were drilled on July 1, 2005. Free product was not observed on the ground water in these borings. Soil sampling protocol is presented in Appendix B.

Soil samples collected from the surface to approximately ½ foot, approximately 3 to 4 feet, and approximately 7 to 8 feet (12 samples) were submitted to a state certified laboratory and analyzed for TOL (CA-EPA/DTSC Method HML-939-M), TPHd and TPHmo (EPA Test Method 8015), and total petroleum hydrocarbons as gasoline (TPHg) and benzene, toluene, ethylbenzene, and xylene (BTEX) (EPA Test Method 801/8020). Analytical results are summarized in Table C-2 in Appendix C; the complete analytical results and chain of custody documentation are presented in Appendix D.

2.9.2.3 Utility Trench Areas and Data Gap Areas

To evaluate soil quality in the areas of planned utility trenches/road areas for the new development and to help evaluate soil quality in areas where there are gaps in previous

investigations, exploratory borings EB-1, EB-2, EB-3, EB-4, EB-5, EB-6, EB-7, and EB-8 were drilled on June 29 and July 1, 2005 to a depth of approximately 6 feet. Soil sampling protocol is presented in Appendix B.

Soil samples collected from the surface to a depth of approximately ½ foot, approximately 2 ½ to 3 feet, and approximately 5 ½ to 6 feet (32 soil samples) were submitted to a state certified laboratory and analyzed for 17 CAM metals (EPA Test Method 6010/7000), and TPHd and TPHmo (EPA Test Method 8015). The eight soil samples collected from the surface to a depth of approximately ½ foot also were analyzed for TOL (CA-EPA/DTSC Method HML-939-M). Three randomly selected soil samples collected from the surface to a depth of approximately ½ foot were additionally analyzed for organochlorine pesticides and PCBs (EPA Test Method 8081/8082) and PAHs (EPA Test Method 8270SIM). Analytical results are summarized in Table C-2 in Appendix C; the complete analytical results and chain of custody documentation are presented in Appendix D.

2.9.2.4 Future Open Space/Playground Areas

To evaluate soil quality in the two planned open space/playground areas, on June 29, 2005, exploratory borings LSB-7, LSB-8, and LSB-9 were drilled in the future playground east of the future Holly Street and borings LSB-5 and LSB-6 were drilled in the playground west of the future Holly Street (Figure 3). Soil sampling protocol is presented in Appendix B.

Soil samples collected from the surface to a depth of approximately ½ foot and approximately 2 ½ to 3 feet (10 soil samples) were submitted to a state certified laboratory and analyzed for 17 CAM metals (EPA Test Method 6010/7000), TPHd and TPHmo (EPA Test Method 8015), organochlorine pesticides and PCBs (EPA Test Method 8081/8082), and PAHs (EPA Test Method 8270SIM). The five soil samples collected from the surface to a depth of approximately ½ foot also will be analyzed for TOL (CA-EPA/DTSC Method HML-939-M). Analytical results are summarized in Table C-2 in Appendix C; the complete analytical results and chain of custody documentation are presented in Appendix C.

2.9.2.5 East Parcel

To evaluate soil quality beneath the East Parcel, exploratory borings LSB-10 and LSB-11 were drilled to a depth of approximately 4 feet (Figure 3). Soil sampling protocol is presented in Appendix B.

Soil samples collected from the surface to a depth of approximately ½ foot and approximately 2 ½ to 3 feet (four soil samples) were submitted to a state certified laboratory and analyzed for 17 CAM metals (EPA Test Method 6010/7000), and TPHd and TPHmo (EPA Test Method 8015). The two soil samples collected from the surface to a depth of approximately ½ foot were additionally analyzed for TOL (CA-EPA/DTSC Method HML-939-M), organochlorine pesticides and PCBs (EPA Test Method 8081/8082), and PAHs (EPA Test Method 8270SIM). Analytical results are summarized in Table C-2 in Appendix C; the complete analytical results and chain of custody documentation are presented in Appendix D.

2.9.3 Evaluation of White Substance, EPA Site 1 and 2

During drilling, a hard, chalk-like material was observed in several on-site borings. The material was observed near the ground surface and ranged from one inch to approximately 2 feet. The source of the material is not clear. To evaluate the quality of the material, a sample collected from boring EB-10 was analyzed for 17 CAM metals (EPA Test Method 6010/7471) and pH (EPA Test Method 9045C). With the exception of 0.93 ppm copper and 4.9 ppm zinc, no metals were detected above laboratory detection limits. The pH was 8.04. The complete analytical results and chain of custody documentation are presented in Appendix D

3.0 NATURE, SOURCE, AND EXTENT OF CONTAMINANTS

3.1 Petroleum Hydrocarbons

3.1.1 Soil

Based on laboratory analyses of soil samples collected from the site, petroleum hydrocarbons have been detected in soil in the former TWP and MPC areas on EPA Site 1. The source of petroleum hydrocarbons in these areas appears to be from vehicle maintenance and cleaning activities in these areas and may have resulted from leakage from the former sumps. The locations of soil samples exceeding the cleanup goals for petroleum hydrocarbons are shown on Figure 6.

Petroleum hydrocarbons have been detected in the former UST area on EPA Site 2, including boring TP-4 where free petroleum product was observed on the ground water (Figure 6). Based on laboratory analyses of soil samples collected from boring TP-4 at a depth of approximately 9 to 9 ½ feet, the approximate depth of the product, the product appears to be predominantly diesel-range hydrocarbons. The source of the hydrocarbons detected in the former UST area is likely fuel use associated with the former USTs and ASTs.

Additional locations where petroleum hydrocarbons have been detected above the proposed cleanup goals include the former SEC area (sample B-7) on EPA Site 2 and in the northeast area of EPA Site 2 (Sample NESB-002). In addition, apparent petroleum product was observed in near-surface sample S-6 (Figure 6).

3.1.2 Ground Water

Ground water analytical results from former on-site monitoring wells are summarized on Figure 5. Based on historic laboratory analyses of ground water samples collected from EPA Site 1, ground water in the former MPC area appears to have been impacted by gasoline and diesel range hydrocarbons. The extent of impact appeared to be limited, based on laboratory analyses of ground water samples from monitoring well MW-4, located approximately 60 feet down-gradient of the former MPC area. The CRWQCB granted case closure to the site in 1995.

Based on previous ground water analytical data, ground water in the former UST area of EPA Site 2 does not appear to have been significantly impacted. However, because of the free product observed on ground water in boring TP-4, it is anticipated that ground water in the area of this boring is likely impacted by petroleum hydrocarbons.

3.2 Metals

3.2.1 Soil

Based on laboratory analyses of soil samples collected from the site, the metals of concern detected are arsenic, chromium, and lead. Other metals were detected at concentrations below the CRWQCB's environmental screening levels (ESLs) or typical background levels. ESLs combine current Cal-EPA toxicity values with standard exposure factors to estimate media-specific concentrations in soil that are protective of humans over a lifetime of exposure. The ESLs also consider risk to ecologic health, risk to ground water quality, and indoor air risks for a range of site conditions. Metals concentrations were compared to natural background levels presented in published studies (Boergnen, 1981; Scott, 1991; Lawrence Berkeley National Laboratory, 1995). Laboratory analyses of soil samples collected from the site detected metals in the following areas above the proposed site cleanup goals (see Section 5), as shown on Figure 7.

EPA Site 1

- Railroad spur (60 ppm chromium [SB-15])
- Future courtyard/playground area (480 ppm lead [LSB-16])

EPA Site 2

- Former UST area (270 ppm lead [SB-3), 17.3 ppm arsenic [GR-16])
- Former OWR area (19.1 ppm arsenic [GR-17] and 276 ppm lead [GR-18])
- Railroad spur area (380 ppm lead [SB-5], 74.2 ppm arsenic [GR-19], 18.9 ppm arsenic [S-7], and 10.6 ppm arsenic [GR-20])
- Former IWR (13.4 ppm arsenic [GR-22], 13.1 ppm arsenic [GR-24])
- Southwest portion of EPA Site 2 (34 ppm arsenic [SB-13] and 15 ppm arsenic [SB-18])
- Former SEC area (81.1 ppm chromium [GR-6], 10.8 ppm arsenic [GR-5], and 10.3 ppm arsenic [GR-8])

3.3 Total Organic Lead

As noted above, previous site operations included the bulk transfer of tetraethyl lead (TEL) from railroad cars to tanker trucks for distribution. Therefore, TEL is a potential chemical of concern for the site. Laboratory analyses for total organic lead (TOL) have been performed for soil and ground water samples collected from the site. Because the TOL analysis detects TEL, the TOL analysis has been used to evaluate the presence of TEL at the site.

During previous investigations, TOL was detected in several soil samples, primarily on EPA Site 2. The highest organic lead detection was 13 ppm in sample SB-13, located near the southern property boundary with the adjacent school. The residential PRG for TEL is 0.0061 ppm; there is no ESL for TEL.

During the June and July 2005 investigation, 54 soil samples were analyzed for TOL. One boring (LSB-1) was drilled at the former location of previous boring SB-13; the former location of boring SB-13 was identified based on spray-paint markings on the ground that correlated with the location of the borings shown on previous reports.

Three soil samples were collected from boring LSB-1, including a depth of approximately 2 to 2 ½ feet, the reported depth of the 13 ppm TOL previously detected. In addition, soil samples were collected between the former SB-13 location and the property line (LSB-2), and to the northwest and northeast of SB-13. Laboratory analyses of soil samples from these borings did not detect TOL above the 0.01 ppm detection limit.

In addition, TOL was not detected in 16 soil samples collected from the former UST area, where TOL had previously been detected by others. Out of the 54 soil samples analyzed, TOL was detected in three soil samples collected on EPA Site 1 ranging from 0.20 ppm to 0.64 ppm. Two of these locations (0.22 ppm in LSB-22 and 0.20 ppm in LSB-23) were from the former MPC area, where TOL was detected in 2003 (0.026 ppm in sample GR-10). The third location with TOL detected during this investigation was from sample LSB-12 (0.64 ppm), located in the northwest corner of EPA Site 1.

Locations where TOL was detected during this and previous investigations above the 0.01 ppm cleanup goal are shown on Figure 7. Based on laboratory analyses of soil samples collected during this investigation, the elevated concentrations of organic lead previously detected (i.e. 13 ppm at SB-13) appears to have been anomalous. This is supported by a previous review of literature on TEL, which indicates that TEL is not stable in the environment and is rapidly degraded, eventually to inorganic lead (Secor, 2003). However, as an added precaution, all locations where TOL were previously detected above the cleanup goal are being included in the soil removal areas (Section 7).

3.4 VOCs

Laboratory analyses of 64 soil samples collected between 1989 and 2003 have not detected VOCs in soil above environmental screening levels, with the 0.04 ppm PCE detected soil sample SS350-6 (HLA, 1989) collected from the former UST area on EPA Site 2, 7.4 ppm PCE detected in soil sample S1SB-019 (SE, 1996) from sump 1 on EPA Site 2, and 0.039 ppm PCE detected in sample GS-SB-1-UST-8 (SCA, 2002), collected from the former UST area on EPA Site 1. The soil from sump 1 was subsequently overexcavated after the removal of the sump; VOCs were reportedly not detected in the verification soil samples.

PCE was not detected in ground water beneath the former UST area in 2002, indicating that the concentrations of PCE detected in the soil in the former UST area have not significantly impacted ground water quality. In 2002, TCE and PCE were detected at 10 ppb and 6.7 ppb, respectively, in ground water samples collected from the former SCE and southwest corner of EPA Site 2. These concentrations exceed the ESL of 5 ppb.

3.5 Pesticides, PCBs, and PAHs

During this investigation, DDT was detected in 8 out of 25 samples at a maximum concentration of 0.11 ppm, below the ESL of 1.7 ppm and California's hazardous waste limit (TTLC) of 1.0 ppm. Dieldrin was detected in one soil sample at 0.0059 ppm, below the direct exposure ESL of 0.03 ppm. In addition, PCBs were not detected in 25 samples analyzed. Based on these analytical results, organochlorine pesticides and PCBs do not appear to be a significant concern for the site.

During the June and July 2005 investigation, 25 soil samples were analyzed for PAHs. Benzo(a)pyrene was not detected in any of the soil samples analyzed. Ideno(1,2,3)pyrene and pyrene were detected at 0.038 ppm and 0.053 ppm in one soil sample (LSB-15) collected from the railroad spur area on EPA Site 1 . The ESLs for these compounds are 7.7 ppm and 85 ppm, respectively. In addition, 0.044 ppm anthracene was detected in soil sample LSB-16, collected from the future playground area on EPA Site 1. The residential ESL for anthracene is 2.8 ppm. Previous investigations between 1989 and 2002 included laboratory analyses of 20 soil samples for semi-VOCs, which include PAHs. No PAHs were detected above residential ESLs. Based on the analyses, PAHs do not appear to be a significant concern for the site.

4.0 REMOVAL ACTION OBJECTIVES

Removal action objectives (RAOs) for soil and ground water must mitigate the threat to human health and the environment in a manner consistent with the planned and potential activities at and future uses of the Site. RAOs for protecting public health address both chemical concentrations and potential exposure pathways. Either reducing concentrations and/or reducing potential exposures can achieve protection. RAOs for protecting the environment typically seek to minimize impacts on resources by addressing the medium of concern and the target cleanup levels.

4.1 Applicable or Relevant and Appropriate Requirements

Remedial action objectives should be consistent with Applicable or Relevant and Appropriate Requirements (ARARs) [40 CFR Section 300.415(j) for removal actions; and 40 CFR Section 300.430(e)(9)(iii)(B) and 300.430(f)(1)(i)(A) for remedial actions]. The underlying definitions are derived from the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (40 CFR Section 300.5). The ARARs are discussed below and are summarized in Table 1.

Applicable Requirements: Cleanup standards, standards of control, and other substantive requirements, criteria, or limitations promulgated under federal environmental or state environmental or facility siting laws that specifically address a hazardous substance, pollutant, remedial action, location, or other circumstance at a Site. See 40 CFR Section 300.400(g) for general requirements for identification of ARARs.

Relevant and Appropriate Requirements: Cleanup standards, standards of control, and other substantive environmental protection requirements, criteria, or limitations promulgated under federal environmental or state environmental or facility siting laws that, while not "applicable" to a hazardous substance, pollutant, contaminant, remedial action, location, or other circumstance at a Site, address problems or situations sufficiently similar to those encountered at the Site that their use is well-suited to the particular Site.

ARARs typically are separated into three categories as follows.

Chemical-specific ARARs: These are health-based or risk-based standards, which define the allowable limits of specific chemical compounds, found in or discharged to the environment. They can provide cleanup and discharge levels, governing the extent

of site remediation. Most of the chemical-specific ARARs are for ground water used for drinking water; few are available for ambient air or soil.

Location-specific ARARs: These requirements apply to natural site features (e.g., wetlands, flood plains, endangered species) and man-made features (e.g., landfills, city zoning, and places for historical or archaeological significant). Location-specific ARARs restrict the types of remedial actions which can be implemented based on the characteristics or location of the Site.

Action-specific ARARs: These ARARs are technology-based or activity-based limitations which set performance and design restrictions. They specify permit requirements and engineering controls which must be instituted during site activities, and restrict particular activities.

To Be Considered (TBC): Federal and state non-promulgated standards, policies, or guidance documents, and legal requirements, are not ARARs. However, according to the NCP guidance, these criteria also may be considered when evaluating and selecting remedial actions necessary to protect human health and the environment. See Section 40 CFR Section 300.4 (g)(3).

Table 1. Potentially Applicable or Relevant and Appropriate Requirements

Standard, Requirement, Criteria, Limitation	Citation	Description	Type of ARARs (Chemical, Location, Action, or To Be Considered [TBC])
Federal			
Classification and Regulation of Hazardous Waste	42 USC* 7401-7642	Establishes criteria for the determination of hazardous waste and its management	Chemical/Action
Hazardous Waste Identification	40 CFR** 261.24	Establishes criteria to determine whether solid waste exhibits hazardous characteristics	Chemical
Drinking Water Standards	40 CFR 141.11-141.16 40 CFR 141.60-141.63	Establishes national primary drinking water standards	Chemical
Transport of Hazardous Waste	40 CFR 263	Standards applicable to transporters of hazardous waste	Action
Toxic Substances Control Act	40 CFR 750 and 761	Establishes cleanup criteria and protocol for responding to a release of PCBs	Chemical
Clean Air Act	42 USC 7401-7642	Emission standards from stationary and mobile sources	Chemical
Occupational Health and Safety	29 CFR 1910.120	Establishes requirements for health and safety training	Action
Health Risk Assessment	US EPA, Risk Assessment Guidance for Superfund, 1989	Guidance and framework to assess health risk	TBCs (Action)
State and Local			
Hazardous Waste Generator Requirements	22 CCR 66262.1 et seq.	Establishes standards applicable to generators of hazardous waste	Action
Ambient Air Quality Standards	H&S‡ Sec. 39000-44071	Establishes standards for emissions of chemical vapors and dust	Chemical
Transportation of Hazardous Waste	22 CCR Chapter 13	Governs transportation of hazardous materials	Action

Continued.

Table 1, continued

State and Local			
Drinking Water Standards	22 CCR Division 4, Chapter 14 Sec. 64401 et seq.	Establishes drinking water standards for public water supply system	Chemical
Environmental Impact Review	Public Resources Code Sections 21000-21177	Mandates environmental impact review of projects approved by governmental agencies	Action
Emission Standard	Regulation 6, Rule 40 Regulation 8	Establishes emission standard for particulate matter; and notification requirement	Chemical
Disposal of Lead in Soil	H&S Sec. 25157.8	Establishes a standard for disposal of lead to a Hazardous Waste Land Disposal Facility	Chemical
Grading Permit	City of San Pablo	Permit required for site excavation and grading activities	Action
Stockpiling Requirements of Contaminated Soil	H&S Sec. 25123.3(a)(2)	Establishes standards for stockpiling of non-RCRA contaminated soil	Action
ESLs	CRWQCB Environmental Screening Levels	Guidance and framework to assess health and environmental risk	TCB (Action)
CHHSLs	California EPA Human Health Screening Levels	Guidance and framework to assess health risk	TCB (Action)
Occupational Health and Safety	8 CCR Sec. 1500, 2300, and 3200 et seq.	Establishes standards for working conditions and employees	Action

* USC – United States Code
** CFR – Code of Federal Regulations
†CCR – California Code of Regulations
‡H&S – California Health and Safety Code

4.2 Selection of Chemicals of Concern in Soil and Ground Water

Chemicals of concern (COCs) were identified by comparing concentrations of contaminants detected to CRWQCB's residential environmental screening levels (ESLs), federal EPA residential preliminary remedial goals (PRGs), and background concentrations. Chemicals and metals that exceeded these levels were selected as COCs.

4.2.1 Chemicals of Concern in Soil

Based on laboratory analyses of soil samples collected from the Site, COCs identified in soil beneath the site are summarized below.

- Arsenic
- Chromium
- Lead
- Total Organic Lead
- TPHg
- TPHd
- TPHmo
- VOCs

4.2.2 Chemicals of Concern in Ground Water

Based on a comparison of laboratory analyses of ground water grab samples and ground water samples collected from former monitoring wells to ESLs and drinking

water standards (MCLs), COCs identified in ground water beneath the site are summarized below.

- TPHg
- TPHd
- TPHmo

4.3 Conceptual Site Model

To evaluate potential exposure routs for the identified COCs in soil and ground water, a conceptual site exposure model (CSEM) was prepared (see diagram below). The CSEM is based on the historical site usage and extent of COCs identified during previous investigations. Primary sources of contaminants identified include hazardous materials storage (i.e. USTs, ASTs, and drums), piping and distribution, operations (i.e. bulk transfer of petroleum products from railroad cars to tanker trucks, vehicle cleaning, and equipment maintenance), and surface spills. Secondary sources identified include surface and subsurface soils and ground water contaminated by COCs from the primary sources. Potential transport mechanisms include dermal contact with affected soils, ingestion of affected soils, inhalation of dusts and vapors, and consumption of contaminated ground water. The planned removal actions described below will reduce risks of exposure to COCs to levels acceptable for residential development.

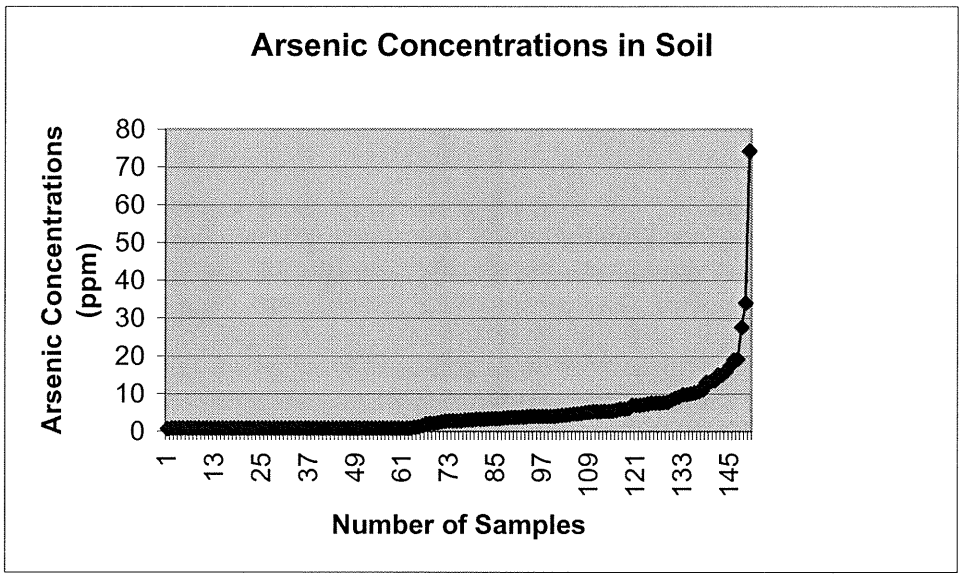
5.0 PROPOSED CLEANUP GOALS

Proposed cleanup goals for soil are discussed below and are summarized in Tables 2A and 2B.

5.1 Arsenic in Soil

Generally, regulatory agencies do not require cleanup below natural background concentrations. In some cases, the predictive risk-based models generate CHHSLs or ESLs that lie below typical background concentrations. An example is naturally occurring arsenic in soil, which frequently has a higher concentration than the risk-based concentrations set at a one-in-one-million cancer risk (the CHHSLs for residential soils for arsenic is 0.07 ppm). Therefore, the site-specific background concentration for arsenic is evaluated below.

To help evaluate background arsenic concentrations in soil, available analytical data for arsenic is shown in the plot presented below. Arsenic concentrations appear to rise consistently to approximately 10 ppm, slightly more steeply between 10 to 20 ppm, and rise steeply beyond 20 ppm. Based on the plotted data, the background appears to be approximately 12 ppm. This is consistent with published background levels for similar soil types. The University of California (Berkeley) Lawrence Berkeley Laboratory's report *Protocol for Determining Background Concentrations of Metals in Soil at Lawrence Berkeley National Laboratory (LBNL)*, dated August 1, 1995, evaluated background metals in several soil types. Based on soil types observed on-Site, the on-Site soils appear to be most closely related to the fill soil type evaluated in the LBNL study. Background concentrations of arsenic for this soil type in the LBNL study was 15 ppm. Based on the site data and published literature, a cleanup goal of 10 ppm arsenic is proposed.



5.2 Lead and Chromium in Soil

The CRWQCB's residential ESLs of 150 ppm and 58 ppm for lead and chromium, respectively, were selected as proposed cleanup goals for soil.

5.3 Total Organic Lead

The PRG for tetraethyl lead is 0.0061 ppm; there is no ESL for tetraethyl lead. Based on our toxicologist's review of readily available published literature, the PRG for tetraethyl lead appears to be highly conservative. Because the future residents will not have significant contact with on-site soils (i.e. no private yards), it may be possible to develop cleanup goals several orders of magnitude higher than the PRG. However, because site use restrictions are not desired, a cleanup goal close to the PRG is proposed. Based on our contact with certified laboratories, the lowest detection limit readily available at a reasonable laboratory response time and cost is 0.01 ppm; the typical laboratory detection limit for total organic lead (which includes tetraethyl lead) range from 0.5 ppm to 1 ppm. Therefore, a cleanup goal of 0.01 ppm, the lowest most reasonably achievable laboratory detection limit that we identified for total organic lead, is proposed.

5.4 TPH Gasoline, Diesel, and Motor Oil in Soil

Cleanup goals for TPH gasoline, diesel, and motor oil were based on the ESL's. The ESLs for TPHg, TPHd, and TPHmo for shallow soil (soil less than approximately 9 feet) at sites where ground water is not a potential drinking water source are 100 ppm, 500 ppm, and 500 ppm, respectively. The ESLs for deep soils (soil greater than approximately 9 feet) for TPHg, TPHd, and TPHmo are 400 ppm, 500 ppm, and 1,000 ppm, respectively.

Based on our conversations with CRWQCB staff, the cleanup goals for TPH used on other similar residential sites (i.e. the Derby Avenue residential redevelopment in Oakland, California) is acceptable. Because the future development will not include

areas where residents will be able to excavate soil (i.e. no private yards), and because the concentrations of residual hydrocarbons previously detected do not appear to be significantly impacting ground water quality, a modification to the ESLs appears appropriate. The proposed cleanup goal for the upper three feet of soil at this site is 500 ppm for combined TPHg, TPHd, and TPHmo, with a 100 ppm TPHg maximum. For soil between 3 and 6 feet, a 1,000 ppm combined cleanup goal for TPHg, TPHd, and TPHmo, with a maximum 500 ppm TPHg is proposed. For soil deeper than 6 feet a cleanup goal of 5,000 ppm combined TPHg, TPHd, and TPHmo is proposed. In addition, any soil observed with gross free product will be removed.

5.5 VOCs in Soil

Several VOCs, including PCE and TCE, have been sporadically detected in soil samples collected from the site. Because of the previous detections of VOCs, selected confirmation soil samples (Section 7.5) will be analyzed for VOCs. Analytical results will be compared to residential ESLs. If VOCs are detected above ESLs, we will discuss with CRWQCB staff whether additional actions are necessary.

5.6 TPH Gasoline, Diesel, and Motor Oil in Ground Water

Because apparent free petroleum product was encountered on ground water in boring TP-4 near the former UST excavation on EPA Site 2, ground water in the area of boring TP-4 likely is impacted. Therefore, ground water target levels for TPHg, TPHd, and TPHmo are proposed.

Because ground water down-gradient of the former UST area does not appear significantly impacted (based on previous ground water monitoring well data), concentrations of petroleum hydrocarbons beneath the former tank area appear to be limited in extent and are expected to decrease over time after the removal of the product. In addition, the nearest surface water body down-gradient of the site, San Pablo Bay, is located approximately 3/4 mile from the site. Therefore, petroleum hydrocarbons in ground water beneath the site do not appear to be a significant risk to ecologic health.

The City of San Pablo does not use ground water as a drinking water source. In addition, as discussed in Section 2.8.3, the shallow ground water bearing zone does not appear to yield a sufficient amount of ground water to be a potential drinking water source. Because the petroleum hydrocarbons detected in ground water do not appear to be a threat to drinking water or ecological resources, the ESLs for ceiling values (odors, etc) are proposed as the ground water target levels for the site. If concentrations of dissolved TPHg, TPHd, or TPHmo are detected in ponded water in the excavations (see Section 6) above the target levels, we will discuss with CRWQCB staff whether additional actions are required.

Table 2A. Proposed Soil Cleanup Goals

COC	Soil Cleanup Goals (ppm)		Basis
Arsenic	10		Site-Specific Background
Total Chromium	58		CRWQCB Residential ESL
Lead	150		CRWQCB Residential ESL
Total Organic Lead	0.01		Laboratory detection limit (Federal Residential PRG is 0.0061 ppm)
Tetrachloroethylene (PCE)	0.088		CRWQCB Residential ESL
Benzene	0.044		CRWQCB Residential ESL
TPH gasoline/diesel/ motor oil	0 – 3 feet	500 ppm total gasoline/diesel/residual fuels, with 100 ppm maximum TPH as gasoline	CRWQCB Residential ESLs
	3 to 6 feet	1,000 ppm total gasoline/diesel/residual fuels, with 500 ppm maximum TPH gasoline	
	6 feet to top of ground water	5,000 ppm total gasoline/diesel/ residual fuels (plus removal of gross free product)	

Table 2B. Proposed Ground Water Cleanup Target Levels

COC	Ground Water Cleanup Target (ppb)	Basis
TPH gasoline	5,000	CRWQCB ESL
TPH diesel	2,500	CRWQCB ESL
TPH residual fuels	2,500	CRWQCB ESL

6.0 ENGINEERING EVALUATION FOR THE REMOVAL ACTION

6.1 Removal Action Alternatives

This section provides the analysis of three removal action alternatives for mitigating the threat to human health and the environment posed by the contaminants exceeding the cleanup goals, taking into account planned and potential activities at and future uses of the site. These removal alternatives include the following.

- No action.
- Encapsulation of soil exceeding cleanup goals.
- Removal of soil exceeding cleanup goals. Pumping/discharge of ponded ground water from excavations. Addition of oxygen releasing compound (ORC) to excavations.

Other potential alternatives or innovative technologies have not been included because they are unlikely to be timely, implementable, and/or cost-effective.

6.1.1 Alternative 1 – No Action

The overseeing regulatory agency requires the consideration of no further action as a remedial alternative during the feasibility screening process. This remedial alternative will not involve the removal of the impacted materials from the site.

6.1.2 Alternative 2 –Encapsulation and Industrial Constraints

Under the proposed remedial approach, soil with contaminants above cleanup goals would be encapsulated on-site. If this alternative were to be chosen and approved, several restrictions would apply as discussed below.

- The site likely would be restricted to commercial use by a deed restriction.
- A Soil Management Plan would be required to establish employee and contractor practices and work procedures for activities involving the impacted material as well as to provide notices to subcontractors that may encounter this material in the future. In addition, the Operations and Maintenance (O&M) portion of the plan would include an annual inspection of the cap.
- A site-specific health and safety plan would be required to be prepared prior to initiation of construction activities at the site. Construction workers at the Site who contact soil would be required to have the appropriate California Occupational Safety and Health Administration (OSHA) health and safety training.

6.1.3 Alternative 3 – Excavation and Off-Site Disposal of Soil Exceeding Cleanup Goals, Pumping of Ponded Ground Water from Excavations, ORC Addition

Under this alternative, soil exceeding cleanup goals would be excavated and disposed off-site at appropriate disposal facilities. In addition, the location of boring TP-4, where free product was observed, would be over-excavated into the top of the shallow ground water. Ponded ground water in the excavations would be pumped from the pits, treated, and discharged under permit to the sanitary sewer or disposed at an appropriate off-site facility. The purpose of the pumping is to help remove residual product and significantly impacted ground water.

Prior to backfilling the TP-4 excavation, ORC will be added to its base. ORC is a mixture of magnesium peroxide that is designed to produce a slow and sustained release of molecular oxygen when in contact with soil moisture and ground water. The released oxygen will increase the rate of natural biological degradation of petroleum hydrocarbons in the capillary fringe soil and underlying ground water. The ORC will help degrade the petroleum hydrocarbons into harmless by-products, such as carbon dioxide and water. There are no known adverse effects associated with the residual magnesium from the ORC.

All work that involves exposing, excavating, or stockpiling impacted fill on- site would be performed by a contractor appropriately licensed to handle hazardous materials. All on- site workers who may be exposed to health hazards will be certified for hazardous waste operations and emergency response per OSHA regulations under 29 CFR 1910.120 and Cal OSHA regulations.

6.2 Evaluation of Removal Action Alternatives

The evaluation of removal action alternatives should consider the effectiveness, implementability, and cost of each response alternative. Summaries of the effectiveness, implementability, and cost of the proposed remedial action alternatives

are included in Appendixes E and F. These evaluation criteria are discussed and compared for the three proposed remedial action alternatives discussed above.

6.2.1 Effectiveness

The evaluation of the effectiveness of each alternative is based on:

- The reliability and proven history of the alternative with respect to the chemicals and conditions found at the property, and
- The ability of each alternative to mitigate the threat to human health and the environment posed by impacted soil in a manner consistent with the planned and potential activities at and future uses of the property.

Alternative 1, no action, will not be protective of human health and the environment.

Alternative 2, institutional actions and capping beneath pavements and building pads, relies on institutional constraints, management plans, and capping to limit exposure of individuals to the impacted material. The impacted material would remain on- site. The institutional constraints and management plans would manage the on- site impacted material. Because of the planned residential redevelopment of the site, this alternative is not effective or consistent with the planned Site use.

Alternative 3, excavation and off-site disposal, limits exposure of individuals to the impacted soil by removal of soil exceeding residential cleanup goals. The removal of free product at the TP-4 location, pumping of ponded ground water, and addition of ORC to the TP-4 excavation prior to backfilling is expected to significantly reduce ground water impacts. This alternative is considered effective and is consistent with the planned development activities of the property.

6.2.2 Implementability

Implementability of a response alternative is based on the technical and institutional feasibility of implementing the alternative. Technical feasibility includes the availability of necessary equipment and skilled workers to implement the alternative. Institutional feasibility includes obtaining the necessary permits or regulatory concurrence.

The three remedial alternatives are technically implementable. However, Alternative 1 (no action) and Alternative 2 (capping) do not meet the property owners' plans to redevelop the site and also likely would not receive institutional approvals. Therefore, Alternatives 1 and 2 are inconsistent with planned and potential activities and future uses of the site and are not considered implementable.

Alternative 3 (excavation and off-site disposal, ponded ground water pumping, and ORC addition to TP-4 excavation) is considered institutionally implementable with respect to the planned activities and future uses of the site.

6.2.3 Cost

The cost of implementing an alternative includes capital and continuing costs. To compare the total cost of implementing each alternative, costs associated with implementing each alternative were estimated. The capital costs and continuing costs associated with implementing the three alternatives described above are summarized in Appendix F.

6.2.3.1 Capital Costs

Capital costs associated with implementing Alternatives 2 and 3 include construction costs (e.g., constructing a soil and/or asphalt cap and excavating of impacted material, engineering costs [e.g., preparing plans and specifications, performing construction oversight, and on-going monitoring]), reporting costs, and regulatory agency oversight costs. Estimated capital costs for each alternative are presented in Appendix E.

6.2.3.2 Continuing Costs

If Alternative 2 were chosen and approved, the overseeing regulatory agency would require deed restrictions and/or notices. Therefore, continuing costs would be incurred as a result of these institutional constraints. It is assumed that these costs likely would be incurred during earthwork "events" and result in increased long-term expenses to the property owner. Such events will include building construction or underground utility maintenance. These events will likely require:

- Notifying overseeing regulatory in advance of performing earthwork;
- Preparing appropriate plans for submittal to overseeing regulatory agency, including work plans, health and safety plans, dust control plans, and surface water control plans;
- Regulatory agency document review;
- Using contractors with 24- or 40-hour health and safety training to perform earthwork;
- Regulatory agency oversight during the earthwork event;
- Preparing reports summarizing earthwork activities;
- Disposing impacted material; and
- Reimbursing the overseeing regulatory agency for review and oversight costs.

Estimated costs associated with performing these activities are included as typical "event costs," which occur at a certain frequency based on the magnitude and extent of impacted material that remains on- site under Alternative 2. Continuing costs for

Alternative 2 are outlined in Appendix F. General assumptions made while developing estimates for continuing costs are listed below.

- Continuing costs will be incurred for annually inspecting and periodically maintaining the cap.
- Continuing costs likely will be incurred during earthwork "events" in areas with deed restrictions or notices.

6.2.3.3 Cost Summary

Estimated remediation costs for implementing each alternative are calculated based on the sum of capital costs and continuing costs. The cost estimates also are summarized in Appendix F.

Alternative 1: No action [$0]

Alternative 2: Institutional constraints and capping

EPA Site 1 [$42,000]

EPA Site 2 [$66,000]

Alternative 3: Excavation and Off-Site Disposal, Ground Water Aeration

EPA Site 1 [$191,000]

EPA Site 2 [$409,000]

6.2.4 Removal Action Alternative Selection

Alternative 1 is the least effective of the proposed alternatives in mitigating the threat to human health and the environment. Alternative 1 is inconsistent with the planned and potential activities and future uses at the site and is not considered effective or implementable.

Alternative 2 is more effective than Alternative 1 at mitigating the threat to human health and the environment but is inconsistent with the planned development and would not receive regulatory agency approval. Therefore, Alternative 2 is not considered effective or implementable.

Alternative 3 is the most effective alternative for mitigating the threat to human health and the environment and is consistent with the planned development. Based on consideration of the factors, Alternative 3 is recommended as the removal action alternative for the site.

7.0 IMPLEMENTATION OF SELECTED REMOVAL ACTION ALTERNATIVE

Section 3 described areas on- site with COCs in soil above cleanup goals. These locations are shown on Figure 8. Figure 9 shows the locations in relation to the future development.

7.1 Health and Safety Plan

In support of the RAW, a site-specific Health and Safety Plan (HSP) covering soil excavation and related activities will be submitted to the CRWQCB staff.

7.2 Excavation of Soil Exceeding Cleanup Goals

Soil will be excavated from the areas shown on Figure 8 by an appropriately licensed contractor. Excavation depths are expected to range from approximately 2 to 10 feet, as shown on Figure 8. Excavations at the former MPC on EPA Site 1 and the former UST and TP-4 boring location on EPA Site 2 will extend approximately 1 foot into ground water; ground water was encountered at a depth of approximately 9 feet during previous on-site investigations.

Verification soil samples will be collected and analyzed, as discussed in Section 7.4. Based on the verification analytical results, additional soil may be excavated and additional verification soil samples collected/analyzed if cleanup goals are exceeded.

Barricades and/or temporary fencing will be placed around any excavation that is deeper than 4 feet below ground surface. The excavations will be backfilled in accordance with the requirements of the geotechnical engineer with either "clean" imported soil (soil that does not exceed site cleanup goals or the CRWQCB's residential ESLs) or over-excavated material that does not exceed the cleanup goals.

7.3 Contaminated Soil Stockpiling

Excavated soil will be stockpiled on- site, adjacent to the excavations, on top of and covered by an impermeable liner (6 mil) to reduce infiltration by rainwater and contamination of the underlying soil. The stockpiles will be sprayed with water for dust suppression, as necessary. If the suspect soil is to remain on- site for more than 8 hours, sandbags or tires will be placed on the stockpile to secure the plastic sheeting. Hay bales will be placed around the stockpile to reduce runoff. While remaining on- site, the stockpiles will be checked daily to verify that they are adequately covered.

It is anticipated that the stockpiled soil will be profiled for disposal using the existing analytical data. Therefore, it is not anticipated that samples of the stockpiled soil will be collected and analyzed. If required by the disposal facility, soil samples will be collected from the stockpiles following the protocol discussed below and submitted for laboratory analyses.

7.4 Confirmation Sampling

To document the concentrations of COCs left in place after the soil removal, soil samples will be collected from the base and sidewalls of the excavation areas. Verification soil samples will be collected for every approximately 25 feet of excavation sidewall. For the 2-foot deep excavation areas (Figure 8), verification soil samples will be collected at a depth of approximately 1 to 2 feet. At deeper excavation areas, additional verification samples will be collected at approximately mid-excavation depth (i.e. approximately 5 feet for the 10 foot deep excavations). In addition, one confirmation sample will be collected for every approximately 1,000 square feet of excavation base. For small excavation areas (i.e. the SB-13 excavation in the southeast corner of EPA Site 2) a minimum of four sidewall samples and one base sample will be collected. Samples of the excavation base will not be collected from excavations that extend into the shallow ground water.
As shown on Figure 8, portions of the railroad spur will be removed as part of the site cleanup. Because of the potential for contaminants to have been released (i.e. fuel leaks from locomotives) or applied (i.e. pesticides or pesticide-related metals applied for pest control) along railroad tracks, supplemental confirmation soil samples will be collected from beneath the railroad spur after it is removed. It is anticipated that the spur will remain in place until the cleanup activities. One confirmation soil sample will be collected for each approximately 100-foot segment of the former railroad spur, except in the planed soil removal areas. It is anticipated that six supplemental confirmation soil samples will be collected from the railroad spur areas from the upper approximately ½ foot of soil beneath the spur.

Confirmation soil samples will be collected in brass liners using hand-sampling equipment. The ends of the liners will be covered in aluminum foil or Teflon™ film, fitted with plastic end caps, taped, and labeled with a unique identification number. The samples then will be placed in an ice-chilled cooler, and transported to a state-certified analytical laboratory with chain of custody documentation.

7.5 Laboratory Analyses

The COCs for the proposed soil removal areas are shown on Figure 8. Laboratory analyses that will be performed are summarized in Table 3. Confirmation laboratory analyses will be limited to the identified COC at each excavation area.

Table 3. Confirmation Sample Laboratory Analyses

COC	Laboratory Analytical Method
TPH gasoline	EPA Test Method 8015B
TPH diesel	EPA Test Method 8015B
TPH residual fuels	EPA Test Method 8015B
Arsenic, Chromium, and Lead	EPA Test Method 6010B
Total Organic Lead	HML 939-M (0.01 ppm detection limit)
VOCs	EPA Test Method 8260

The supplemental confirmation soil samples collected from the railroad spur area will be analyzed for TPHd and TPHmo (EPA Test Method 8015B), 17 CAM metals (EPA Test

Method 6010B/7471A), TOL (HML 939-M), and organochlorine pesticides (EPA Test Method 8081A).

7.6 Transport and Disposal of Excavated Soil

For soil to be removed from the site, the analytical results will be forwarded to an appropriate permitted facility for confirmation of acceptance for disposal. It is anticipated that the excavated soil will accepted for disposal as non-hazardous waste at Class II facilities.

Upon approval by the disposal facility, the soil will be loaded into and transported by trucks that are fully licensed and permitted to carry the impacted soil. Prior to leaving the site, the trucks will be decontaminated to minimize dust emission during transportation. The trucking shall be conducted in compliance with CALTRANS regulations and in accordance with all other applicable federal and local regulations.

7.7 Ponded Ground Water Pumping and ORC Addition

Ground water ponded and product (if any) in the TP-4 excavation will pumped into a temporary portable storage tank. The volume of water pumped will depend on the amount of ponded water and effectiveness of the product removal.

After the pumping, a sample of the ponded water will be collected analyzed for TPHg, TPHd, and TPHmo (EPA Test Method 8015B) to evaluate the concentrations of residual hydrocarbons. Additional pumping may be recommended, based on the analytical results.

The pumped water inside the portable storage tank also will be sampled to evaluate disposal alternatives. A sample of the water will be collected and analyzed for TPHg, TPHd, and TPHmo (EPA Test Method 8015B). The water will be discharged to the sanitary sewer under a permit obtained from the POTW or discharged off-site at an appropriately permitted facility, depending on concentrations of hydrocarbons detected and volume of water pumped.

Prior to backfilling the excavation, approximately 500 pounds of ORC will be added to the base of the TP-4 excavation to help enhance the natural biodegradation of the hydrocarbons.

7.8 Dust Control

Soil excavation, stockpiling, loading, and trucking will be conducted so as to minimize the creation and dispersion of dust, including the following measures:

- Application of water while grading, excavating, and loading, as needed;
- Limiting vehicle speeds to 5-miles per hour on unpaved portions of the Site;
- Minimizing drop heights while loading/unloading soil;
- Covering stockpiles with an impermeable liner, as discussed in Section 7.3; and

- Covering trucks with tarps before they leave the site. In the event a tarp rips or comes loose, the truck will be stopped and the tarp repaired or replaced. If the tarp is not repairable, the truck will not be moved until a new tarp can be obtained and placed on the truck. Only then will the truck be permitted to continue to the disposal facility.

7.9 Equipment Decontamination

Contractors whose vehicles and construction equipment contact impacted soil will be required to clean the equipment prior to leaving the site. A gravel decontamination pad will be built at the construction exit. Decontamination may include dry methods, such as brushing, scraping, or vacuuming. If the dry methods are not effective, the contractor may use wet methods, such as steam cleaning or pressure washing. The contractor, however, will be required to collect and appropriately manage the wash water. Wash water management methods may include use for dust control in areas of impacted soil and/or off-site disposal at an appropriate facility.

7.10 Storm Water Pollution Controls

The Urban Runoff Pollution Prevention Program, also called the Non-Point Source Program, was developed in accordance with the requirements of the 1986 San Francisco Bay Basin Water Quality Control Plan to reduce water pollution associated with urban storm water runoff. This program was also designed to fulfill the requirements of the Federal Clean Water Act, which mandated that the EPA develop National Pollution Discharge Elimination system (NPDES) Permit application requirements for various storm water discharges, including those from municipal storm drain systems and construction site.

For properties of 1 acre or greater, a Notice of Intent (NOI) and Storm Water Pollution Prevention Plan (SWPPP) must be prepared prior to commencement of construction. EBALDC's civil engineer will prepare a Storm Water Pollution Prevention Plan (SWPPP) for the grading and construction activities on the Site. The removal actions are not expected to occur during the winter season. However, storm water management controls will be implemented, as needed, to reduce the potential for impacted soils to impact storm water runoff. These storm water controls are based on best management practices (BMPs), such as those described in the *Erosion and Sediment Control Field Manual* (CRWQCB, 1998) and the *Manual of Standards for Erosion and Sediment Control Measures, Second Edition* (ABAG, 1995). The BMPs implemented may include, but are not limited to, the following:

- Construction of berms or silt fences at the perimeter of the site, as appropriate;
- Placing of straw bale barriers around entrances to storm drains and catch basins;
- Covering stockpiles of soil with an impermeable barrier during rain events (see Section 7.3);
- Placement of gravel at project entrances/exits where soil can be removed from vehicles prior to leaving the Site.

7.11 Air Monitoring

Air monitoring will not be performed during the excavation activities at the site.

7.12 Key Contacts

Key project contacts are summarized in Table 4.

Table 4. Key Contacts

Company	Contact	Telephone Number
Lowney Associates	Peter M. Langtry, P.G., C.E.G.	510-267-1970, ext. 203
EBALDC	Kathy Chao	510-763-5353
CRWQCB	Mary Rose Casa	510-622-2447

8.0 LIMITATIONS

This RAW was prepared for the use of EBALDC and the CRWQCB in evaluating remedial alternatives at the 2812 and 2832 Giant Road at the time of this study. We make no warranty, expressed or implied, except that our services have been performed in accordance with environmental principles generally accepted at this time and location. The chemical and other data presented in this report can change over time and are applicable only to the time this study was performed. We are not responsible for the data presented by others.

In providing opinions of estimated remediation cost, the EBALDC understands that Lowney Associates has no control over the cost or availability of labor, equipment or materials, or over market conditions, or the Contractor's method of pricing, and that Lowney Associates' opinions of estimated remediation cost are made on the basis of our professional judgment and experience. We recommend a minimum contingency of 30 percent to be added to all estimates. Lowney Associates makes no warranty, expressed or implied, that the bids, the negotiated cost of work, or the actual cost of work will not vary from Lowney Associates' opinion of estimated remediation cost.

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10.0 LIST OF ACRONYMS

APN	Assessor's Parcel Number
AST	Aboveground Storage Tank
bgs	below ground surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
CCCHS	Contra Costa County Health Services
CHHSL	California Human Health Screening Level
CHWL	California Hazardous Waste Limit
COC	Compound of Concern
CRWQCB	California regional Water Quality Control Board
DS	Drain Sump
DTSC	Department of Toxic Substances Control
EBALDC	East Bay Asian Local Development Corporation
EBWR	East Bay Wash Rack
EPA	Environmental Protection Agency
ESL	Environmental Screening Level
ESP	Existing Soil Pile
FSB	Former Storage Building
HLA	Harding Lawson Associates
HWT	Hot Water Tanks
IWR	Indoor Wash Rack
LES	Lake Elementary School
LEL	Lower Explosive Limit
MB	Maintenance Building
MCL	Maximum Contaminant Level
MPC	Machine Parts Cleaning
MTBE	Methyl Tertiary Butyl Ether
NEBWR, SEBWR, EEBWR, WEBWR	North, south, east, and west areas of EBWR
NEEBWR, SWEBWR, NWEBWR, WEBWR	Northeast, southwest, and northwest areas of EBWR
NM	Ninyo & Moore
OSHA	Occupational Safety and Health Administration
OT	On Site Technologies, Inc.
OST	Oil Storage Tanks
OWR	Outdoor Wash Rack
PAH	Polynuclear Aromatic Hydrocarbon
PCB	PolyChlorinated Biphenyl
PCE	Tetrachloroethene
ppb	parts per billion
ppm	parts per million
PRG	Preliminary Remediation Goal
RS	Railroad Spur
RAW	Removal Action Workplan
SB	Storage Building
SCE	Secondary Containment Enclosure
SEC	Subsurface Environmental Corporation
SIWR	South of Indoor Wash Rack
SVOC	SemiVolatile Organic Compound

TCE	Trichloroethene
TEL	TetraEthyl Lead
TMB	Truck Maintenance Building
TPHd	Total Petroleum Hydrocarbons as diesel
TPHg	Total Petroleum Hydrocarbons as gasoline
TPHmo	Total Petroleum Hydrocarbons as motor oil
TPHo	Total Petroleum Hydrocarbons as oil
TOG	Total Oil & Grease
TOL	Total Organic Lead
TRPH	Total Recoverable Petroleum Hydrocarbons
TWP	Truck Washing Pad
UCL	Upper Confidence Limit
UST	Underground Storage Tank
USGS	United States Geological Survey
VCA	Voluntary Cleanup Agreement
VOC	Volatile Organic Compound
WPT, EPT, SWPT, NEPT	West, east, southwest, and northeast areas of Parker Trucking

* * * * * * * * * * * *

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9/04*EB

VICINITY MAP

SAN PABLO RESIDENTIAL DEVELOPMENT
San Pablo, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

FIGURE 1
1424-40

N

RIVERS STRE

EPA SITE 1
2832 Giant Road

Storage Building

Former Truck Maintenance Building (TMB)

Former Machine Parts cleaning Area (MPC)

Former Steam Generator Building

Former Sumps 1,2, & 3 Excavations

Former Drain Sump (DS)

Office Building

Former Truck Washing Pad (TWP)

GIANT ROAD

Former UST Area

Former Storage Structure

Former Sump 1

Warehouse, former Indoor Washrack (IWR)

Outdoor Washrack (OWR)

EPA SITE 2
2812 Giant Road

Former Sump # 4

Former Sump 2

Sump # 3

Former Aboveground Waste Water Tanks and secondary containment enclosure (SCE)

Debris Pile

Former Hot Water Tanks (HWT)

Former Waste Oil Storage Tank Excavation Area (OST)

GATE

Storage Building

Soil Stockpile

DENSE TREES

DENSE TREES

0 50 100
feet

Scale: 1" = 70 feet

SITE PLAN AND HISTORICAL SITE FEATURES

2812 AND 2832 GIANT ROAD
San Pablo, California

LOVNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

1424-40

FIGURE 2

N

RIVERS STREE

GIANT ROAD

Office Building

10 TH

Soil Stockpile

DENSE TREES

Scale: 1" = 65 feet

0 50 100

feet

LEGEND

- Soil boring location (Lowney; July, 2005)
- Approximate location of previous soil boring projected from exsisting site plans
- Location of previous soil boring based on on-site GPS survey

EXPLORATORY BORING AND MONITORING WELL LOCATIONS

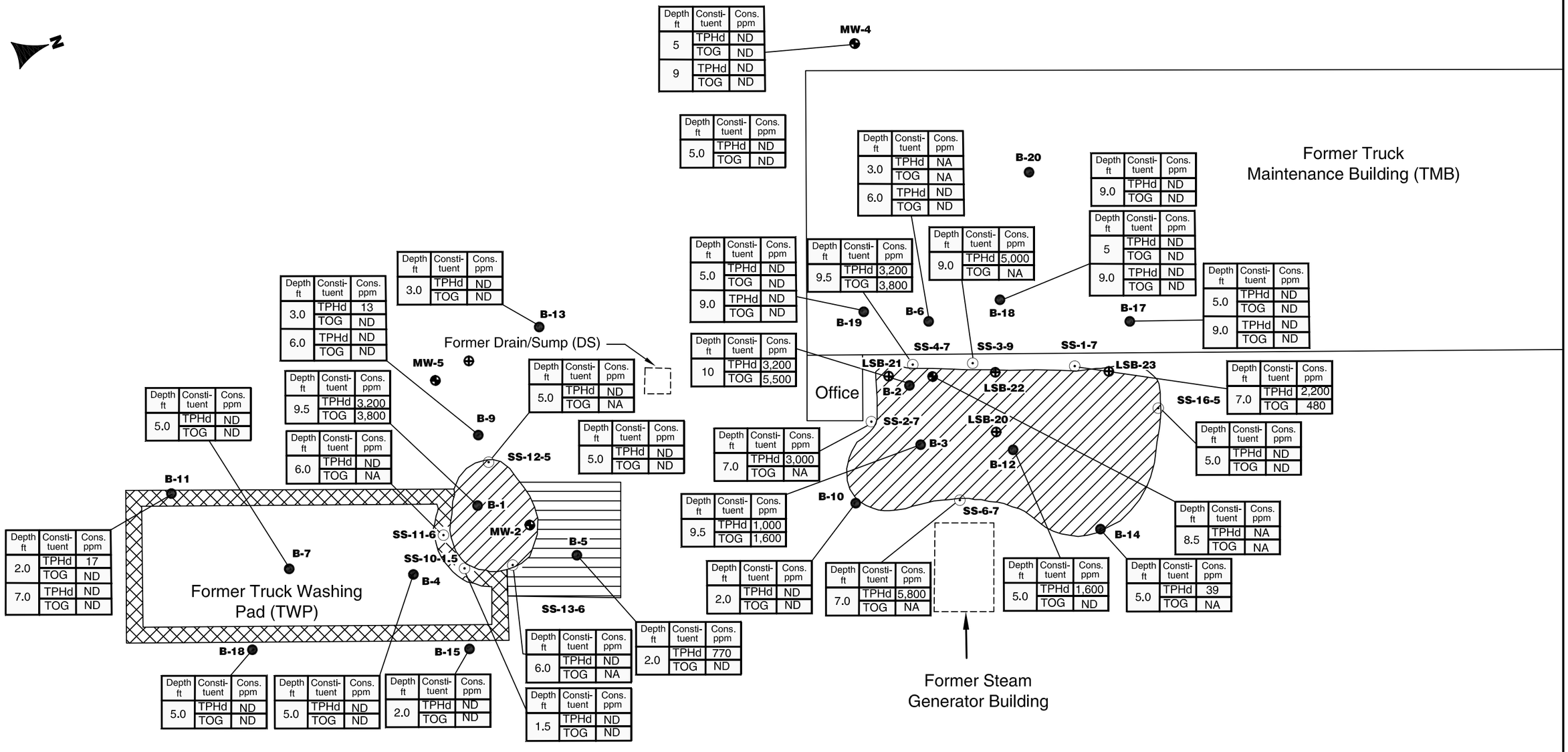
2812 AND 2832 GIANT ROAD

San Pablo, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

1424-40

FIGURE 3



LEGEND

- ⊙ - Approximate location of excavation soil sample (HLA 2/90)
- ● - Approximate location of soil boring (HLA, 89-93)
- ⊕ - Approximate location of ground water monitoring well (HLA, 1990)
- ⊕ - Approximate location of soil boring (Lowney, 2005)
- TPHd - Total petroleum hydrocarbons in the disel range
- TOG - Total oil and grease

- -Trench area, 0 to 4 feet (9/90)
- -Excavation area, 0 to 10 feet (9/90)
- -Excavation area, 0 to 3 feet (9/90)

Scale: 0 20 feet

-Base: Ninyo & Moore, 2005

FORMER MACHINE PARTS AND SUMP AREA, EPA SITE 1
2812 AND 2832 GIANT ROAD
San Pablo, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

FIGURE 4
1424-40

N

Approximate Direction of Ground Water Flow

EPA SITE 1
2832 Giant Road

EPA SITE 2
2812 Giant Road

RIVERS STREET

GIANT ROAD

10 TH STREET

Building

Soil Stockpile

Dec. 1993	
TPHd	ND
TPHg	ND
BTEX	ND

Feb. 1990	
TPHd	14,000
TPHg	2,000
Benzene	20

Dec. 1993	
TPHd	ND
TPHg	ND
BTEX	ND

Feb. 1990	
TPHd	ND
TPHg	ND
Benzene	40

Dec. 1993	
TPHd	ND
TPHg	ND
BTEX	ND

Dec. 1997	
TPHd	ND
TPHg	ND
BTEX	ND

Dec. 1997	
TPHd	ND
TPHg	ND
BTEX	ND

Dec. 1997	
TPHd	ND
TPHg	ND
BTEX	ND

Scale: 1" = 65 feet

0 50 100
feet

LEGEND

- Soil boring location (Lowney; July, 2005)
- Approximate location of previous soil boring projected from exsisting site plans
- Location of previous soil boring based on on-site GPS survey
- Approximate location of former ground water monitoring well

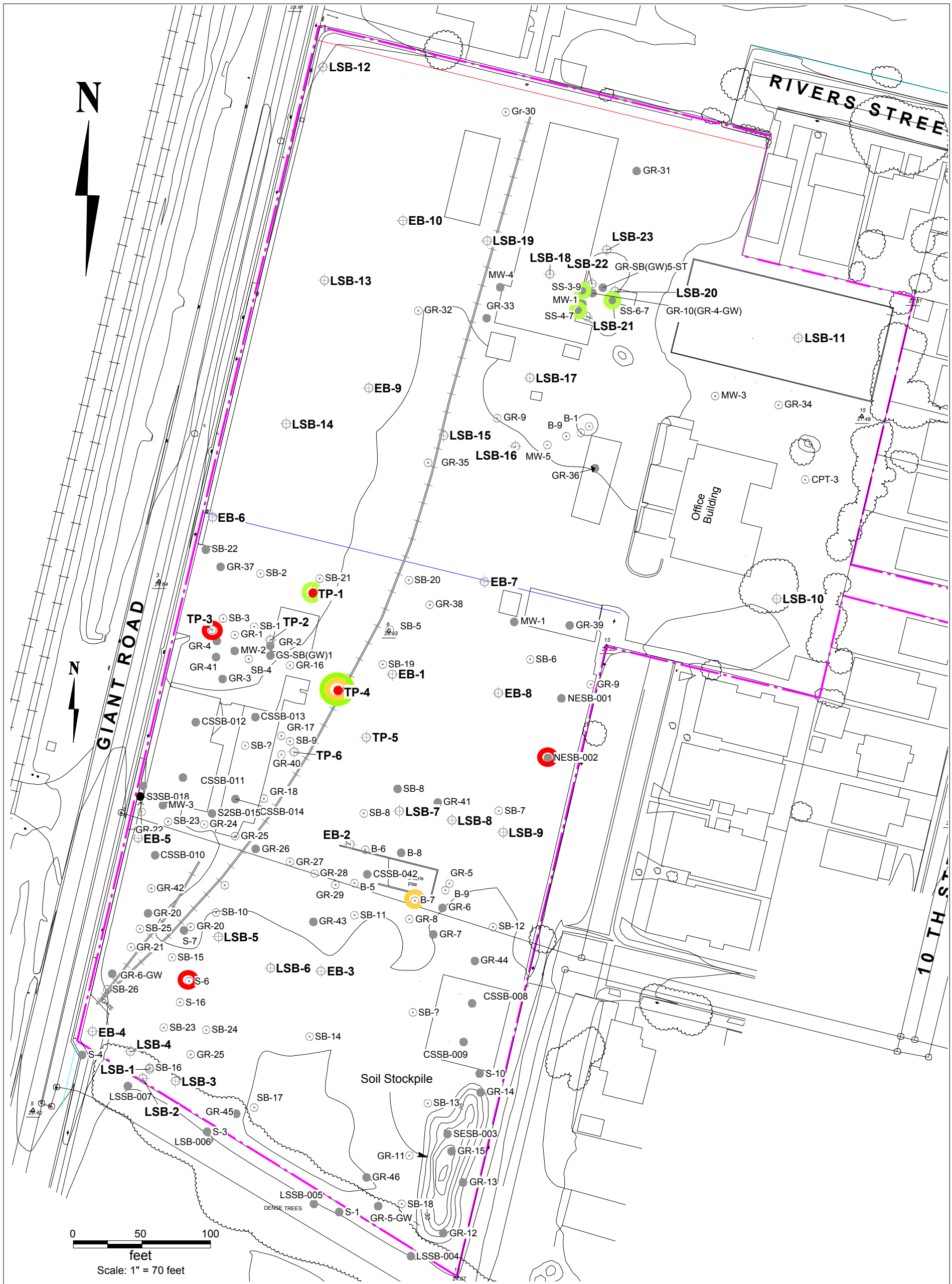
Historical Ground Water Monitoring Well Results for TPH

2812 and 2832 GIANT ROAD
San Pablo, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

1424-40

FIGURE 5



LEGEND

- Soil boring location (Lowney; July, 2005)
- Approximate location of previous soil boring projected from exsisting site plans
- Location of previous soil boring based on on-site GPS survey
- 0 to 3 feet, exceeding clean-up goal of 500 ppm Total TPH
- 3 to 6 feet, exceeding clean-up goal of 1,000 ppm Total TPH
- 6 to top ground water, exceeding clean-up goal of Total TPH

SOIL SAMPLE LOCATIONS EXCEEDING TPH CLEAN-UP GOALS

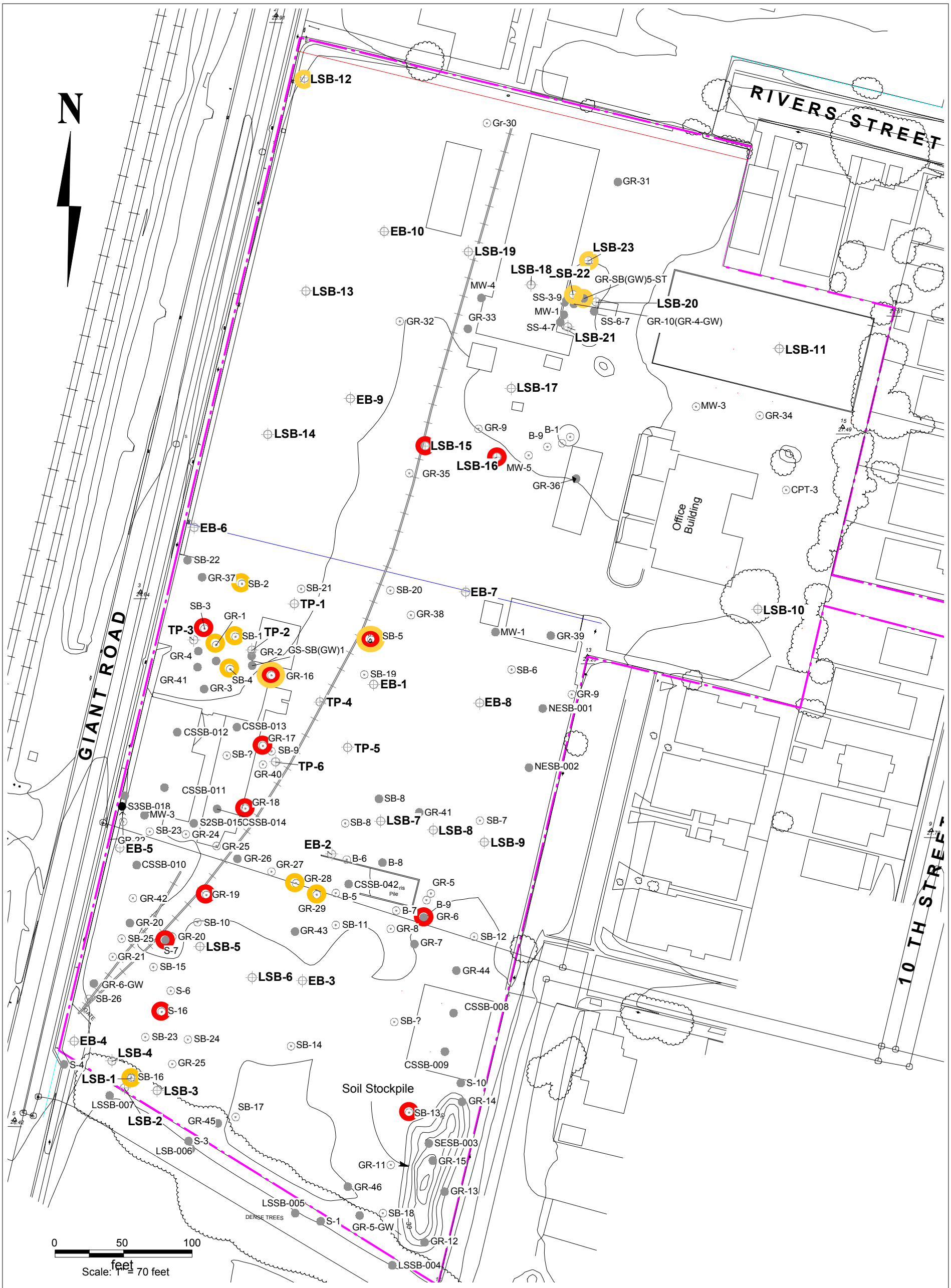
2812 AND 2832 GIANT ROAD

San Pablo, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

1424-40

FIGURE 6



LEGEND

- Soil boring location (Lowney; July, 2005)
- Approximate location of previous soil boring projected from exsisting site plans
- Location of previous soil boring based on on-site GPS survey
- Arsenic, Lead, or Chromium exceeding clean-up goal
- Total organic lead exceeding clean-up goal of 0.01 ppm

SOIL SAMPLE LOCATIONS EXCEEDING ARSENIC, CHROMIUM, LEAD AND TOL CLEAN-UP GOALS

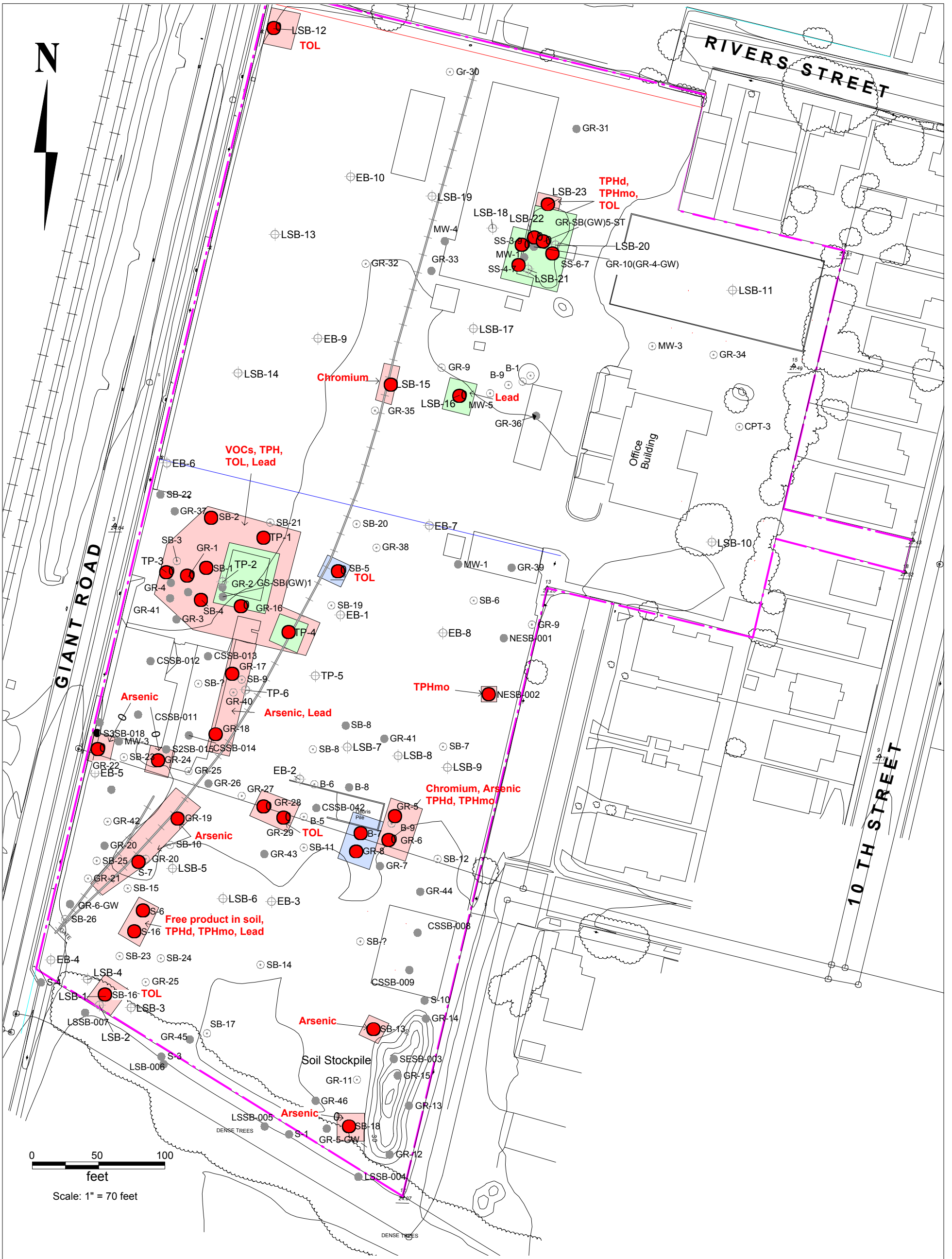
2812 AND 2832 GIANT ROAD

San Pablo, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

1424-40

FIGURE 7



LEGEND

- Soil sample point with chemical(s) of concern exceeding cleanup goals
- Soil boring location (Lowney; July, 2005)
- Approximate location of previous soil boring projected from exsisting site plans
- Location of previous soil boring based on on-site GPS survey
- Proposed excavation area, 0 to 2 feet
- Proposed excavation area, 0 to 5 feet
- Proposed excavation area, 0 to 10 feet

PROPOSED SOIL REMOVAL AREAS

2812 AND 2832 GIANT ROAD

San Pablo, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

1424-40

FIGURE 8

LEGEND

- Soil sample point with chemical(s) of concern exceeding cleanup goals
- Planned open areas
- Proposed excavation area, 0 to 2 feet
- Proposed excavation area, 0 to 5 feet
- Proposed excavation area, 0 to 10 feet

Proposed Excavation Areas, COCs, and Future Development Plan

2812 AND 2832 GIANT ROAD

San Pablo, California

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

1424-40

FIGURE 9

APPENDIX A

SUMMARY OF HISTORICAL SOIL AND GROUND WATER QUALITY DATA (from Ninyo and Moore, 2005)

TABLE 1
HISTORICAL SOIL SAMPLE ANALYTICAL RESULTS
TOTAL PETROLEUM HYDROCARBON AND BTEX
2812 AND 2832 GIANT ROAD, SAN PABLO, CALIFORNIA

CONSULTANT	SAMPLE DATE	SAMPLE NO.	SAMPLE LOCATION[1]	SAMPLE DEPTH (ft)	ANALYTE						
					TPH-D	RESIDUAL HYDROCARBONS	TPH-G	Benzene	Toluene	Ethylbenzene	Total Xylenes
					ANALYTICAL RESULTS (mg/kg)						
HLA	Sep-89	B-1-3	MPC	3.0	23	610*	16	ND	ND	ND	ND
HLA	Sep-89	B-1-9.5	MPC	9.5	3,200	3800*	140	ND	0.44	0.92	4.2
HLA	Sep-89	B-2-3	TWP	3.0	400	1400*	41	ND	ND	ND	0.15
HLA	Sep-89	B-2-10	TWP	10.0	3,200	5500*	150	ND	ND	0.84	ND
HLA	Sep-89	B-3-2.5	TWP	2.5	580	830*	130	ND	ND	ND	ND
HLA	Sep-89	B-3-9.5	TWP	9.5	1,100	1600*	180	ND	0.18	0.81	1.5
HLA	Nov-89	SS350-1	UST	7.5	2,600	360*	2.9	0.01	ND	ND	0.013
HLA	Nov-89	SS350-2	UST	7.5	190	90*	ND	ND	ND	ND	ND
HLA	Nov-89	SS350-3	UST	7.5	450	270*	ND	ND	ND	ND	ND
HLA	Nov-89	SS350-4	UST	7.5	ND	90*	ND	ND	ND	ND	ND
HLA	Nov-89	SS350-5	UST	7.5	8,700	5100*	ND	ND	ND	ND	ND
HLA	Nov-89	SS350-6	UST	8.0	210	240*	ND	ND	ND	ND	0.3
HLA	Nov-89	SS350-7	UST	8.0	320	900*	ND	ND	ND	0.1	0.1
HLA	Feb-90	B-4-2.5	TWP	2.5	ND	ND	ND	ND	0.20	ND	ND
HLA	Feb-90	B-4-5	TWP	5.0	ND	ND	ND	ND	ND	ND	ND
HLA	Feb-90	B-5-2	TWP	2.0	770	NA	ND	ND	ND	ND	ND
HLA	Feb-90	B-5-4	TWP	4.0	13	ND	ND	ND	ND	ND	ND
HLA	Feb-90	B-6-3	TMB	3.0	NA	NA	NA	ND	0.65	ND	ND
HLA	Feb-90	B-6-6	TMB	6.0	ND	ND	ND	ND	ND	ND	ND
HLA	Feb-90	B-7-5	TWP	5.0	ND	ND	ND	ND	ND	ND	ND
HLA	Feb-90	B-9-3	TWP	3.0	13	ND	ND	ND	ND	ND	ND
HLA	Feb-90	B-9-6	TWP	6.0	ND	ND	ND	ND	ND	ND	ND
HLA	Feb-90	B-10-2	MPC	2.0	ND	ND	ND	ND	ND	ND	ND
HLA	Feb-90	B-11-2	TWP	2.0	17	ND	ND	ND	ND	ND	ND
HLA	Feb-90	B-11-7.5	TWP	7.5	ND	ND	ND	ND	ND	ND	ND
HLA	Feb-90	B-12-5	MPC	5.0	1,600	NA	ND	ND	ND	ND	ND
HLA	Feb-90	B-13-3	MPC	3.0	ND	ND	ND	ND	ND	ND	ND
HLA	Feb-90	B-14-5	MPC	5.0	39	ND	ND	ND	ND	ND	ND
HLA	Feb-90	B15-2	TWP	2.0	ND	ND	ND	ND	ND	ND	ND
HLA	Feb-90	B-16-2	TWP	2.0	ND	ND	ND	ND	ND	ND	ND
HLA	Feb-90	MW-1-8.5	MPC	8.5	NA	NA	NA	0.15	0.21	1.3	1.2
HLA	Feb-90	MW-2-5	TWP	5.0	ND	ND	ND	ND	ND	ND	ND
HLA	Feb-90	MW-3-6	TWP	6.0	ND	ND	ND	ND	0.036	ND	ND
HLA	Sep-90	SS-1-7	MPC	7.0	2,300	480*	NA	NA	NA	NA	NA
HLA	Sep-90	SS-2-7	MPC	7.0	3,000	NA	NA	NA	NA	NA	NA
HLA	Sep-90	SS-3-9	MPC	9.0	5,000	NA	NA	NA	NA	NA	NA
HLA	Sep-90	SS-4-7	MPC	7.0	5,000	1800*	NA	NA	NA	NA	NA
HLA	Sep-90	SS-6-7	MPC	7.0	5,900	NA	NA	NA	NA	NA	NA
HLA	Sep-90	SS-10-1.5	TWP	1.5	ND	ND	ND	NA	NA	NA	NA
HLA	Sep-90	SS-11-6	TWP	6.0	ND	NA	ND	NA	NA	NA	NA
HLA	Sep-90	SS-12-5	TWP	5.0	ND	NA	ND	NA	NA	NA	NA
HLA	Sep-90	SS-13-6	TWP	6.0	ND	NA	ND	NA	NA	NA	NA
HLA	Sep-90	SS-16-5	MPC	5.0	ND	NA	NA	NA	NA	NA	NA
HLA	Jan-93	B-17-5	TMB	5.0	ND	ND	ND	ND	ND	ND	ND
HLA	Jan-93	B-17-9	TMB	9.0	ND	ND	ND	0.003	ND	ND	ND
HLA	Jan-93	B-18-5	TMB	5.0	ND	ND	ND	ND	ND	ND	ND
HLA	Jan-93	B-18-9	TMB	9.0	ND	ND	ND	ND	ND	ND	ND

TABLE 1
HISTORICAL SOIL SAMPLE ANALYTICAL RESULTS
TOTAL PETROLEUM HYDROCARBON AND BTEX
2812 AND 2832 GIANT ROAD, SAN PABLO, CALIFORNIA

CONSULTANT	SAMPLE DATE	SAMPLE NO.	SAMPLE LOCATION[1]	SAMPLE DEPTH (ft)	ANALYTE						
					TPH-D	RESIDUAL HYDROCARBONS	TPH-G	Benzene	Toluene	Ethylbenzene	Total Xylenes
					ANALYTICAL RESULTS (mg/kg)						
HLA	Jan-93	B-19-5	TMB	5.0	ND	ND	ND	ND	ND	ND	ND
HLA	Jan-93	B-19-9	TMB	9.0	ND	ND	ND	ND	ND	ND	ND
HLA	Jan-93	B-20-9	TMB	9.0	ND	ND	ND	ND	ND	ND	ND
HLA	Jan-93	MW-4-5	TMB	5.0	ND	ND	ND	ND	ND	ND	ND
HLA	Jan-93	MW-4-9	TMB	9.0	ND	ND	ND	ND	ND	ND	0.004
HLA	Jan-93	MW-5-5	TWP	5.5	ND	ND	ND	ND	ND	ND	ND
HLA	Jan-93	MW-5-9	TWP	9.0	ND	ND	ND	ND	ND	ND	ND
SE	Feb-96	CSSB-008	SB	Surface	7.5	NA	2.2	ND	ND	ND	0.006
SE	Feb-96	CSSB-009	SB	Surface	ND	NA	ND	ND	ND	ND	ND
SE	Feb-96	CSSB-010	SIWR	Surface	3.8	NA	ND	ND	ND	ND	0.016
SE	Feb-96	CSSB-011	IWR	Surface	1.5	NA	ND	ND	ND	0.018	0.013
SE	Feb-96	CSSB-012	IWR	Surface	25	NA	ND	ND	ND	ND	ND
SE	Feb-96	CSSB-013	OWR	Surface	19	NA	ND	ND	0.005	ND	0.058
SE	Feb-96	CSSB-014	OWR	Surface	4.4	NA	ND	ND	ND	ND	0.031
SE	Feb-96	CSSB-042	SCE	Surface	13	NA	ND	ND	ND	ND	ND
SE	Feb-96	NESB-001	NEEBWR	Surface	31	97	ND	ND	ND	ND	ND
SE	Feb-96	NESB-002	NEEBWR	Surface	93	440	ND	ND	ND	ND	ND
SE	Feb-96	SESB-003	NEEBWR	Surface	3.6	120	ND	ND	ND	ND	ND
SE	Feb-96	PSS-033	UST	Surface	20	NA	ND	ND	ND	ND	0.014
SE	Feb-96	PSW-034	UST	Surface	110	NA	ND	ND	ND	ND	ND
SE	Feb-96	PSN-035	UST	Surface	73	NA	ND	ND	ND	ND	ND
SE	Feb-96	PSE-036	UST	Surface	38	NA	ND	ND	ND	ND	ND
SE	Feb-96	PFN-037	UST	Surface	24	NA	ND	ND	ND	ND	0.007
SE	Feb-96	PFS-038	UST	Surface	29	NA	ND	ND	ND	ND	ND
SE	Feb-96	SSSN-039	OST	Surface	18	280**	ND	ND	ND	ND	ND
SE	Feb-96	SSSS-040	OST	Surface	260	600**	21	ND	0.006	0.005	0.029
SE	Feb-96	SSSS-041	OST	Surface	38	280**	ND	ND	ND	ND	ND
SE	Feb-96	S1SB-019	SUMP 1	Surface	170	NA	86	0.008	0.33	0.18	3.6
SE	Feb-96	S2SB-015	SUMP 2	Surface	310	NA	33	ND	ND	ND	0.053
SE	Feb-96	S3SB-018	SUMP 3	Surface	15	NA	5.9	ND	ND	0.007	0.029
SE	Feb-96	S4SB-016	SUMP 4	Surface	1.3	NA	ND	ND	ND	ND	ND
SE	Feb-96	S1WW-043	SUMP 1	Surface	58	NA	ND	ND	ND	ND	ND
SE	Feb-96	S1W-044	SUMP 1	Surface	25	NA	ND	ND	ND	ND	ND
SE	Feb-96	S1EW-045	SUMP 1	Surface	6.6	NA	ND	ND	ND	ND	ND
SE	Feb-96	S1NW-046	SUMP 1	Surface	6.5	NA	ND	ND	ND	ND	ND
SE	Feb-96	S1F-047	SUMP 1	Surface	10	NA	ND	ND	ND	ND	ND
SE	Apr-96	MW-1	NEEBWR	5.0	ND	NA	ND	ND	ND	ND	ND
SE	Apr-96	MW-2	NWEBWR	8.0	3,200	NA	290	ND	0.23	ND	0.79
SE	Apr-96	MW-3	IWR	8.0	12	NA	ND	ND	ND	ND	ND
SE	Nov-96	VS-001E	SCE	1.0	4,400	9,300	NA	NA	NA	NA	NA
SE	Nov-96	VS-002W	SCE	1.0	20	130	NA	NA	NA	NA	NA
SE	May-97	B-4-5.0	SCE/SUMP 4	5.0	ND	ND**	NA	NA	NA	NA	NA

TABLE 1
HISTORICAL SOIL SAMPLE ANALYTICAL RESULTS
TOTAL PETROLEUM HYDROCARBON AND BTEX
2812 AND 2832 GIANT ROAD, SAN PABLO, CALIFORNIA

CONSULTANT	SAMPLE DATE	SAMPLE NO.	SAMPLE LOCATION[1]	SAMPLE DEPTH (ft)	ANALYTE						
					TPH-D	RESIDUAL HYDROCARBONS	TPH-G	Benzene	Toluene	Ethylbenzene	Total Xylenes
					ANALYTICAL RESULTS (mg/kg)						
SE	May-97	B-5-5.0	SCE	5.0	8	33**	NA	NA	NA	NA	NA
SE	May-97	B-5-7.5	SCE	7.5	ND	ND**	NA	NA	NA	NA	NA
SE	May-97	B-6-5.0	SCE	5.0	1	ND**	NA	NA	NA	NA	NA
SE	May-97	B-7-5.0	SCE	5.0	500	6400**	NA	ND	ND	ND	ND
SE	May-97	B-7-7.5	SCE	7.5	ND	ND**	NA	NA	NA	NA	NA
SE	May-97	B-8-5.0	SCE	5.0	ND	ND**	NA	NA	NA	NA	NA
SE	May-97	B-9-5.0	SCE	5.0	ND	ND**	NA	NA	NA	NA	NA
ESLs (mg/kg)					100	500	100	0.044	2.9	3.3	1.5
PRGs (mg/kg)					—	—	—	0.06	520	8.9	270

NOTES:

1 = Refer to acronym page for description of sampling locations
TPH-G = Total petroleum hydrocarbons as gasoline.
TOG - Total Oil & Grease
TPH-D = Total petroleum hydrocarbons as diesel.
PRGs, ESAL and constituent concentrations reported in mg/kg
ND = not detected above laboratory reporting limits
NA = Not analyzed
— = Not available
*Oil & Grease or total recoverable petroleum hydrocarbons
**Total petroleum hydrocarbons as motor oil
mg/kg = milligrams per kilogram
ESLs = RWQCB Environmental Screening Levels for Shallow Soils where Groundwater is a Current or Potential Drinking Water Source (July, 2003)
EPA Region 9 Residential PRGs dated 10/1/02
Shaded box indicates result at or above ESLs

TABLE 2
HISTORICAL GROUNDWATER MONITORING WELL ANALYTICAL RESULTS
TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND GASOLINE, AND OIL GREASE
2812 AND 2832 GIANT ROAD, SAN PABLO, CALIFORNIA

CONSULTANT	SAMPLE DATE	SAMPLE NO.	SAMPLE LOCATION[3]	ANALYTE						
				TPH-D	TPH-G	Oil & Grease	Benzene	Toluene	Ethylbenzene	Xylenes
				ANALYTICAL RESULTS (µg/L)						
HLA	Feb-90	MW-1[1]	MPC	14,000	2,000	NA	20	NA	NA	NA
HLA	Feb-90	MW-2[1]	TWP	ND	ND	NA	90	NA	NA	NA
HLA	Feb-90	MW-3[1]	EPT	1,000	ND	ND	ND	NA	NA	NA
HLA	Jan-93	MW-3[1]	MPC	ND	ND	ND	ND	ND	ND	ND
HLA	Jan-93	MW-4[1]	MB	ND	ND	ND	ND	ND	ND	ND
HLA	Jan-93	MW-5[1]	TWP/MB	ND	ND	ND	ND	ND	ND	ND
HLA	Jun-93	MW-3[1]	MPC	ND	150	ND	ND	ND	ND	ND
HLA	Jun-93	MW-4[1]	MB	ND	170	ND	ND	ND	ND	ND
HLA	Jun-93	MW-5[1]	TWP/MB	ND	ND	ND	ND	ND	ND	ND
HLA	Oct-93	MW-3[1]	MPC	ND	ND	ND	ND	ND	ND	ND
HLA	Oct-93	MW-4[1]	MB	ND	ND	ND	ND	ND	ND	ND
HLA	Oct-93	MW-5[1]	TWP/MB	ND	ND	ND	ND	ND	ND	ND
HLA	Dec-93	MW-3[1]	MPC	ND	ND	ND	ND	ND	ND	ND
HLA	Dec-93	MW-4[1]	MB	ND	ND	ND	ND	ND	ND	ND
HLA	Dec-93	MW-5[1]	TWP/MB	ND	ND	ND	ND	ND	ND	ND
SE	Apr-96	MW-1[2]	NEEBWR	ND	ND	NA	ND	0.69	ND	ND
SE	Apr-96	MW-2[2]	NWEBWR	8,700	ND	6400*	ND	ND	ND	ND
SE	Apr-96	MW-3[2]	IWR	1,900	140	ND	ND	ND	ND	ND
HK2	Mar-97	MW-1[2]	NEEBWR	ND	142	NA	ND	ND	ND	ND
HK2	Mar-97	MW-2[2]	NWEBWR	ND	72	NA	ND	ND	ND	3
HK2	Mar-97	MW-3[2]	IWR	ND	54	NA	ND	ND	ND	3
HK2	Jun-97	MW-1[2]	NEEBWR	ND	ND	NA	ND	ND	ND	ND
HK2	Jun-97	MW-2[2]	NWEBWR	ND	ND	NA	ND	ND	ND	ND
HK2	Jun-97	MW-3[2]	IWR	ND	ND	NA	ND	ND	ND	ND
HK2	Sep-97	MW-1[2]	NEEBWR	ND	ND	NA	ND	ND	ND	ND
HK2	Sep-97	MW-2[2]	NWEBWR	ND	ND	NA	ND	ND	ND	ND
HK2	Sep-97	MW-3[2]	IWR	ND	ND	NA	ND	ND	ND	ND
HK2	Dec-97	MW-1[2]	NEEBWR	ND	ND	NA	ND	ND	ND	ND
HK2	Dec-97	MW-2[2]	NWEBWR	ND	ND	NA	ND	ND	ND	ND
HK2	Dec-97	MW-3[2]	IWR	ND	ND	NA	ND	ND	ND	ND
ESLs (µg/L)				100	100	100	1	40	30	13
PRGs (µg/L)				---	---	---	0.34	720	2.9	210

NOTES:
1 = Groundwater monitoring wells were constructed in 2/90 on the Parker Trucking (north) section of site.
2 = Groundwater monitoring wells were constructed in 4/96 on the ESCE Bay Wash Rack (south) section of the site.
3 = Refer to acronym page for description of sampling locations
* Reported as total recoverable petroleum hydrocarbons (TRPH)
µg/L = micrograms per liter.
TPH-G = Total petroleum hydrocarbons as gasoline.
TPH-D = Total petroleum hydrocarbons as diesel.
ND = not detected above laboratory reporting limits
NA = Not analyzed
ESLs = RWQCB Environmental Screening Levels for Shallow Soils where Groundwater is a Current or Potential Drinking Water Source (July, 2003)
EPA Region 9 Residential PRGs dated 10/1/02 (Tap Water)
Shaded box indicates result at or above ESLs

TABLE 3
HISTORICAL SOIL SAMPLE ANALYTICAL DATA
VOLATILE ORGANIC COMPOUNDS
2812 AND 2832 GIANT ROAD, SAN PABLO, CALIFORNIA

CONSULTANT	SAMPLE DATE	SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (ft)	ANALYTE																													
					Acetone	Carbon disulfide	Methyl Acetate	trans-1,2-Dichloroethene	Methyl tert-Butyl Ether	Methylene chloride	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	2-Butanone (MEK)	Benzene	1,2-Dichloroethane (EDC)	Trichloroethene	4-Methyl-2-pentanone	Toluene	Methylcyclohexane	Methylcyclohexane	Tetrachloroethene	Ethylbenzene	Total Xylenes	2-Hexanone	Isopropylbenzene	Chlorobenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	Total 1,2-Dichloroethene	1,1,1-Trichloroethane	Trichlorofluoromethane
					ANALYTICAL RESULTS (ppm)																															
HLA	Sep-89	B-1-3	MPC	3.0	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND		
HLA	Sep-89	B-1-9.5	MPC	9.5	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND		
HLA	Sep-89	B-2-3	TWP	3.0	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	0.48	ND	ND	ND	ND		
HLA	Sep-89	B-2-10	TWP	10.0	NA	NA	NA	NA	NA	ND	0.0075	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	0.0051	0.150	0.099	ND	ND	ND		
HLA	Sep-89	B-3-2.5	TWP	2.5	NA	NA	NA	NA	NA	ND	0.45	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	0.021	ND	ND	ND	ND		
HLA	Sep-89	B-3-9.5	TWP	9.5	NA	NA	NA	NA	NA	ND	0.15	ND	NA	NA	NA	NA	0.043	NA	NA	NA	NA	0.025	NA	NA	NA	NA	ND	0.17	0.023	0.067	0.067	ND		
HLA	Nov-89	SS350-1	UST	7.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
HLA	Nov-89	SS350-2	UST	7.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
HLA	Nov-89	SS350-3	UST	7.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
HLA	Nov-89	SS350-4	UST	7.5	ND	ND	ND	ND	ND	0.260	ND	0.03	ND	ND	ND	0.06	0.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05	0.11		
HLA	Nov-89	SS350-5	UST	7.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06		
HLA	Nov-89	SS350-6	UST	8.0	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.04	ND	0.34	ND	ND	ND	ND	0.04	0.04	ND	ND	ND	ND	ND	ND	ND	ND		
HLA	Nov-89	SS350-7	UST	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
BEC	Sep-93	SS-1 (S-1)	LES	0.5-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
BEC	Sep-93	SS-2 (S-2)	LES	0.5-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
BEC	Sep-93	SS-3 (S-3)	LES	0.5-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
BEC	Sep-93	SS-4 (S-4)	LES	0.5-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
BEC	Sep-93	SS-5 (S-5)	RS	0.5-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
BEC	Sep-93	SS-6 (S-6)	SWEBWR	0.5-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
BEC	Sep-93	SS-7 (S-7)	RS	0.5-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
BEC	Sep-93	SS-8 (S-8)	IWR	0.5-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
BEC	Sep-93	SS-9 (S-9)	OST	0.5-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
BEC	Sep-93	SS-10 (S-10)	DS	0.5-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
SE	Feb-96	CSSB-013	OWR	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.0	ND	ND	ND	ND	6.2	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND		
SE	Feb-96	PSW-034	UST	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
SE	Feb-96	PFS-038	UST	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
SE	Feb-96	S1SB-019	SUMP 1	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
SE	Feb-96	S2SB-016	SUMP 2	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
SE	Feb-96	S3SB-018	SUMP 3	Surface	ND	ND	ND	ND	ND	ND	0.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
SCA	Sep-02	GS-SB-1-UST-8	UST	8.0	ND	ND	ND	ND	ND	ND	ND	ND	9.7	ND	ND	ND	6.9	ND	ND	ND	ND	39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
SCA	Sep-02	GS-SB-2-DS-6	SCE	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
SCA	Sep-02	GS-SB-4-ST	DS	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
SCA	Sep-02	GS-SB-5-ST	MPC	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-1-8	NWEBWR	8.0	100	6	ND	ND	ND	15	ND	ND	8	32	1	ND	3	ND	15	47	1	12	0.9	ND	ND	ND	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-2-8	UST	8.0	25	ND	ND	ND	ND	12	ND	ND	0.7	18	1	ND	0.9	ND	12	6	3	0.9	1	ND	ND	0.9	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-3-8	UST/IWR/OWR	8.0	11	ND	ND	ND	ND	11	ND	ND	ND	13	ND	ND	ND	ND	11	5	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-4-8	UST/IWR/OWR	8.0	12	ND	ND	ND	ND	12	ND	ND	ND	13	ND	ND	ND	ND	12	6	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-5-2	SCE	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-5-4	SCE	2.0	12	ND	ND	ND	ND	12	ND	ND	ND	14	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-6-2	SCE	2.0	12	ND	ND	ND	ND	12	ND	ND	ND	13	ND	ND	ND	ND	12	ND	ND	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-6-4	SCE	4.0	12	ND	ND	ND	ND	12	ND	ND	ND	15	ND	ND	ND	ND	12	ND	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-7-2	SCE	2.0	ND	ND	ND	ND	ND	10	ND	ND	ND	15	ND	ND	ND	ND	10	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-7-4	SCE	4.0	11	ND	ND	ND	ND	11	ND	ND	ND	14	ND	ND	ND	ND	11	ND	ND	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-8-2	SCE	2.0	11	ND	ND	ND	ND	11	ND	ND	ND	13	ND	ND	ND	ND	11	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-8-4	SCE	4.0	11	ND	ND	ND	ND	11	ND	ND	ND	12	ND	ND	ND	ND	11	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-11-0	DS	Surface	13	ND	8	ND	ND	12	ND	ND	ND	16	ND	NO	ND	ND	12	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-12-0	ESP	Surface	10	ND	1	ND	ND	10	ND	ND	ND	13	ND	ND	ND	ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-13-0	ESP	Surface	40	ND	6	ND	ND	11	ND	ND	ND	17	ND	ND	ND	0.9	0.6	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND		
E&E	Jun-03	GR-14-0	ESP	Surface	12	ND	ND	ND	ND	12	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		

TABLE 3
HISTORICAL SOIL SAMPLE ANALYTICAL DATA
VOLATILE ORGANIC COMPOUNDS
2812 AND 2832 GIANT ROAD, SAN PABLO, CALIFORNIA

CONSULTANT	SAMPLE DATE	SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (ft)	ANALYTE																													
					Acetone	Carbon disulfide	Methyl Acetate	trans-1,2-Dichloroethene	Methyl tert-Butyl Ether	Methylene chloride	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	2-Butanone (MEK)	Benzene	1,2-Dichloroethane (EDC)	Trichloroethene	4-Methyl-2-pentanone	Toluene	Methylcyclohexane	Methylcyclohexane	Tetrachloroethene	Ethylbenzene	Total Xylenes	2-Hexanone	Isopropylbenzene	Chlorobenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	Total 1,2-Dichloroethene	1,1,1-Trichloroethane	Trichlorofluoromethane
					ANALYTICAL RESULTS (µg/kg)																															
E&E	Jun-03	GR-15-0	UST	Surface	12	ND	1	ND	ND	12	ND	ND	ND	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E&E	Jun-03	GR-16-0	TMB	Surface	53	0.5	ND	ND	ND	ND	ND	ND	ND	ND	110	ND	0.5	ND	2	ND	13	10	11	13	ND	3	ND	ND	ND	ND	ND	ND	ND	ND
E&E	Jun-03	GR-17-0	OWR	Surface	20	2	0.8	ND	ND	11	ND	ND	ND	13	1	ND	ND	ND	1	ND	9	ND	ND	5	ND	45	ND	ND	ND	ND	ND	ND	ND	ND
E&E	Jun-03	GR-18-0	RS	Surface	20	ND	ND	ND	ND	11	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E&E	Jun-03	GR-19-0	RS	Surface	18	ND	ND	ND	ND	16	ND	ND	ND	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E&E	Jun-03	GR-20-0	RS	Surface	17	ND	ND	ND	ND	14	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E&E	Jun-03	GR-21-0	RS	Surface	12	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E&E	Jun-03	GR-22-0	IWR	Surface	31	ND	13	ND	0.8	ND	ND	ND	ND	15	ND	ND	ND	2	1	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
E&E	Jun-03	GR-23-0	IWR	Surface	10	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E&E	Jun-03	GR-24-0	IWR/HWT	Surface	11	ND	0.8	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E&E	Jun-03	GR-25-0	RS	Surface	14	ND	2	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	1	0.8	ND	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E&E	Jun-03	GR-26-0	SCE	Surface	11	ND	ND	ND	ND	11	ND	ND	ND	12	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E&E	Jun-03	GR-27-0	SCE	Surface	23	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E&E	Jun-03	GR-28-0	OST	Surface	18	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	0.5	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E&E	Jun-03	GR-29-0	OST	Surface	11	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ESLs (µg/kg)					240	—	—	670	23	77	200	1000	190	3900	44	4.5	260	—	2900	ND	—	88	3300	1500	—	—	1500	1100	47	—	7800	7800
PRGs (mg/kg)					1600	360	22000	69	62	9.1	510	120	43	7300	0.6	0.28	0.053	—	520	ND	2600	1.5	8.9	270	—	—	150	370	3.4	69	1200	1200

Notes:

1 = Refer to acronym page for description of sampling locations

µg/kg = micrograms per kilograms

mg/kg = milligrams per kilograms

ND = Not detected above laboratory reporting limits

NA = Not Analyzed

ESLs = RWQCB Environmental Screening Levels for Shallow Soils where Groundwater is a Current or Potential Drinking Water Source (July, 2003)

PRGs = Environmental Protection Agency Region 9 Preliminary Remedial Goals (October 2002)

— = Not available

Shaded box indicates result at or above ESLs

TABLE 4
HISTORICAL SOIL SAMPLE ANALYTICAL RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS
2812 AND 2832 GIANT ROAD, SAN PABLO, CALIFORINA

CONSULTANT	SAMPLE DATE	SAMPLE NO.	SAMPLE LOCATIONS[1]	SAMPLE DEPTH (ft)	ANALYTE (mg/kg)																			
					4-Methylphenol	Naphthalene	2-Methylnaphthalene	Fluorene	Phenanthrene	Anthracene	Di-n-butylphthalate	Pyrene	Fluoranthene	Benz(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Bis(2-ethylhexyl)phthalate	2- methylnaphthalene	Acenaphthene	Benzylbutylphthalate	Dis-n-octylphthalate	Phenol	
HLA	Nov-89	SS350-6	UST	8.0	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
HLA	Nov-89	SS350-7	UST	8.0	ND	ND	ND	1.0	ND	ND		ND	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND	ND	
HLA	Feb-90	B-4-2.5	TWP	2.5	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
HLA	Feb-90	B-6-3	TMB	3.0	ND	NA	NA	NA	NA	ND		ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	
HLA	Feb-90	MW-1-8.5	MPC	8.5	ND	0.86	0.03	0.01	0.018	NA		NA	NA	NA	NA	NA	NA	0.44	ND	ND	ND	ND	ND	
HLA	Feb-90	MW-3-6	TWP	6.0	ND	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	
BEC	Sep-93	SS-1 (S-1)	LES	0.5-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
BEC	Sep-93	SS-2 (S-2)	LES	0.5-2	0.046	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.48	ND	ND	ND	ND	ND	
BEC	Sep-93	SS-3 (S-3)	LES	0.5-2	0.058	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
BEC	Sep-93	SS-4 (S-4)	LES	0.5-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.73	ND	ND	ND	ND	ND	
BEC	Sep-93	SS-5 (S-5)	RS	0.5-2	ND	ND	ND	ND	ND	ND	ND	0.03	0.035	ND	0.023	ND	ND	0.64	ND	ND	ND	ND	ND	
BEC	Sep-93	SS-6 (S-6)	SWEBWR	0.5-2	ND	0.64	7.1	1.3	4.1	0.93	ND	2.9	ND	ND	3	ND	ND	ND	ND	ND	ND	ND	ND	
BEC	Sep-93	SS-7 (S-7)	RS	0.5-2	ND	ND	ND	0.022	ND	ND	ND	ND	ND	ND	0.026	0.020	ND	ND	ND	ND	ND	ND	ND	
BEC	Sep-93	SS-8 (S-8)	IWR	0.5-2	ND	ND	ND	ND	ND	ND	ND	ND	0.017	0.015	0.030	ND	ND	ND	ND	ND	ND	ND	ND	
BEC	Sep-93	SS-9 (S-9)	OST	0.5-2	ND	ND	0.048	ND	0.044	0.038	ND	0.033	0.022	ND	0.055	0.018	ND	ND	ND	ND	ND	ND	ND	
BEC	Sep-93	SS-10 (S-10)	DS	0.5-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SCA	Sep-02	GS-SB-1-UST-8	UST	8.0	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SCA	Sep-02	GS-SB-2-DS-6	SCE	8.0	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SCA	Sep-02	GS-SB-4-ST-8	DS	8.0	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SCA	Sep-02	GS-SB-5-ST-7	MPC	7.0	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Residential ESLs (mg/kg)					---	4.2	0.25	8.9	11	2.8		85	40	0.38	3.8	380	27	66	0.25	16	---	---	0.1	
Residential PRGs (mg/kg)					310	56	---	2,700	---	22,000		2,300	2,300	0.6	62	0.6	---	---	---	3700	---	---	###	

NOTES:
ND = Not detected above laboratory reporting limits
mg/kg = milligrams per kilograms
--- = Not available
EPA Region 9 Residential PRGs dated 10/1/02
SF Bay RWQCB Interm Final, July 2003 ESLs for Shallow Soils Where Groundwater is a Current or Potential Drinking Water Source
1 = Refer to acronym page for description of sampling locations
Shaded box indicates result at or above

TABLE 5
HISTORICAL GROUNDWATER SAMPLE ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS AND SEMI-VOLATILE ORGANIC COMPOUNDS
2812 AND 2832 GIANT ROAD, SAN PABLO, CALIFORNIA

CONSULTANT	SAMPLE DATE	SAMPLE NO.	SAMPLE LOCATION[1]	VOCs	ANALYTE: Chloromethane	Acetone	trans-1,2-Dichloroethene	Methyl tert-Butyl Ether	1,1-Dichloroethane	1,2-DCE (Total)	Methylene Chloride	cis-1,2-DCE	cis-1,2-DCA	Chloroform	Benzene	1,2-Dichloroethane (EDC)	1,4-Dichlorobenzene	Trichloroethene	Toluene	Tetrachloroethene	Bromoform	SVOCs	Bis(2-ethylhexl)phthatate	Flourene	2-Methylnaphthalene	Napthalene	Phenanthrene
					ANALYTICAL RESULTS (µg/L)																						
HLA	Feb-90	MW-1[1]	MPC	VOCs	ND	ND	ND	ND	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SVOCs	26	16	64	22	18
HLA	Feb-90	MW-2[1]	TWP		ND	ND	ND	ND	9	42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		36	ND	ND	ND	ND
HLA	Feb-90	MW-3[1]	EPT		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		40	ND	ND	ND	ND
SE	Apr-96	MW-2[2]	NWEBWR		ND	ND	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND	ND	ND	ND	ND	ND		NA	NA	NA	NA	NA
SE	Apr-96	MW-3[2]	NWEBWR		ND	ND	ND	ND	12	ND	ND	2.2	ND	ND	ND	ND	ND	ND	ND	ND	ND		NA	NA	NA	NA	NA
HK2	Mar-97	MW-1[2]	NWEBWR		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND		NA	NA	NA	NA	NA
HK2	Mar-97	MW-3[2]	NWEBWR		ND	ND	ND	ND	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		NA	NA	NA	NA	NA
SCA	Sep-02	GS-GW-2-DS	SCE		ND	ND	ND	67	0.59	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND		ND	ND	ND	ND	ND
SCA	Sep-02	GS-GW-1-UST	UST		ND	ND	4.5	ND	ND	ND	ND	46	2.1	ND	ND	ND	ND	2.1	ND	ND	ND		ND	ND	ND	ND	ND
SCA	Sep-02	GS-GW-4-ST	DS		ND	ND	ND	0.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND
SCA	Sep-02	GS-GW-5-ST	MPC		ND	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND
SCA	Sep-02	GR-1-GW	UST/IWR/OWR		3.6	ND	ND	ND	ND	ND	5.0	2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND		NA	NA	NA	NA	NA
SCA	Sep-02	GR-2-GW	SCE		ND	ND	ND	1.3	1.5	ND	ND	ND	ND	ND	ND	ND	5.8	ND	11	ND	ND		NA	NA	NA	NA	NA
SCA	Sep-02	GR-6-GW	SWEBWR		ND	28	ND	ND	ND	ND	ND	0.85	0.85	ND	0.16	ND	ND	105	0.09	67	ND		NA	NA	NA	NA	NA
ESLs (µg/L)					2.7	700	10	5.0	5.0	190	5.0	190	---	100	1.0	0.5	5.0	5.0	4.0	5.0	100		4.0	3.9	2.1	21	4.6
PRGs (µg/L)					1.5	610	120	13	810	810	4.3	61	---	0.53	0.34	0.12	0.5	0.028	720	0.66	8.5		4.8	240	---	6.2	---

Notes:

1 = Refer to acronym page for description of sampling locations
µg/L = micrograms per liter
ND = Not detected above laboratory reporting limits
NA = Not analyzed
--- = Not available
1 = Groundwater monitoring wells were constructed in 2/90 on the Parker Trucking (north) section of site.
2 = Groundwater monitoring wells were constructed in 4/96 on the East Bay Wash Rack (south) section of the site.
Additional VOC and SVOC constituents were analyzed during the 1990 sampling event for MW-1 through MW-3, however no other constituents were reported above laboratory reporting limits
ESLs = RWQCB Environmental Screening Levels for Shallow Soils where Groundwater is a Current or Potential Drinking Water Source (July, 2003)
EPA Region 9 Residential PRGs dated 10/1/02 (Tap Water)
VOCs = Volatile organic hydrocarbons
SVOCs = Semi-Volatile organic hydrocarbons
Shaded box indicates result at or above

TABLE 6
HISTORICAL SOIL SAMPLE ANALYTICAL DATA
TOTAL LEAD, ARSENIC, CHROMIUM, IRON AND ORGANIC LEAD
LABORATORY ANALYTICAL DATA
2812 AND 2832 GIANT ROAD, SAN PABLO, CALIFORNIA

CONSULTANT	SAMPLE DATE	SAMPLE NO.	SAMPLE LOCATION[3]	SAMPLE DEPTH (ft)	ANALYTE (mg/kg)					
					TOTAL LEAD	TOTAL ARSENIC	TOTAL CHROMIUM	IRON	ORGANIC LEAD	Tetraethyl Lead
HLA	Sep-89	B-1-3	MPC	3.0	4.5	NA	NA	NA	NA	NA
HLA	Sep-89	B-1-9.5	MPC	9.5	5.4	NA	NA	NA	NA	NA
HLA	Sep-89	B-2-3	TWP	3.0	10	NA	NA	NA	NA	NA
HLA	Sep-89	B-2-10	TWP	10.0	4.4	NA	NA	NA	NA	NA
HLA	Sep-89	B-3-2.5	TWP	2.5	25	NA	NA	NA	NA	NA
HLA	Sep-89	B-3-9.5	TWP	9.5	4.6	NA	NA	NA	NA	NA
HLA	Nov-89	SS350-1	UST	7.5	4	5	26	NA	NA	NA
HLA	Nov-89	SS350-2	UST	7.5	5	4	27	NA	NA	NA
HLA	Nov-89	SS350-3	UST	7.5	10	4	19	NA	NA	NA
HLA	Nov-89	SS350-4	UST	7.5	13	2	22	NA	NA	NA
HLA	Nov-89	SS350-5	UST	7.5	240	4	32	NA	NA	NA
HLA	Nov-89	SS350-6	UST	Surface	11	3	28	NA	NA	NA
HLA	Nov-89	SS350-7	UST	Surface	35	3	29	NA	NA	NA
BEC	Jun-93	SS-1 (S-1)	LES	0.5-2	15	3.6	41	19,000	NA	NA
BEC	Jun-93	SS-2 (S-2)	LES	0.5-2	10.3	1.2	39.2	20,200	NA	NA
BEC	Jun-93	SS-3 (S-3)	LES	0.5-2	14.6	3.4	36.8	19,300	NA	NA
BEC	Jun-93	SS-4 (S-4)	LES	0.5-2	8.8	4.3	34.2	16,700	NA	NA
BEC	Jun-93	SS-5 (S-5)	RS	0.5-2	31.4	5.6	43.3	21,400	NA	NA
BEC	Jun-93	SS-6 (S-6)	SWEBWR	0.5-2	28.2	2.9	34.5	16,400	NA	NA
BEC	Jun-93	SS-7 (S-7)	RS	0.5-2	30.4	18.9	28.8	22,500	NA	NA
BEC	Jun-93	SS-8 (S-8)	IWR	0.5-2	77.7	5.3	32.9	16,100	NA	NA
BEC	Jun-93	SS-9 (S-9)	OST	0.5-2	58.3	10.2	21	14,500	NA	NA
BEC	Jun-93	SS-10 (S-10)	DS	0.5-2	17.6	3.5	37	32,500	NA	NA
SE	Feb-96	CSSB-008	SB	Surface	8.1	11	43	NA	NA	NA
SE	Feb-96	CSSB-009	SB	Surface	7.4	9.7	39	NA	NA	NA
SE	Feb-96	CSSB-010	SIWR	Surface	14	7.3	16	NA	NA	NA
SE	Feb-96	CSSB-011	IWR	Surface	7.6	9.1	41	NA	NA	NA
SE	Feb-96	CSSB-012	IWR	Surface	54	7.5	32	NA	NA	NA
SE	Feb-96	CSSB-013	OWR	Surface	16	6.9	21	NA	NA	NA
SE	Feb-96	CSSB-014	OWR	Surface	29	3.8	23	NA	NA	NA
SE	Feb-96	NESB-001	NEEBWR	Surface	21	5.2	13	NA	NA	NA
SE	Feb-96	NESB-002	NEEBWR	Surface	39	4	23	NA	NA	NA

TABLE 6
HISTORICAL SOIL SAMPLE ANALYTICAL DATA
TOTAL LEAD, ARSENIC, CHROMIUM, IRON AND ORGANIC LEAD
LABORATORY ANALYTICAL DATA
2812 AND 2832 GIANT ROAD, SAN PABLO, CALIFORNIA

CONSULTANT	SAMPLE DATE	SAMPLE NO.	SAMPLE LOCATION[3]	SAMPLE DEPTH (ft)	ANALYTE (mg/kg)					
					TOTAL LEAD	TOTAL ARSENIC	TOTAL CHROMIUM	IRON	ORGANIC LEAD	Tetraethyl Lead
SE	Feb-96	SESB-003	NEEBWR	Surface	12	4.8	19	NA	NA	NA
SE	Feb-96	PSS-033	UST	Surface	5.7	9.7	34	NA	NA	NA
SE	Feb-96	PSW-034	UST	Surface	74	7.1	30	NA	NA	NA
SE	Feb-96	PSN-035	UST	Surface	24	6.9	29	NA	NA	NA
SE	Feb-96	PSE-036	UST	Surface	3.8	7.5	32	NA	NA	NA
SE	Feb-96	PFN-037	UST	Surface	13	16	31	NA	NA	NA
SE	Feb-96	PFS-038	UST	Surface	6.2	6.9	28	NA	NA	NA
SE	Feb-96	SSSN-039	OST	Surface	170	15	33	NA	NA	NA
SE	Feb-96	SSSS-040	OST	Surface	17	13	32	NA	NA	NA
SE	Feb-96	SSSS-041	OST	Surface	NA	NA	NA	NA	NA	NA
SE	Feb-96	S1SB-019	SUMP 1	Surface	14	5.2	28	NA	NA	NA
SE	Feb-96	S2SB-015	SUMP 2	Surface	7.2	10	43	NA	NA	NA
SE	Feb-96	S3SB-018	SUMP 3	Surface	6.2	8.8	34	NA	NA	NA
SE	Feb-96	S4SB-016	SUMP 4	Surface	5.3	5.9	28	NA	NA	NA
SE	Feb-96	S1WW-043	SUMP 1	Surface	NA	NA	NA	NA	NA	NA
SE	Feb-96	S1W-044	SUMP 1	Surface	NA	NA	NA	NA	NA	NA
SE	Feb-96	S1EW-045	SUMP 1	Surface	NA	NA	NA	NA	NA	NA
SE	Feb-96	S1NW-046	SUMP 1	Surface	NA	NA	NA	NA	NA	NA
SE	Feb-96	S1F-047	SUMP 1	Surface	NA	NA	NA	NA	NA	NA
SE	Apr-96	MW-1	NEEBWR	5.0	8.2	6.5	37	NA	NA	NA
SE	Apr-96	MW-2	NWEBWR	8.0	5.2	5.5	32	NA	NA	NA
SE	Apr-96	MW-3	IWR	8.0	4.1	6.4	36	NA	NA	NA
SCA	Sep-02	GS-SB-1-UST-8	UST	8.0	85	NA	39	NA	NA	NA
SCA	Sep-02	GS-SB-2-DS-6	SCE	8.0	6.9	NA	41	NA	NA	NA
SCA	Sep-02	GS-SB-4-ST	DS	8.0	4.5	NA	25	NA	NA	NA
SCA	Sep-02	GS-ST-5-ST	MPC	7.0	54	NA	28	NA	NA	NA
E&E	Jun-03	GR-1-8	NWEBWR	8.0	40.9	3.4	19.1	8,720	1.08	NA
E&E	Jun-03	GR-2-8	UST	8.0	57	8.3	36.9	21,700	NA	NA
E&E	Jun-03	GR-3-8	UST/IWR/OWR	8.0	9.4	4.4	27.3	11,900	NA	NA
E&E	Jun-03	GR-4-8	UST/IWR/OWR	8.0	9.3	4.3	23.5	10,500	NA	NA
E&E	Jun-03	GR-5-2	SCE	2.0	16.4	10.8	56.1	24,100	<0.013	NA
E&E	Jun-03	G4-5-4	SCE	4.0	14.8	9.8	46.0	20,500	NA	NA
E&E	Jun-03	GR-6-2	SCE	2.0	17.5	12.8	60.4	25,900	NA	NA

TABLE 6
HISTORICAL SOIL SAMPLE ANALYTICAL DATA
TOTAL LEAD, ARSENIC, CHROMIUM, IRON AND ORGANIC LEAD
LABORATORY ANALYTICAL DATA
2812 AND 2832 GIANT ROAD, SAN PABLO, CALIFORNIA

CONSULTANT	SAMPLE DATE	SAMPLE NO.	SAMPLE LOCATION[3]	SAMPLE DEPTH (ft)	ANALYTE (mg/kg)					
					TOTAL LEAD	TOTAL ARSENIC	TOTAL CHROMIUM	IRON	ORGANIC LEAD	Tetraethyl Lead
E&E	Jun-03	GR-6-4	SCE	4.0	19.2	14.2	81.1	32,700	NA	NA
E&E	Jun-03	GR-7-2	SCE	2.0	12.8	4.1	42.9	16,700	NA	NA
E&E	Jun-03	GR-7-4	SCE	4.0	11.4	8.3	46.8	19,300	NA	NA
E&E	Jun-03	GR-8-2	SCE	2.0	12.7	10.3	42.8	17,700	NA	NA
E&E	Jun-03	GR-8-4	SCE	4.0	10.5	9.3	41.0	17,000	NA	NA
E&E	Jun-03	GR9-0	MB	Surface	NA	NA	NA	NA	<0.0152	NA
E&E	Jun-03	GR-10-0	MPS	Surface	26.4	5.3	17.7	21,000	0.026	NA
E&E	Jun-03	GR-11-0	ESP	Surface	55.6	5.6	24.4	17,700	0.58	NA
E&E	Jun-03	GR-12-0	ESP	Surface	73.1	6.2	37.6	25,700	NA	NA
E&E	Jun-03	GR-13-0	ESP	Surface	139	7.4	51.2	19,300	NA	NA
E&E	Jun-03	GR-14-0	ESP	Surface	77	5.9	40.5	21,200	NA	NA
E&E	Jun-03	GR-15-0	ESP	Surface	85.3	7.7	48.5	23,900	NA	NA
E&E	Jun-03	GR-16-0	UST	Surface	21.8	17.3	11.2	17,300	0.0125	NA
E&E	Jun-03	GR-17-0	OWR	Surface	212	19.1	23.6	17,300	0.026	NA
E&E	Jun-03	GR-18-0	RS	Surface	141	27.6	30.0	20,200	0.0085	NA
E&E	Jun-03	GR-19-0	RS	Surface	31.6	74.2	32.3	22,600	<0.0143	NA
E&E	Jun-03	GR-20-0	RS	Surface	11.9	10.6	34.5	15,500	<0.0161	NA
E&E	Jun-03	GR-21-0	RS	Surface	27	7.5	28.2	10,900	<0.0159	NA
E&E	Jun-03	GR-22-0	IWR	Surface	40.7	13.4	27.5	14,000	<0.013	NA
E&E	Jun-03	GR-23-0	IWR	Surface	19.4	4.0	14.1	11,900	0.0097	NA
E&E	Jun-03	GR-24-0	IWR/HWT	Surface	68.7	13.1	32.8	12,200	0.0079	NA
E&E	Jun-03	GR-25-0	RS	Surface	121	2.1	29.0	12,900	<0.013	NA
E&E	Jun-03	GR-26-0	OWR	Surface	17	7.6	9.4	9,030	0.0073	NA
E&E	Jun-03	GR-27-0	OST	Surface	37.2	6.1	14.1	11,100	0.0055	NA
E&E	Jun-03	GR-28-0	OST	Surface	31.8	3.7	19.4	12,500	0.403	NA
E&E	Jun-03	GR-29-0	OST	Surface	45.1	4.6	23.9	12,000	0.051	NA
E&E	Jun-03	GR-30-0	RS	Surface	130	3.4	39.7	32,000	NA	NA
E&E	Jun-03	GR-31-0	NEPT	Surface	17.9	2.8	12.6	11,700	NA	NA
E&E	Jun-03	GR-32-0	WPT	Surface	14.6	1.5	11.4	12,100	NA	NA
E&E	Jun-03	GR-33-0	RS	Surface	23.5	0.69	34.4	54,300	NA	NA
E&E	Jun-03	GR-34-0	EPT	Surface	11	2.5	16.4	15,000	NA	NA
E&E	Jun-03	GR-35-0	SWPT	Surface	15.6	2.1	9.6	12,500	NA	NA
E&E	Jun-03	GR-36-0	TWP	Surface	38.1	5.2	45.8	17,400	NA	NA

TABLE 6
HISTORICAL SOIL SAMPLE ANALYTICAL DATA
TOTAL LEAD, ARSENIC, CHROMIUM, IRON AND ORGANIC LEAD
LABORATORY ANALYTICAL DATA
2812 AND 2832 GIANT ROAD, SAN PABLO, CALIFORNIA

CONSULTANT	SAMPLE DATE	SAMPLE NO.	SAMPLE LOCATION[3]	SAMPLE DEPTH (ft)	ANALYTE (mg/kg)					
					TOTAL LEAD	TOTAL ARSENIC	TOTAL CHROMIUM	IRON	ORGANIC LEAD	Tetraethyl Lead
E&E	Jun-03	GR-37-0	NWEBWR	Surface	23.7	4.1	44.0	19,000	NA	NA
E&E	Jun-03	GR-38-0	RS	Surface	43.2	3.3	21.1	12,500	NA	NA
E&E	Jun-03	GR-39-0	FSB	Surface	34.2	4.2	56.3	22,600	NA	NA
E&E	Jun-03	GR-40-0	RS	Surface	64.2	5.4	23.2	15,000	NA	NA
E&E	Jun-03	GR-41-0	NEEBWR	Surface	34.3	4.5	27.0	17,000	NA	NA
E&E	Jun-03	GR-42-0	SWEBWR	Surface	125	8.3	54.7	25,400	NA	NA
E&E	Jun-03	GR-43-0	SEBWR	Surface	36.5	2.3	15.3	13,500	NA	NA
E&E	Jun-03	GR-44-0	SB	Surface	11	5.9	34.6	19,600	NA	NA
E&E	Jun-03	GR-45-0	SEBWR	Surface	21.5	3.7	24.0	18,300	NA	NA
E&E	Jun-03	GR-46-0	SEEBWR	Surface	16.1	4	14.3	11,400	NA	NA
SEC	Nov-03	SB1-1.5	UST	1.5	24	3.2	NA	NA	0.69	NA
SEC	Nov-03	SB2-1.5	NWEBWR	1.5	30	3.2	NA	NA	1.3	NA
SEC	Nov-03	SB3-1.5	NWEBWR	1.5	270	3.2	NA	NA	1.2	NA
SEC	Nov-03	SB4-1.5	UST/IWR/OWR	1.5	53	3.9	NA	NA	1.1	NA
SEC	Nov-03	SB5-2.0	RS	2.0	380	5.1	NA	NA	3.6	NA
SEC	Nov-03	SB6-2.0	FSB	2.0	30	3.7	NA	NA	<0.50	NA
SEC	Nov-03	SB7-1.5	EEBWR	1.5	14	2.8	NA	NA	<0.50	NA
SEC	Nov-03	SB8-2.5	SCE	2.5	1.9	2.8	NA	NA	<0.50	NA
SEC	Nov-03	SB9-2.5	RS	2.5	13	4.6	NA	NA	<0.50	NA
SEC	Nov-03	SB10-2.0	RS	2.0	9.7	4	NA	NA	<0.50	NA
SEC	Nov-03	SB11-2.0	SCE	2.0	9.6	2.7	NA	NA	<0.50	NA
SEC	Nov-03	SB12-2.0	EEBWR	2.0	5.9	2.7	NA	NA	<0.50	NA
SEC	Nov-03	SB13-2.0	ESP	2.0	15	34	NA	NA	<0.50	NA
SEC	Nov-03	SB14-2.0	SEBWR	2.5	94	2.8	NA	NA	<0.50	NA
SEC	Nov-03	SB15-2.5	SWEBWR	2.5	87	5.3	NA	NA	<0.50	NA
SEC	Nov-03	SB16-2.5	SWEBWR	2.5	34	3.4	NA	NA	13	NA
SEC	Nov-03	SB17-2.5	SEBWR	2.5	19	1.1	NA	NA	<0.50	NA
SEC	Nov-03	SB18-2.0	ESP	2.0	75	15	NA	NA	<0.50	NA
SEC	Dec-03	SB19-2.0	NEBWR	2.0	17	NA	NA	NA	<0.50	NA
SEC	Dec-03	SB20-2.0	RS	2.0	17	NA	NA	NA	<0.50	NA
SEC	Dec-03	SB21-2.0	UST	2.0	8.9	NA	NA	NA	<0.50	NA

TABLE 6
HISTORICAL SOIL SAMPLE ANALYTICAL DATA
TOTAL LEAD, ARSENIC, CHROMIUM, IRON AND ORGANIC LEAD
LABORATORY ANALYTICAL DATA
2812 AND 2832 GIANT ROAD, SAN PABLO, CALIFORNIA

CONSULTANT	SAMPLE DATE	SAMPLE NO.	SAMPLE LOCATION[3]	SAMPLE DEPTH (ft)	ANALYTE (mg/kg)					
					TOTAL LEAD	TOTAL ARSENIC	TOTAL CHROMIUM	IRON	ORGANIC LEAD	Tetraethyl Lead
SEC	Dec-03	SB22-2.0	NWEBWR	2.0	5.5	NA	NA	NA	<0.50	NA
SEC	Dec-03	SB23-2.0	SWEBWR	2.0	6.7	NA	NA	NA	<0.50	NA
SEC	Dec-03	SB24-2.0	SWEBWR	2.0	56	NA	NA	NA	<0.50	NA
SEC	Dec-03	SB25-2.0	RS	2.0	5	NA	NA	NA	<0.50	NA
SEC	Dec-03	SB26-2.0	RS	2.0	5.7	NA	NA	NA	<0.50	NA
Residential ESLs (mg/kg)					200	5.5	58	---	---	---
Residential PRGs (mg/kg)					150[1]	22[2]	210	23,000	---	---

NOTE
NS = No Sample
NA = Not Available
mg/kg = milligrams per kilograms
*Date analyzed
1 = Cal modified
2 = Non-cancer endpoint
3 = Refer to acronym page for description of sampling locations
SF Bay RWQCB Interm Final, July 2003 ESLs for shallow soils where Groundwater is a Current or Potential Drinking Water Source
EPA Region 9 Residential PRGs dated 10/1/02
Shaded box indicates result at or above ESLs

TABLE 7
GRAB GROUNDWATER SAMPLE ANALYTICAL RESULTS
TOTAL LEAD, ARSENIC, CHROMIUM, IRON AND ORGANIC LEAD
2812 AND 2832 GIANT ROAD, SAN PABLO, CALIFORNIA

CONSULTANT	SAMPLE DATE	SAMPLE NO.	SAMPLE LOCATION[1]	ANALYTE				
				TOTAL LEAD	TOTAL ARSENIC	TOTAL CHROMIUM	IRON	ORGANIC LEAD
				ANALYTICAL RESULTS (µg/L)				
SE	Apr-96	MW-1[2]	NEEBWR	6.7	ND	360	NA	NA
SE	Apr-96	MW-2[2]	NWEBWR	8.2	ND	340	NA	NA
SE	Apr-96	MW-3[2]	IWR	ND	ND	410	NA	NA
SCA	Sep-02	GS-GW-1-UST	UST	ND	NA	ND	NA	NA
SCA	Sep-02	GS-GW-2-DS	SCE	ND	NA	ND	NA	NA
SCA	Sep-02	GS-GW-4-ST	DS	0.019	NA	0.030	NA	NA
SCA	Sep-02	GS-GW-5-ST	MPC	0.012	NA	ND	NA	NA
E&E	Jun-03	GR-1-GW	UST/IWR/OWR	102	36.2	915	154,000	NA
E&E	Jun-03	GR-2-GW	SCE	48	15	1,320	110,000	<5.0
E&E	Jun-03	GR-3-GW	DS	7.8	3.7	135	21,400	<5.0
E&E	Jun-03	GR-4-GW	MPC	76.5	33.2	260	99,200	<5.0
E&E	Jun-03	GR-6-GW	SWEBWR	6.3	2.3	11.1	8,630	<5.0
Residential ESLs (µg/L)				2.5	36	50	---	---
PRGs (µg/L)				---	---	---	11,000	*0.0036

NOTES:
µg/L = micrograms per liter
<5.0 = Less than laboratory reporting limit
* Tetra ethyl lead
--- = Not available
SF Bay RWQCB Interm Final, July 2003 ESLs for shallow soils where Groundwater is a Current or Potential Drinking Water Source
EPA Region 9 Residential PRGs dated 10/1/02 (Tap Water)
1 = Refer to acronym page for description of sampling locations
2 = Groundwater monitoring wells were constructed in 4/96 on the ESCE Bay Wash Rack (south) section of the site.
Shaded box indicates result at or above ESLs

APPENDIX B
SOIL SAMPLING PROTOCOL

Soil Sampling Protocol. The subsurface investigation was performed on June 30 and July 1, 2005 using a limited access hydraulic coring rig. Exploratory borings were drilled to depths of approximately 4 to 10 feet. Soil samples for laboratory analysis were collected in brass liners, the ends covered in aluminum foil, taped, then labeled with a unique identification number, placed in an ice-chilled cooler, and transported to a state-certified analytical laboratory with chain of custody documentation.

APPENDIX C

ANALYTICAL DATA SUMMARY

Table C-1
Laboratory Analytical Results of Selected Soil Samples – EPA Site 1

Railroad Track Area – EPA Site 1

Sample Number	Depth (ft)	Arsenic*	Lead*	Chromium*	TOL	TPHd	TPHmo	PCBs**	DDT***	Benzo(a) pyrene****	Ideno(1,2,3) pyrene****	Pyrene****
LSB-15	0 – ½	<1.7	6.6	60	<0.01	<2	29.4	<0.1	<0.002	<0.033	0.038	0.053
	2 – 2 ½	<1.7	8.4	18	na	<2	8.01	na	na	na	na	na
LSB-19	0 – ½	<1.7	12	18	<0.01	<4	172	<0.10	0.043	<0.33	<0.33	<0.33
	2 – 2 ½	<1.7	4	19	na	<2	9.26	na	na	na	na	na

* Other CAM 17 metals not detected or detected below ESLs/background levels
** Arochlor 1016, 1221, 1232, 1242, 1242, 1248, 1254, and 1260. Detection limits are 0.01 ppm except for Arochlor 1221 with a detection limit of 0.2 ppm
*** Total DDT. Other organochlorine pesticides were not detected
**** PAHs by EPA 8270 were not detected. Detection limits for LSB-19 were increased due to matrix interference
TOL – Total organic lead

Future Playground Area – EPA Site 1

Sample Number	Depth (ft)	Arsenic*	Lead*	Chromium*	TOL	TPHd	TPHmo	PCBs**	DDT***	Benzo(a) pyrene****	Anthracene****
LSB-16	0 – ½	<1.7	48	24	<0.01	6.71	28.6	<0.10	0.0192	<0.033	0.044
	2 – 2 ½	<1.7	480	5.6	na	2.23	19.8	na	na	na	na
LSB-17	0 – ½	<1.7	12	14	<0.01	<2	66.6	na	na	na	na
	2 – 2 ½	<1.7	<0.37	20	Na	<2	4.45	na	na	na	na
LSB-18	0 – ½	<1.7	<0.37	15	<0.01	13.3	86.7	<0.10	<0.002	<0.033	<0.033
	2 – 2 ½	<1.7	<0.37	16	Na	42.7	104	na	na	na	na

* Other CAM 17 metals not detected or detected below ESLs/background levels
** Arochlor 1016, 1221, 1232, 1242, 1242, 1248, 1254, and 1260. Detection limits are 0.01 ppm except for Arochlor 1221 with a detection limit of 0.2 ppm
*** Total DDT. Other organochlorine pesticides were not detected
**** Other PAHs by EPA 8270 were not detected.
NA Not analyzed
TOL – Total organic lead

Future Utility Corridor Areas – EPA Site 1

Sample Number	Depth (ft)	Arsenic*	Lead*	Chromium*	TOL	TPHd	TPHmo	PCBs**	Pesticides	Benzo(a) pyrene***
EB-9	0 – ½	<1.7	9.8	11	<0.01	21.1	105	<0.10	ND	<1.6
	2 ½ - 3	<1.7	52	4.8	NA	<2	35.4	NA	NA	NA
	5 ½ - 6	<1.7	5.3	39	NA	16.9	69.8	NA	NA	NA
EB-10	0 – ½	<1.7	18	12	<0.01	423	823	<0.10	ND	<8.2
	2 ½ - 3	<1.7	2.7	<0.5	NA	<2	35.4	NA	NA	NA
	5 ½ - 6	<1.7	4.0	30	NA	2.08	51	NA	NA	NA

* Other CAM 17 metals not detected or detected below ESLs/background levels
** Arochlor 1016, 1221, 1232, 1242, 1242, 1248, 1254, and 1260. Detection limits are 0.01 ppm except for Arochlor 1221 with a detection limit of 0.2 ppm
*** Other PAHs by EPA 8270 were not detected. Detection limits were increased due to matrix interference.
NA Not analyzed
TOL – Total organic lead

Data Gap Sampling Areas – EPA Site 1

Sample Number	Depth (ft)	Arsenic*	Lead*	Chromium*	TOL	TPHd	TPHmo	PCBs**	DDT***	Benzo(a) pyrene****	Ideno(1,2,3) pyrene****	Pyrene****
LSB-12	0 – ½	<1.7	140	16	0.64	13.7	249	<0.10	0.018	<4.1	<4.1	<4.1
	2 – 2 ½	<1.7	53	10	na	<6	300	na	na	na	na	na
LSB-13	0 – ½	<1.7	12	14	<0.01	20.1	153	<0.10	<0.002	<4.1	<4.1	<4.1
	2 – 2 ½	<1.7	27	16	na	5,640	4,960	na	na	na	na	na
LSB-14	0 – ½	<1.7	13	11	<0.01	20.1	129	<0.10	<0.002	<1.6	<1.6	<1.6
	2 – 2 ½	<1.7	<0.37	1.1	na	2.16	25.6	na	na	na	na	na
LSB-20	0 – ½	<1.7	25	25	<0.01	3.58	62.4	<0.10	0.033	<0.33	<0.33	<0.33
	2 – 2 ½	<1.7	30	27	na	37.3	223	na	na	na	na	na
LSB-21	0 – ½	<1.7	26	17	<0.01	<2	83.2	na	na	na	na	na
	2 – 2 ½	<1.7	34	26	na	11.7	117	na	na	na	na	na
LSB-22	0 – ½	<1.7	56	28	0.22	4.08	113	na	na	na	na	na
	2 – 2 ½	<1.7	38	30	na	9.49	65.6	na	na	na	na	na
LSB-23	0 – ½	<1.7	32	34	0.20	5.94	112	na	na	na	na	na
	2 – 2 ½	<1.7	28	32	na	8.41	70.9	na	na	na	na	na

* Other CAM 17 metals not detected or detected below ESLs/background levels
** Arochlor 1016, 1221, 1232, 1242, 1242, 1248, 1254, and 1260. Detection limits are 0.01 ppm except for Arochlor 1221 with a detection limit of 0.2 ppm
*** Total DDT. Other organochlorine pesticides were not detected
**** Other PAHs by EPA 8270 were not detected. Detection limits were increased due to matrix interference.
na Not analyzed
ND Not detected above laboratory detection limits
TOL – Total organic lead

Table C-2
Laboratory Analytical Results of Selected Soil Samples – EPA Site 2

Future Playground Areas – EPA Site 2

Sample Number	Depth (ft)	Arsenic*	Lead*	Chromium*	TOL	TPHd	TPHmo	PCBs**	DDT***	Benzo(a) pyrene****
LSB-5	0 – ½	<1.7	17	14	<0.01	18.6	419	<0.5	<0.002	<8.2
	2 ½ - 3	<1.7	50	11	na	3.09	83	<0.1	0.0153	<1.6
LSB-6	0 – ½	<1.7	110	22	<0.01	<2	55.7	<0.1	0.1135	<0.66
	2 ½ - 3	<1.7	6.1	25	na	<2	10.2	<0.1	<0.002	<0.033
LSB-7	0 – ½	<1.7	66	50	<0.01	18.4	374	<0.5	<0.020	<8.2
	2 ½ - 3	<1.7	10	9.3	na	1.4	158	<0.1	<0.002	<0.033
LSB-8	0 – ½	<1.7	10	15	<0.01	<4	146	<0.1	<0.002	<1.6
	2 ½ - 3	<1.7	6.8	32	Na	7.68	28.5	<0.1	<0.002	<0.033
LSB-9	0 – ½	<1.7	17	26	<0.01	<2	11.9	<0.1	<0.002	<0.033
	2 ½ - 3	<1.7	5.6	28	na	<2	<4	<0.1	<0.002	<0.033

* Other CAM 17 metals not detected or detected below ESLs/background levels
** Arochlor 1016, 1221, 1232, 1242, 1242, 1248, 1254, and 1260. Detection limits are 0.01 ppm except for Arochlor 1221 with a detection limit of 0.2 ppm
*** Total DDT. Other organochlorine pesticides were not detected
**** PAHs by EPA 8270 were not detected. Detection limits for some samples were increased due to matrix interference.
ND None detected
TOL – Total organic lead

Former SB-16 Area – EPA Site 2

Sample Number	Depth (ft)	TOL
LSB-1	0 – 1/2	<0.01
	2 – 2 ½	<0.01
	3 ½ - 4	<0.01
LSB-2	0 – 1/2	<0.01
	2 – 2 ½	<0.01
LSB-3	0 – 1/2	<0.01
	2 – 2 ½	<0.01
LSB-4	0 – 1/2	<0.01
	2 – 2 ½	<0.01

TOL – Total organic lead

Future Utility Corridor Areas – EPA Site 2

Sample Number	Depth (ft)	Arsenic*	Lead*	Chromium*	TOL	TPHd	TPHmo	PCBs**	DDT***	Dieldrin***	Benzo(a) pyrene****
EB-1	0 – ½	<1.7	16	18	<0.01	7.92	115	na	na	na	na
	2 ½ - 3	<1.7	13	29	na	<2	88.3	na	na	na	na
	5 ½ - 6	<1.7	20	32	na	8.8	30.6	na	na	na	na
EB-2	0 – ½	<1.7	15	38	<0.01	8.31	195	na	na	na	na
	2 ½ - 3	<1.7	11	26	na	<2	35.9	na	na	na	na
	3 ½ - 4	<1.7	25	58	na	22.1	494	na	na	na	na
	5 ½ - 6	<1.7	4.2	28	na	<2	8.41	na	na	na	na
EB-3	0 – ½	<1.7	15	16	<0.01	2.77	57.3	<0.1	0.0192	<0.002	<0.33
	2 ½ - 3	<1.7	6.6	29	na	<2	7.87	na	na	na	na
	5 ½ - 6	<1.7	4.0	23	na	<2	23.8	na	na	na	na
EB-4	0 – ½	<1.7	79	22	<0.01	<10	275	na	na	na	na
	2 ½ - 3	<1.7	31	18	na	2.04	38.6	na	na	na	na
	5 ½ - 6	<1.7	5.1	25	na	<2	11.4	na	na	na	na
EB-5	0 – ½	<1.7	24	22	<0.01	<2	26.5	<0.1	0.048	0.0059	<0.33
	2 ½ - 3	<1.7	27	25	na	<2	8.96	na	na	na	na
	5 ½ - 6	<1.7	6.2	24	na	<2	<4	na	na	na	na
EB-6	0 – ½	<1.7	16	12	<0.01	20.5	292	na	na	na	na
	2 ½ - 3	<1.7	3.4	34	na	32	109	na	na	na	na
	5 ½ - 6	<1.7	4.6	36	na	51.9	101	na	na	na	na
EB-7	0 – ½	<1.7	41	31	<0.01	3.18	38.8	na	na	na	na
	2 ½ - 3	<1.7	41	36	na	<2	62.7	na	na	na	na
	5 ½ - 6	<1.7	3.7	34	na	<2	<4	na	na	na	na
EB-8	0 – ½	<1.7	2	42	<0.01	<4	157	<0.1	<0.002	<0.002	<1.6
	2 ½ - 3	<1.7	41	36	na	<2	62.7	na	na	na	na
	5 ½ - 6	<1.7	3.7	34	na	<2	<4	na	na	na	na

* Other CAM 17 metals not detected or detected below ESLs/background levels

** Arochlor 1016, 1221, 1232, 1242, 1242, 1248, 1254, and 1260. Detection limits are 0.1 ppm except for Arochlor 1221 with a detection limit of 0.2 ppm

*** DDT listed is total DDT Other organochlorine pesticides were not detected

**** Other PAHs by EPA 8270 were not detected. Detection limits were increased due to matrix interference.

Na Not analyzed

TOL – Total organic lead

Former UST Area – EPA Site 2

Sample Number	Depth (ft)	TOL	TPHd	TPHmo	TPHg	BTEX
TP-1	0 – ½	<0.01	975	3,860	1.23	<0.010
	3 ½ - 4	<0.01	4.99	49.1	0.17	<0.010
	9 – 9 ½	<0.01	4,620	1,940	170	<1.0
TP-2	0 – ½	<0.01	18.4	122	0.316	0.012*
	3 ½ - 4	<0.01	4.73	19.7	0.12	<0.010
	7 ½ - 8	<0.01	26.9	158	<0.10	<0.010
TP-3	0 – ½	<0.01	199	1,880	<0.10	<0.010
	3 ½ - 4	<0.01	2.2	32.6	<0.10	<0.010
	9 ½ - 10	<0.01	2,180	1,200	21.9	<0.010
TP-4	0 – ½	<0.01	5,220	1,890	103	<0.050
	3 ½ - 4	<0.01	600	3,530	55	<0.05
	9 – 9 ½	<0.01	5,750	1,940	66.4	<0.05
TP-5	5 ½ - 6	<0.01	25.2	19.2	<1.0	<0.010
	9 – 9 ½	<0.01	1,340	786	<0.10	<0.050
TP-6	5 ½ - 6	<0.01	119	175	2.71	<0.050
	10 ½ - 11	<0.01	1,480	709	<1	<0.050

* Xylene
TOL – Total organic lead

East Parcel – EPA Site 2

Sample Number	Depth (ft)	Arsenic*	Lead*	Chromium*	TOL	TPHd	TPHmo	PCBs**	DDT***	Benzo(a) pyrene****
LSB-10	0 – ½	<1.7	6.5	28	<0.01	13.5	7.86	<0.1	<0.002	<0.033
	2 ½ - 3	<1.7	6.3	38	na	2.7	<4	na	na	na
LSB-12	0 – ½	<1.7	21	30	<0.01	<2	<4	<0.1	0.0224	<0.033
	2 ½ - 3	<1.7	7.5	42	na	<2	<4	na	na	na

* Other CAM 17 metals not detected or detected below ESLs/background levels
** Arochlor 1016, 1221, 1232, 1242, 1242, 1248, 1254, and 1260. Detection limits are 0.1 ppm except for Arochlor 1221 with a detection limit of 0.2 ppm
*** DDT listed is total DDT Other organochlorine pesticides were not detected
**** Other PAHs by EPA 8270 were not detected.
Na not analyzed
TOL – Total organic lead

APPENDIX D

LABORATORY ANALYTICAL RESULTS AND CHAIN OF CUSTODY DOCUMENTATION

TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

www.torrentlab.com email: analysis@torrentlab.com

July 13, 2005(Revised complete Report issued on 07/18/05)

Peter Langtry
Lowney Associates
167 Filbert St.
Oakland, CA 94607

TEL: (510) 267-1970
FAX (510) 267-1972

RE:Complete Report will all Analyses requested.

Order No.: 0507007

Dear Peter Langtry:

Torrent Laboratory, Inc. received 63 samples on 7/1/2005 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc, is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,

Laboratory Director — Date: 07-18-05

Patti Sandrock
QA Officer

TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

www.torrentlab.com email: analysis@torrentlab.com

Torrent Laboratory, Inc. **Date:** *18-Jul-05*

CLIENT: Lowney Associates
Project:
Lab Order: 0507007

CASE NARRATIVE

Analytical Comments for METHOD 8260_S, SAMPLE 0507007-009A: Surrogate bias high. Sample is ND (Non Detect).

Analytical Comment for METHOD 6010B_S, Note:In QC Batch 1510 (Run# 6593), the % recoveries in the MS for Vanadium and Zinc in the MSD for Vanadium are outside of laboratory control limits but within % RPD limits and % recovery limits for the LCS/LCSD. No corrective action is required.
Analytical Comment for METHOD 6010B_S, Note:In QC Batch 1511 (Run#6601), the % recoveries in the MS and MSD for Copper are outside of laboratory control limits but within % RPD limits and % recovery limits for the LCS/LCSD. No corrective action is required.

Analytical Comments for METHOD TPH_D/MO_S_8015B, SAMPLE 0507007-057A: Note: The % Recoveries in MS/MSD Batch R6610 (Run#6610) are outside the control limits due to possible matrix effects but within % RPD limits and % recovery limits for the LCS/LCSD. No corrective action is required..
Analytical Comments for METHOD TPH_D/MO_S_8015B, SAMPLE 0507007-021A,-024A,-026A,-027A,-030A,-031A,-033A,-034A,-036A-039A,-040A,-045A,-046A,-051A,-055A,-057A,-058A,-060A,-061A: Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.
Analytical Comments for METHOD TPH_D/MO_S_8015B, SAMPLE 0507007-023A,-024A,-028A,-031A,-052A: Note: Surrogate recoveries falls outside the control limit possibly due to matrix interference.
Analytical Comments for METHOD 8081_S, SAMPLE 0507007-016A,-019A,-027A,-030A,-033A,-036A,-039A:Note: Surrogate recovery of DCBP is bias low; recovery of second surrogate supports data quality.

Analytical Comments for METHOD 8082_S, SAMPLE 0507007-019A,-023A,-027A,Note: Surrogate recovery of TCMX is bias low; recovery of second surrogate supports data quality.
Analytical Comments for METHOD 8082_S, SAMPLE 0507007-051A: Note: Surrogate recovery of DCBP is bias low; recovery of second surrogate supports data quality.

Analytical Comments for PAH_SIM_METHOD 8270C_S, SAMPLE 0507007-016A,-019A,-023A,-027A,-033A,Note:Reporting limit increased due to the nature of the sample Matrix. Surrogates diluted out.
Analytical Comments for PAH_SIM_METHOD 8270C_S, SAMPLE 0507007-048A,-051A,Note:Reporting limit increased due to the nature of the sample Matrix.

TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

www.torrentlab.com email: analysis@torrentlab.com

CLIENT: Lowney Associates
Project:
Lab Order: 0507007

CASE NARRATIVE

Analytical Comments for METHOD SW9045C,SAMPLE 0507007-063A,Note: although pH was measured upon laboratory receipt, the sample was received outside of the recommended holding time (24 hours from collection).

Analytical Comments for Asbestos: Samples analyzed by sub-contract labortory EMSL, Inc, NVLAP #101048-3

Analytical Comments for Organic Lead: Samples analyzed by sub-contract laboratory McCampbell Analytical, Inc CA ELAP # 1644.

Revision 1

TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at www.torrentlab.com email: analysis@torrentlab.com

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-2 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 8:15:00 AM

Lab Sample ID: 0507007-001
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	120	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	38	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	9.4	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	19	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	15	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	42	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	30	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	60	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.12	mg/Kg	1486
TPH (Diesel)	SW8015B	7/14/2005	2	2	4.00	8.31	mg/Kg	R6595
TPH (Oil)	SW8015B	7/14/2005	4	2	8.00	195	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/14/2005	0	2	53.5-127	60.2	%REC	R6595

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-2 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 8:17:00 AM

Lab Sample ID: 0507007-002
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	200	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	26	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	15	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	13	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	11	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	25	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	30	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	37	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.15	mg/Kg	1486
TPH (Diesel)	SW8015B	7/12/2005	2	1	2.00	ND	mg/Kg	R6595
TPH (Oil)	SW8015B	7/12/2005	4	1	4.00	35.9	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/12/2005	0	1	53.5-127	102	%REC	R6595

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-2 31/2-4
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 8:10:00 AM

Lab Sample ID: 0507007-003
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	160	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	58	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	14	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	31	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	25	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	64	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	43	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	160	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.13	mg/Kg	1486
TPH (Diesel)	SW8015B	7/14/2005	2	5	10.0	22.1	mg/Kg	R6595
TPH (Oil)	SW8015B	7/14/2005	4	5	20.0	494	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/14/2005	0	5	53.5-127	81.7	%REC	R6595

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: TP-5 51/2-6
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 8:35:00 AM

Lab Sample ID: 0507007-005
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/12/2005	2	1	2.00	25.2	mg/Kg	R6595
TPH (Oil)	SW8015B	7/12/2005	4	1	4.00	19.2	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/12/2005	0	1	53.5-127	60.2	%REC	R6595
TPH (Gasoline)	SW8015B	7/8/2005	0.1	1	0.100	ND	mg/Kg	R6565
Surr: Trifluorotoluene	SW8015B	7/8/2005	0	1	44.7-125	80.7	%REC	R6565
Benzene	SW8260B	7/11/2005	10	1	10	ND	µg/Kg	R6594
Ethylbenzene	SW8260B	7/11/2005	10	1	10	ND	µg/Kg	R6594
Toluene	SW8260B	7/11/2005	10	1	10	ND	µg/Kg	R6594
Xylenes, Total	SW8260B	7/11/2005	10	1	10	ND	µg/Kg	R6594
Surr: 4-Bromofluorobenzene	SW8260B	7/11/2005	0	1	65-135	77.8	%REC	R6594
Surr: Dibromofluoromethane	SW8260B	7/11/2005	0	1	65-135	100	%REC	R6594
Surr: Toluene-d8	SW8260B	7/11/2005	0	1	65-135	89.8	%REC	R6594

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: TP-5 9-91/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 8:37:00 AM

Lab Sample ID: 0507007-006
Date Prepared: 7/8/2005-7/9/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/14/2005	2	50	100	1340	mg/Kg	R6595
TPH (Oil)	SW8015B	7/14/2005	4	50	200	786	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/14/2005	0	50	53.5-127	78.8	%REC	R6595
TPH (Gasoline)	SW8015B	7/8/2005	0.1	1	0.100	ND	mg/Kg	R6565
Surr: Trifluorotoluene	SW8015B	7/8/2005	0	1	44.7-125	3.50	%REC	R6565
Sample was rerun to confirm low surrogate recovery								
Benzene	SW8260B	7/9/2005	10	5	50	ND	µg/Kg	R6561
Ethylbenzene	SW8260B	7/9/2005	10	5	50	ND	µg/Kg	R6561
Toluene	SW8260B	7/9/2005	10	5	50	ND	µg/Kg	R6561
Xylenes, Total	SW8260B	7/9/2005	10	5	50	ND	µg/Kg	R6561
Surr: 4-Bromofluorobenzene	SW8260B	7/9/2005	0	5	65-135	134	%REC	R6561
Surr: Dibromofluoromethane	SW8260B	7/9/2005	0	5	65-135	98.0	%REC	R6561
Surr: Toluene-d8	SW8260B	7/9/2005	0	5	65-135	106	%REC	R6561

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: TP-6 51/2-6
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 8:59:00 AM

Lab Sample ID: 0507007-008
Date Prepared: 7/8/2005-7/9/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/14/2005	2	4	8.00	119	mg/Kg	R6595
TPH (Oil)	SW8015B	7/14/2005	4	4	16.0	175	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/14/2005	0	4	53.5-127	76.8	%REC	R6595
TPH (Gasoline)	SW8015B	7/8/2005	0.1	1	0.100	2.71	mg/Kg	R6565
TPH (Gasoline)	SW8015B	7/8/2005	0.1	1	0.100	2.71	mg/Kg	R6565
Surr: Trifluorotoluene	SW8015B	7/8/2005	0	1	44.7-125	80.1	%REC	R6565
Surr: Trifluorotoluene	SW8015B	7/8/2005	0	1	44.7-125	80.1	%REC	R6565
Benzene	SW8260B	7/9/2005	10	5	50	ND	µg/Kg	R6561
Ethylbenzene	SW8260B	7/9/2005	10	5	50	ND	µg/Kg	R6561
Toluene	SW8260B	7/9/2005	10	5	50	ND	µg/Kg	R6561
Xylenes, Total	SW8260B	7/9/2005	10	5	50	ND	µg/Kg	R6561
Surr: 4-Bromofluorobenzene	SW8260B	7/9/2005	0	5	65-135	90.0	%REC	R6561
Surr: Dibromofluoromethane	SW8260B	7/9/2005	0	5	65-135	105	%REC	R6561
Surr: Toluene-d8	SW8260B	7/9/2005	0	5	65-135	99.6	%REC	R6561

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: TP-6 101/2-11
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 9:09:00 AM

Lab Sample ID: 0507007-009
Date Prepared: 7/8/2005-7/9/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/14/2005	2	50	100	1480	mg/Kg	R6595
TPH (Oil)	SW8015B	7/14/2005	4	50	200	709	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/14/2005	0	50	53.5-127	77.3	%REC	R6595
TPH (Gasoline)	SW8015B	7/8/2005	0.1	1	0.100	ND	mg/Kg	R6565
Surr: Trifluorotoluene	SW8015B	7/8/2005	0	1	44.7-125	0	%REC	R6565
Sample was rerun to confirm zero surrogate recovery								
Benzene	SW8260B	7/9/2005	10	5	50	ND	µg/Kg	R6561
Ethylbenzene	SW8260B	7/9/2005	10	5	50	ND	µg/Kg	R6561
Toluene	SW8260B	7/9/2005	10	5	50	ND	µg/Kg	R6561
Xylenes, Total	SW8260B	7/9/2005	10	5	50	ND	µg/Kg	R6561
Surr: 4-Bromofluorobenzene	SW8260B	7/9/2005	0	5	65-135	188	%REC	R6561
Surr: Dibromofluoromethane	SW8260B	7/9/2005	0	5	65-135	106	%REC	R6561
Surr: Toluene-d8	SW8260B	7/9/2005	0	5	65-135	118	%REC	R6561

Surrogate bias high. Sample is ND (Non Detect.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-6 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 9:22:00 AM

Lab Sample ID: 0507007-010
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	93	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	12	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	9.3	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	11	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	16	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	19	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	22	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	44	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.23	mg/Kg	1486
TPH (Diesel)	SW8015B	7/14/2005	2	4	8.00	20.5	mg/Kg	R6595
TPH (Oil)	SW8015B	7/14/2005	4	4	16.0	292	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/14/2005	0	4	53.5-127	96.8	%REC	R6595

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-6 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 9:24:00 AM

Lab Sample ID: 0507007-011
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	92	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	34	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	7.6	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	15	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	3.4	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	37	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	25	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	41	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1486
TPH (Diesel)	SW8015B	7/12/2005	2	1	2.00	32.0	mg/Kg	R6595
TPH (Oil)	SW8015B	7/12/2005	4	1	4.00	109	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/12/2005	0	1	53.5-127	78.5	%REC	R6595

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-6 51/2-6
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 9:27:00 AM

Lab Sample ID: 0507007-012
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	92	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	36	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	9.0	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	15	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	4.6	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	37	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	31	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	33	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1486
TPH (Diesel)	SW8015B	7/12/2005	2	1	2.00	51.9	mg/Kg	R6595
TPH (Oil)	SW8015B	7/12/2005	4	1	4.00	101	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/12/2005	0	1	53.5-127	86.1	%REC	R6595

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-7 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 9:44:00 AM

Lab Sample ID: 0507007-013
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	130	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	31	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	9.8	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	26	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	41	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	39	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	22	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	140	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.15	mg/Kg	1486
TPH (Diesel)	SW8015B	7/13/2005	2	1	2.00	3.18	mg/Kg	R6595
TPH (Oil)	SW8015B	7/13/2005	4	1	4.00	38.8	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/13/2005	0	1	53.5-127	81.7	%REC	R6595

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-7 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 9:39:00 AM

Lab Sample ID: 0507007-014
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	10	30	820	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	36	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	7.8	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	35	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	41	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	36	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	24	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	2	8.0	640	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1486
TPH (Diesel)	SW8015B	7/13/2005	2	1	2.00	ND	mg/Kg	R6595
TPH (Oil)	SW8015B	7/13/2005	4	1	4.00	62.7	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/13/2005	0	1	53.5-127	82.6	%REC	R6595

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-7 51/2-6
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 9:46:00 AM

Lab Sample ID: 0507007-015
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	91	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	34	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	8.9	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	3.7	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	41	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	30	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	30	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1486
TPH (Diesel)	SW8015B	7/13/2005	2	1	2.00	ND	mg/Kg	R6595
TPH (Oil)	SW8015B	7/13/2005	4	1	4.00	ND	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/13/2005	0	1	53.5-127	78.0	%REC	R6595

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-8 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 10:02:00 AM

Lab Sample ID: 0507007-016
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	110	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	42	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	9.8	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	23	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	2.0	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	44	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	33	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	39	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.17	mg/Kg	1486
TPH (Diesel)	SW8015B	7/14/2005	2	2	4.00	ND	mg/Kg	R6595
TPH (Oil)	SW8015B	7/14/2005	4	2	8.00	157	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/14/2005	0	2	53.5-127	87.3	%REC	R6595

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-8 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 10:02:00 AM

Lab Sample ID: 0507007-016
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4'-DDD	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
4,4'-DDE	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
4,4'-DDT	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Aldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
beta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Chlordane	SW8081A	7/11/2005	20	1	20	ND	µg/Kg	R6543
delta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Dieldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan I	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan II	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan sulfate	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin aldehyde	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin ketone	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor epoxide	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Methoxychlor	SW8081A	7/11/2005	5	1	5.0	ND	µg/Kg	R6543
Toxaphene	SW8081A	7/11/2005	100	1	100	ND	µg/Kg	R6543
Surr: Decachlorobiphenyl	SW8081A	7/11/2005	0	1	67.1-112	60.3	%REC	R6543
Surr: Tetrachloro-m-xylene	SW8081A	7/11/2005	0	1	65.7-114	85.9	%REC	R6543

Note: Surrogate recovery of DCBP is bias low; recovery of second surrogate supports data quality.

Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6638
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	96.6	%REC	R6638
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	65.9	%REC	R6638

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-8 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 10:02:00 AM

Lab Sample ID: 0507007-016
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Acenaphthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Acenaphthylene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Anthracene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Benz(a)anthracene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Benzo(g,h,i)perylene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Benzo[a]pyrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Benzo[b]fluoranthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Benzo[k]fluoranthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Chrysene	SW8270C	7/9/2005	0.066	50	3.3	ND	mg/Kg	R6621
Dibenz(a,h)anthracene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Fluoranthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Fluorene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Indeno(1,2,3-cd)pyrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Naphthalene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Phenanthrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Pyrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Surr: 2-Fluorobiphenyl	SW8270C	7/9/2005	0	50	23-125	D	%REC	R6621
Surr: p-Terphenyl-d14	SW8270C	7/9/2005	0	50	30-135	D	%REC	R6621

Note: Reporting limits increased due to the nature of the sample matrix. Surrogates are diluted out.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-8 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 9:58:00 AM

Lab Sample ID: 0507007-017
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	100	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	42	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	12	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	18	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	5.0	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	51	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	31	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	44	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1486
TPH (Diesel)	SW8015B	7/13/2005	2	1	2.00	ND	mg/Kg	R6595
TPH (Oil)	SW8015B	7/13/2005	4	1	4.00	19.4	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/13/2005	0	1	53.5-127	95.7	%REC	R6595

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-8 51/2-6
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 10:04:00 AM

Lab Sample ID: 0507007-018
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	100	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	37	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	7.8	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	14	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	4.5	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	40	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	28	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	32	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1486
TPH (Diesel)	SW8015B	7/14/2005	2	2	4.00	ND	mg/Kg	R6595
TPH (Oil)	SW8015B	7/14/2005	4	2	8.00	235	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/14/2005	0	2	53.5-127	58.0	%REC	R6595

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-9 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 10:24:00 AM

Lab Sample ID: 0507007-019
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	180	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	11	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	8.1	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	7.7	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	9.8	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	16	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	20	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	28	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.27	mg/Kg	1486
TPH (Diesel)	SW8015B	7/13/2005	2	1	2.00	21.1	mg/Kg	R6595
TPH (Oil)	SW8015B	7/13/2005	4	1	4.00	105	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/13/2005	0	1	53.5-127	97.1	%REC	R6595

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-9 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 10:24:00 AM

Lab Sample ID: 0507007-019
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
4,4´-DDE	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
4,4´-DDT	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Aldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
beta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Chlordane	SW8081A	7/11/2005	20	1	20	ND	µg/Kg	R6543
delta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Dieldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan I	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan II	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan sulfate	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin aldehyde	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin ketone	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor epoxide	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Methoxychlor	SW8081A	7/11/2005	5	1	5.0	ND	µg/Kg	R6543
Toxaphene	SW8081A	7/11/2005	100	1	100	ND	µg/Kg	R6543
Surr: Decachlorobiphenyl	SW8081A	7/11/2005	0	1	67.1-112	59.5	%REC	R6543
Surr: Tetrachloro-m-xylene	SW8081A	7/11/2005	0	1	65.7-114	74.6	%REC	R6543

Note: Surrogate recovery of DCBP is bias low; recovery of second surrogate supports data quality.

Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6638
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	98.7	%REC	R6638
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	65.2	%REC	R6638

Note: Surrogate recovery of TCMX is bias low; recovery of second surrogate supports data quality.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-9 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 10:24:00 AM

Lab Sample ID: 0507007-019
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Acenaphthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Acenaphthylene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Anthracene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Benz(a)anthracene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Benzo(g,h,i)perylene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Benzo[a]pyrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Benzo[b]fluoranthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Benzo[k]fluoranthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Chrysene	SW8270C	7/9/2005	0.066	50	3.3	ND	mg/Kg	R6621
Dibenz(a,h)anthracene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Fluoranthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Fluorene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Indeno(1,2,3-cd)pyrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Naphthalene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Phenanthrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Pyrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Surr: 2-Fluorobiphenyl	SW8270C	7/9/2005	0	50	23-125	D	%REC	R6621
Surr: p-Terphenyl-d14	SW8270C	7/9/2005	0	50	30-135	D	%REC	R6621

Note: Reporting limits increased due to the nature of the sample matrix. Surrogates are diluted out.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-9 2-21/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 10:21:00 AM

Lab Sample ID: 0507007-020
Date Prepared: 7/6/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	120	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	4.8	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	5.4	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	14	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	52	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	5.8	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	50	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.15	mg/Kg	1486
TPH (Diesel)	SW8015B	7/13/2005	2	1	2.00	ND	mg/Kg	R6595
TPH (Oil)	SW8015B	7/13/2005	4	1	4.00	35.4	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/13/2005	0	1	53.5-127	77.6	%REC	R6595

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-9 51/2-6
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 10:29:00 AM

Lab Sample ID: 0507007-021
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	120	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	39	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	7.4	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	12	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	5.3	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	36	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	31	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	30	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1486
TPH (Diesel)	SW8015B	7/13/2005	2	1	2.00	16.9	mg/Kg	R6609
TPH (Oil)	SW8015B	7/13/2005	4	1	4.00	69.8	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/13/2005	0	1	53.5-127	70.4	%REC	R6609

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-10 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 10:45:00 AM

Lab Sample ID: 0507007-023
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	150	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	12	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	8.5	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	9.5	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	18	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	19	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	22	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	35	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.25	mg/Kg	1486
TPH (Diesel)	SW8015B	7/14/2005	2	20	40.0	423	mg/Kg	R6609
TPH (Oil)	SW8015B	7/14/2005	4	20	80.0	823	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/14/2005	0	20	53.5-127	93.9	%REC	R6609

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-10 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 10:45:00 AM

Lab Sample ID: 0507007-023
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4'-DDD	SW8081A	7/11/2005	2	1	2.0	2.1	µg/Kg	R6543
4,4'-DDE	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
4,4'-DDT	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Aldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
beta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Chlordane	SW8081A	7/11/2005	20	1	20	ND	µg/Kg	R6543
delta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Dieldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan I	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan II	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan sulfate	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin aldehyde	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin ketone	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor epoxide	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Methoxychlor	SW8081A	7/11/2005	5	1	5.0	ND	µg/Kg	R6543
Toxaphene	SW8081A	7/11/2005	100	1	100	ND	µg/Kg	R6543
Surr: Decachlorobiphenyl	SW8081A	7/11/2005	0	1	67.1-112	55.4	%REC	R6543
Surr: Tetrachloro-m-xylene	SW8081A	7/11/2005	0	1	65.7-114	49.0	%REC	R6543

Note: Surrogate recovery falls outside the control limit possibly due to matrix effects.

Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6638
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	100	%REC	R6638
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	60.4	%REC	R6638

Note: Surrogate recovery of TCMX is bias low; recovery of second surrogate supports data quality.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-10 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 10:45:00 AM

Lab Sample ID: 0507007-023
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Acenaphthene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Acenaphthylene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Anthracene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Benz(a)anthracene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Benzo(g,h,i)perylene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Benzo[a]pyrene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Benzo[b]fluoranthene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Benzo[k]fluoranthene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Chrysene	SW8270C	7/9/2005	0.066	250	16	ND	mg/Kg	R6621
Dibenz(a,h)anthracene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Fluoranthene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Fluorene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Indeno(1,2,3-cd)pyrene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Naphthalene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Phenanthrene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Pyrene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6621
Surr: 2-Fluorobiphenyl	SW8270C	7/9/2005	0	250	23-125	D	%REC	R6621
Surr: p-Terphenyl-d14	SW8270C	7/9/2005	0	250	30-135	D	%REC	R6621

Note: Reporting limits increased due to the nature of the sample matrix. Surrogates are diluted out.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-10 2-21/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 10:42:00 AM

Lab Sample ID: 0507007-024
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	9.5	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	1.4	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	2.0	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	2.7	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	0.72	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	9.2	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1486
TPH (Diesel)	SW8015B	7/14/2005	2	10	20.0	101	mg/Kg	R6609
TPH (Oil)	SW8015B	7/14/2005	4	10	40.0	1200	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/14/2005	0	10	53.5-127	134	%REC	R6609

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel. Surrogate recovery falls outside the control limit possibly due to matrix interference.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-10 51/2-6
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 10:47:00 AM

Lab Sample ID: 0507007-026
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	69	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	30	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	7.1	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	10	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	4.0	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	35	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	22	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	25	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1486
TPH (Diesel)	SW8015B	7/13/2005	2	1	2.00	2.08	mg/Kg	R6609
TPH (Oil)	SW8015B	7/13/2005	4	1	4.00	51.0	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/13/2005	0	1	53.5-127	92.3	%REC	R6609

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-12 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:00:00 AM

Lab Sample ID: 0507007-027
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/10/2005	3	1	3.0	ND	mg/Kg	1499
Arsenic	SW6010B	7/10/2005	1.747	1	1.7	ND	mg/Kg	1499
Barium	SW6010B	7/10/2005	3	1	3.0	130	mg/Kg	1499
Beryllium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Cadmium	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Chromium	SW6010B	7/10/2005	0.5	1	0.50	16	mg/Kg	1499
Cobalt	SW6010B	7/10/2005	0.5	1	0.50	8.3	mg/Kg	1499
Copper	SW6010B	7/10/2005	0.5	1	0.50	19	mg/Kg	1499
Lead	SW6010B	7/10/2005	0.368	1	0.37	140	mg/Kg	1499
Molybdenum	SW6010B	7/10/2005	0.5	1	0.50	ND	mg/Kg	1499
Nickel	SW6010B	7/10/2005	0.5	1	0.50	24	mg/Kg	1499
Selenium	SW6010B	7/10/2005	2	1	2.0	ND	mg/Kg	1499
Silver	SW6010B	7/10/2005	1	1	1.0	ND	mg/Kg	1499
Thallium	SW6010B	7/10/2005	5	1	5.0	ND	mg/Kg	1499
Vanadium	SW6010B	7/10/2005	2	1	2.0	19	mg/Kg	1499
Zinc	SW6010B	7/10/2005	4	1	4.0	110	mg/Kg	1499
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.25	mg/Kg	1486
TPH (Diesel)	SW8015B	7/14/2005	2	3	6.00	13.7	mg/Kg	R6609
TPH (Oil)	SW8015B	7/14/2005	4	3	12.0	249	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/14/2005	0	3	53.5-127	92.8	%REC	R6609

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-12 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:00:00 AM

Lab Sample ID: 0507007-027
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/11/2005	2	1	2.0	18	µg/Kg	R6543
4,4´-DDE	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
4,4´-DDT	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Aldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
beta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Chlordane	SW8081A	7/11/2005	20	1	20	ND	µg/Kg	R6543
delta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Dieldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan I	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan II	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan sulfate	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin aldehyde	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin ketone	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor epoxide	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Methoxychlor	SW8081A	7/11/2005	5	1	5.0	ND	µg/Kg	R6543
Toxaphene	SW8081A	7/11/2005	100	1	100	ND	µg/Kg	R6543
Surr: Decachlorobiphenyl	SW8081A	7/11/2005	0	1	67.1-112	46.6	%REC	R6543
Surr: Tetrachloro-m-xylene	SW8081A	7/11/2005	0	1	65.7-114	68.7	%REC	R6543

Note: Surrogate recovery of DCBP is bias low; recovery of second surrogate supports data quality.

Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6638
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	97.2	%REC	R6638
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	63.3	%REC	R6638

Note: Surrogate recovery of TCMX is bias low; recovery of second surrogate supports data quality.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-12 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:00:00 AM

Lab Sample ID: 0507007-027
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Acenaphthene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Acenaphthylene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Anthracene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Benz(a)anthracene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Benzo(g,h,i)perylene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Benzo[a]pyrene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Benzo[b]fluoranthene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Benzo[k]fluoranthene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Chrysene	SW8270C	7/9/2005	0.066	125	8.2	ND	mg/Kg	R6621
Dibenz(a,h)anthracene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Fluoranthene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Fluorene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Indeno(1,2,3-cd)pyrene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Naphthalene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Phenanthrene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Pyrene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Surr: 2-Fluorobiphenyl	SW8270C	7/9/2005	0	125	23-125	D	%REC	R6621
Surr: p-Terphenyl-d14	SW8270C	7/9/2005	0	125	30-135	D	%REC	R6621

Note: Reporting limits increased due to the nature of the sample matrix. Surrogates are diluted out.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-12 2-21/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:04:00 AM

Lab Sample ID: 0507007-028
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	210	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	10	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	23	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	38	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	53	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	7.2	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	11	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	260	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.13	mg/Kg	1489
TPH (Diesel)	SW8015B	7/14/2005	2	3	6.00	ND	mg/Kg	R6609
TPH (Oil)	SW8015B	7/14/2005	4	3	12.0	300	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/14/2005	0	3	53.5-127	142	%REC	R6609

Note: Surrogate recovery falls outside the control limit possibly due to matrix interference.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-13 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:14:00 AM

Lab Sample ID: 0507007-030
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	96	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	14	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	6.6	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	12	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	12	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	15	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	23	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	36	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/14/2005	2	2	4.00	20.1	mg/Kg	R6609
TPH (Oil)	SW8015B	7/14/2005	4	2	8.00	153	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/14/2005	0	2	53.5-127	84.4	%REC	R6609

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-13 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:14:00 AM

Lab Sample ID: 0507007-030
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
4,4´-DDE	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
4,4´-DDT	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Aldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
beta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Chlordane	SW8081A	7/11/2005	20	1	20	ND	µg/Kg	R6543
delta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Dieldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan I	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan II	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan sulfate	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin aldehyde	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin ketone	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor epoxide	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Methoxychlor	SW8081A	7/11/2005	5	1	5.0	ND	µg/Kg	R6543
Toxaphene	SW8081A	7/11/2005	100	1	100	ND	µg/Kg	R6543
Surr: Decachlorobiphenyl	SW8081A	7/11/2005	0	1	67.1-112	45.7	%REC	R6543
Surr: Tetrachloro-m-xylene	SW8081A	7/11/2005	0	1	65.7-114	69.2	%REC	R6543

Note: Surrogate recovery of DCBP is bias low; recovery of second surrogate supports data quality.

Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6638
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	88.5	%REC	R6638
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	67.4	%REC	R6638

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-13 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:14:00 AM

Lab Sample ID: 0507007-030
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Acenaphthene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Acenaphthylene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Anthracene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Benz(a)anthracene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Benzo(g,h,i)perylene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Benzo[a]pyrene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Benzo[b]fluoranthene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Benzo[k]fluoranthene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Chrysene	SW8270C	7/9/2005	0.066	125	8.2	ND	mg/Kg	R6621
Dibenz(a,h)anthracene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Fluoranthene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Fluorene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Indeno(1,2,3-cd)pyrene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Naphthalene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Phenanthrene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Pyrene	SW8270C	7/9/2005	0.033	125	4.1	ND	mg/Kg	R6621
Surr: 2-Fluorobiphenyl	SW8270C	7/9/2005	0	125	23-125	D	%REC	R6621
Surr: p-Terphenyl-d14	SW8270C	7/9/2005	0	125	30-135	D	%REC	R6621

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-13 2-21/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:15:00 AM

Lab Sample ID: 0507007-031
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	57	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	16	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	5.0	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	16	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	27	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	19	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	16	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	44	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/14/2005	2	100	200	5640	mg/Kg	R6609
TPH (Oil)	SW8015B	7/14/2005	4	100	400	4960	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/14/2005	0	100	53.5-127	179	%REC	R6609

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel. Surrogate recovery falls outside the control limit possibly due to matrix interference.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-14 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:30:00 AM

Lab Sample ID: 0507007-033
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	81	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	11	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	8.4	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	8.3	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	13	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	19	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	24	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	52	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.27	mg/Kg	1489
TPH (Diesel)	SW8015B	7/13/2005	2	1	2.00	20.1	mg/Kg	R6609
TPH (Oil)	SW8015B	7/13/2005	4	1	4.00	129	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/13/2005	0	1	53.5-127	99.3	%REC	R6609

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-14 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:30:00 AM

Lab Sample ID: 0507007-033
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4'-DDD	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
4,4'-DDE	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
4,4'-DDT	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Aldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
beta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Chlordane	SW8081A	7/11/2005	20	1	20	ND	µg/Kg	R6543
delta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Dieldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan I	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan II	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan sulfate	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin aldehyde	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin ketone	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor epoxide	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Methoxychlor	SW8081A	7/11/2005	5	1	5.0	ND	µg/Kg	R6543
Toxaphene	SW8081A	7/11/2005	100	1	100	ND	µg/Kg	R6543
Surr: Decachlorobiphenyl	SW8081A	7/11/2005	0	1	67.1-112	46.0	%REC	R6543
Surr: Tetrachloro-m-xylene	SW8081A	7/11/2005	0	1	65.7-114	69.4	%REC	R6543

Note: Surrogate recovery of DCBP is bias low; recovery of second surrogate supports data quality.

Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6638
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	99.6	%REC	R6638
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	71.3	%REC	R6638

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-14 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:30:00 AM

Lab Sample ID: 0507007-033
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Acenaphthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Acenaphthylene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Anthracene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Benz(a)anthracene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Benzo(g,h,i)perylene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Benzo[a]pyrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Benzo[b]fluoranthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Benzo[k]fluoranthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Chrysene	SW8270C	7/9/2005	0.066	50	3.3	ND	mg/Kg	R6621
Dibenz(a,h)anthracene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Fluoranthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Fluorene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Indeno(1,2,3-cd)pyrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Naphthalene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Phenanthrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Pyrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6621
Surr: 2-Fluorobiphenyl	SW8270C	7/9/2005	0	50	23-125	D	%REC	R6621
Surr: p-Terphenyl-d14	SW8270C	7/9/2005	0	50	30-135	D	%REC	R6621

Note: Reporting limits increased due to the nature of the sample matrix. Surrogates are diluted out.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-14 2-21/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:32:00 AM

Lab Sample ID: 0507007-034
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	4.6	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	1.1	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	ND	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	4.0	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/13/2005	2	1	2.00	2.16	mg/Kg	R6609
TPH (Oil)	SW8015B	7/13/2005	4	1	4.00	25.6	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/13/2005	0	1	53.5-127	89.5	%REC	R6609

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-15 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:50:00 AM

Lab Sample ID: 0507007-036
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	34	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	60	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	31	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	14	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	6.6	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	7.6	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	43	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/13/2005	2	1	2.00	ND	mg/Kg	R6609
TPH (Oil)	SW8015B	7/13/2005	4	1	4.00	29.4	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/13/2005	0	1	53.5-127	93.5	%REC	R6609

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-15 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:50:00 AM

Lab Sample ID: 0507007-036
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4'-DDD	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
4,4'-DDE	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
4,4'-DDT	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Aldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
beta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Chlordane	SW8081A	7/11/2005	20	1	20	ND	µg/Kg	R6543
delta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Dieldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan I	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan II	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan sulfate	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin aldehyde	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin ketone	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor epoxide	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Methoxychlor	SW8081A	7/11/2005	5	1	5.0	ND	µg/Kg	R6543
Toxaphene	SW8081A	7/11/2005	100	1	100	ND	µg/Kg	R6543
Surr: Decachlorobiphenyl	SW8081A	7/11/2005	0	1	67.1-112	48.5	%REC	R6543
Surr: Tetrachloro-m-xylene	SW8081A	7/11/2005	0	1	65.7-114	73.7	%REC	R6543

Note: Surrogate recovery of DCBP is bias low; recovery of second surrogate supports data quality.

Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6638
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	111	%REC	R6638
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	71.4	%REC	R6638

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-15 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:50:00 AM

Lab Sample ID: 0507007-036
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Acenaphthene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Acenaphthylene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Anthracene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Benz(a)anthracene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Benzo(g,h,i)perylene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Benzo[a]pyrene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Benzo[b]fluoranthene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Benzo[k]fluoranthene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Chrysene	SW8270C	7/9/2005	0.066	1	0.066	ND	mg/Kg	R6621
Dibenz(a,h)anthracene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Fluoranthene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Fluorene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Indeno(1,2,3-cd)pyrene	SW8270C	7/9/2005	0.033	1	0.033	0.038	mg/Kg	R6621
Naphthalene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Phenanthrene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Pyrene	SW8270C	7/9/2005	0.033	1	0.033	0.053	mg/Kg	R6621
Surr: 2-Fluorobiphenyl	SW8270C	7/9/2005	0	1	23-125	33.5	%REC	R6621
Surr: p-Terphenyl-d14	SW8270C	7/9/2005	0	1	30-135	71.3	%REC	R6621

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-15 2-21/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 11:52:00 AM

Lab Sample ID: 0507007-037
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	43	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	18	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	4.7	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	6.4	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	8.4	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	25	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	18	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	31	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/13/2005	2	1	2.00	ND	mg/Kg	R6609
TPH (Oil)	SW8015B	7/13/2005	4	1	4.00	8.01	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/13/2005	0	1	53.5-127	86.9	%REC	R6609

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-16 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 12:07:00 PM

Lab Sample ID: 0507007-039
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	110	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	24	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	8.2	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	21	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	48	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	35	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	26	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	87	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/13/2005	2	1	2.00	6.71	mg/Kg	R6609
TPH (Oil)	SW8015B	7/13/2005	4	1	4.00	28.6	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/13/2005	0	1	53.5-127	83.0	%REC	R6609

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-16 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 12:07:00 PM

Lab Sample ID: 0507007-039
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
4,4´-DDE	SW8081A	7/11/2005	2	1	2.0	12	µg/Kg	R6543
4,4´-DDT	SW8081A	7/11/2005	2	1	2.0	7.2	µg/Kg	R6543
Aldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
beta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Chlordane	SW8081A	7/11/2005	20	1	20	ND	µg/Kg	R6543
delta-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Dieldrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan I	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan II	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan sulfate	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin aldehyde	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin ketone	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-BHC	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-Chlordane	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor epoxide	SW8081A	7/11/2005	2	1	2.0	ND	µg/Kg	R6543
Methoxychlor	SW8081A	7/11/2005	5	1	5.0	ND	µg/Kg	R6543
Toxaphene	SW8081A	7/11/2005	100	1	100	ND	µg/Kg	R6543
Surr: Decachlorobiphenyl	SW8081A	7/11/2005	0	1	67.1-112	44.5	%REC	R6543
Surr: Tetrachloro-m-xylene	SW8081A	7/11/2005	0	1	65.7-114	71.7	%REC	R6543

Note: Surrogate recovery of DCBP is bias low; recovery of second surrogate supports data quality.

Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6638
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	100	%REC	R6638
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	67.2	%REC	R6638

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-16 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 12:07:00 PM

Lab Sample ID: 0507007-039
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Acenaphthene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Acenaphthylene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Anthracene	SW8270C	7/9/2005	0.033	1	0.033	0.044	mg/Kg	R6621
Benz(a)anthracene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Benzo(g,h,i)perylene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Benzo[a]pyrene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Benzo[b]fluoranthene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Benzo[k]fluoranthene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Chrysene	SW8270C	7/9/2005	0.066	1	0.066	ND	mg/Kg	R6621
Dibenz(a,h)anthracene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Fluoranthene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Fluorene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Indeno(1,2,3-cd)pyrene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Naphthalene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Phenanthrene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Pyrene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Surr: 2-Fluorobiphenyl	SW8270C	7/9/2005	0	1	23-125	44.4	%REC	R6621
Surr: p-Terphenyl-d14	SW8270C	7/9/2005	0	1	30-135	103	%REC	R6621

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-16 2-21/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 12:10:00 PM

Lab Sample ID: 0507007-040
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	420	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	5.6	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	6.5	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	33	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	480	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	2.6	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	8.2	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	84	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.15	mg/Kg	1489
TPH (Diesel)	SW8015B	7/13/2005	2	1	2.00	2.23	mg/Kg	R6609
TPH (Oil)	SW8015B	7/13/2005	4	1	4.00	19.8	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/13/2005	0	1	53.5-127	123	%REC	R6609

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-17 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 12:35:00 PM

Lab Sample ID: 0507007-042
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	78	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	14	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	8.5	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	13	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	12	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	19	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	22	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	43	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/13/2005	2	1	2.00	ND	mg/Kg	R6609
TPH (Oil)	SW8015B	7/13/2005	4	1	4.00	66.6	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/13/2005	0	1	53.5-127	80.7	%REC	R6609

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-17 2-21/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 12:38:00 PM

Lab Sample ID: 0507007-043
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	44	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	20	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	9.2	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	14	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	ND	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	30	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	21	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	58	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/14/2005	2	1	2.00	ND	mg/Kg	R6609
TPH (Oil)	SW8015B	7/14/2005	4	1	4.00	4.45	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/14/2005	0	1	53.5-127	83.3	%REC	R6609

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-18 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 12:55:00 PM

Lab Sample ID: 0507007-045
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	65	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	15	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	4.8	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	6.3	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	ND	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	19	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	18	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	15	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/14/2005	2	1	2.00	13.3	mg/Kg	R6609
TPH (Oil)	SW8015B	7/14/2005	4	1	4.00	86.7	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/14/2005	0	1	53.5-127	84.6	%REC	R6609

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-18 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 12:55:00 PM

Lab Sample ID: 0507007-045
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
4,4´-DDE	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
4,4´-DDT	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Aldrin	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-BHC	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-Chlordane	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
beta-BHC	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Chlordane	SW8081A	7/13/2005	20	1	20	ND	µg/Kg	R6543
delta-BHC	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Dieldrin	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan I	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan II	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan sulfate	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin aldehyde	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin ketone	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-BHC	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-Chlordane	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor epoxide	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Methoxychlor	SW8081A	7/13/2005	5	1	5.0	ND	µg/Kg	R6543
Toxaphene	SW8081A	7/13/2005	100	1	100	ND	µg/Kg	R6543
Surr: Decachlorobiphenyl	SW8081A	7/13/2005	0	1	67.1-112	70.4	%REC	R6543
Surr: Tetrachloro-m-xylene	SW8081A	7/13/2005	0	1	65.7-114	88.6	%REC	R6543
Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6638
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	103	%REC	R6638
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	66.2	%REC	R6638

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-18 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 12:55:00 PM

Lab Sample ID: 0507007-045
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Acenaphthene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Acenaphthylene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Anthracene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Benz(a)anthracene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Benzo(g,h,i)perylene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Benzo[a]pyrene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Benzo[b]fluoranthene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Benzo[k]fluoranthene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Chrysene	SW8270C	7/9/2005	0.066	1	0.066	ND	mg/Kg	R6621
Dibenz(a,h)anthracene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Fluoranthene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Fluorene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Indeno(1,2,3-cd)pyrene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Naphthalene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Phenanthrene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Pyrene	SW8270C	7/9/2005	0.033	1	0.033	ND	mg/Kg	R6621
Surr: 2-Fluorobiphenyl	SW8270C	7/9/2005	0	1	23-125	44.0	%REC	R6621
Surr: p-Terphenyl-d14	SW8270C	7/9/2005	0	1	30-135	87.0	%REC	R6621

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-18 2-21/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 1:00:00 PM

Lab Sample ID: 0507007-046
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	91	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	16	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	5.4	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	6.6	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	ND	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	21	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	17	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	24	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/14/2005	2	1	2.00	42.7	mg/Kg	R6609
TPH (Oil)	SW8015B	7/14/2005	4	1	4.00	104	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/14/2005	0	1	53.5-127	92.3	%REC	R6609

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-19 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 1:10:00 PM

Lab Sample ID: 0507007-048
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	81	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	18	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	4.2	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	14	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	12	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	13	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	24	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	28	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/14/2005	2	2	4.00	ND	mg/Kg	R6609
TPH (Oil)	SW8015B	7/14/2005	4	2	8.00	172	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/14/2005	0	2	53.5-127	100	%REC	R6609

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-19 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 1:10:00 PM

Lab Sample ID: 0507007-048
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
4,4´-DDE	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
4,4´-DDT	SW8081A	7/13/2005	2	1	2.0	4.3	µg/Kg	R6543
Aldrin	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-BHC	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-Chlordane	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
beta-BHC	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Chlordane	SW8081A	7/13/2005	20	1	20	ND	µg/Kg	R6543
delta-BHC	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Dieldrin	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan I	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan II	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan sulfate	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin aldehyde	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin ketone	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-BHC	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-Chlordane	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor epoxide	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Methoxychlor	SW8081A	7/13/2005	5	1	5.0	ND	µg/Kg	R6543
Toxaphene	SW8081A	7/13/2005	100	1	100	ND	µg/Kg	R6543
Surr: Decachlorobiphenyl	SW8081A	7/13/2005	0	1	67.1-112	71.1	%REC	R6543
Surr: Tetrachloro-m-xylene	SW8081A	7/13/2005	0	1	65.7-114	91.8	%REC	R6543
Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6638
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	105	%REC	R6638
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	68.2	%REC	R6638

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-19 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 1:10:00 PM

Lab Sample ID: 0507007-048
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Acenaphthene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Acenaphthylene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Anthracene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Benz(a)anthracene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Benzo(g,h,i)perylene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Benzo[a]pyrene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Benzo[b]fluoranthene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Benzo[k]fluoranthene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Chrysene	SW8270C	7/9/2005	0.066	10	0.66	ND	mg/Kg	R6621
Dibenz(a,h)anthracene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Fluoranthene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Fluorene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Indeno(1,2,3-cd)pyrene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Naphthalene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Phenanthrene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Pyrene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Surr: 2-Fluorobiphenyl	SW8270C	7/9/2005	0	10	23-125	58.0	%REC	R6621
Surr: p-Terphenyl-d14	SW8270C	7/9/2005	0	10	30-135	87.0	%REC	R6621

Note: Reporting limits increased due to the nature of the sample matrix.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-19 2-21/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 1:12:00 PM

Lab Sample ID: 0507007-049
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	50	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	19	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	5.0	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	5.2	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	4.0	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	16	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	20	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	23	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/14/2005	2	1	2.00	ND	mg/Kg	R6609
TPH (Oil)	SW8015B	7/14/2005	4	1	4.00	9.26	mg/Kg	R6609
Surr: Pentacosane	SW8015B	7/14/2005	0	1	53.5-127	89.1	%REC	R6609

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-20 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 2:03:00 PM

Lab Sample ID: 0507007-051
Date Prepared: 7/12/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	150	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	25	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	8.8	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	33	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	25	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	33	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	31	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	86	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.18	mg/Kg	1489
TPH (Diesel)	SW8015B	7/14/2005	2	1	2.00	3.58	mg/Kg	R6610
TPH (Oil)	SW8015B	7/14/2005	4	1	4.00	62.4	mg/Kg	R6610
Surr: Pentacosane	SW8015B	7/14/2005	0	1	53.5-127	87.9	%REC	R6610

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-20 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 2:03:00 PM

Lab Sample ID: 0507007-051
Date Prepared: 7/12/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4'-DDD	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
4,4'-DDE	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
4,4'-DDT	SW8081A	7/13/2005	2	1	2.0	3.3	µg/Kg	R6543
Aldrin	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-BHC	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
alpha-Chlordane	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
beta-BHC	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Chlordane	SW8081A	7/13/2005	20	1	20	ND	µg/Kg	R6543
delta-BHC	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Dieldrin	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan I	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan II	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endosulfan sulfate	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin aldehyde	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Endrin ketone	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-BHC	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
gamma-Chlordane	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Heptachlor epoxide	SW8081A	7/13/2005	2	1	2.0	ND	µg/Kg	R6543
Methoxychlor	SW8081A	7/13/2005	5	1	5.0	ND	µg/Kg	R6543
Toxaphene	SW8081A	7/13/2005	100	1	100	ND	µg/Kg	R6543
Surr: Decachlorobiphenyl	SW8081A	7/13/2005	0	1	67.1-112	67.0	%REC	R6543
Surr: Tetrachloro-m-xylene	SW8081A	7/13/2005	0	1	65.7-114	86.1	%REC	R6543
Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6638
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6638
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	0.0300	%REC	R6638
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	79.2	%REC	R6638

Note: Surrogate recovery of DCBP is bias low; recovery of second surrogate supports data quality.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-20 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 2:03:00 PM

Lab Sample ID: 0507007-051
Date Prepared: 7/12/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Acenaphthene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Acenaphthylene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Anthracene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Benz(a)anthracene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Benzo(g,h,i)perylene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Benzo[a]pyrene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Benzo[b]fluoranthene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Benzo[k]fluoranthene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Chrysene	SW8270C	7/9/2005	0.066	10	0.66	ND	mg/Kg	R6621
Dibenz(a,h)anthracene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Fluoranthene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Fluorene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Indeno(1,2,3-cd)pyrene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Naphthalene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Phenanthrene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Pyrene	SW8270C	7/9/2005	0.033	10	0.33	ND	mg/Kg	R6621
Surr: 2-Fluorobiphenyl	SW8270C	7/9/2005	0	10	23-125	47.0	%REC	R6621
Surr: p-Terphenyl-d14	SW8270C	7/9/2005	0	10	30-135	72.0	%REC	R6621

Note: Reporting limits increased due to the nature of the sample matrix.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-20 2-21/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 2:06:00 PM

Lab Sample ID: 0507007-052
Date Prepared: 7/12/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	140	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	27	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	7.6	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	38	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	30	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	33	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	27	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	84	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/14/2005	2	2	4.00	37.3	mg/Kg	R6610
TPH (Oil)	SW8015B	7/14/2005	4	2	8.00	223	mg/Kg	R6610
Surr: Pentacosane	SW8015B	7/14/2005	0	2	53.5-127	49.3	%REC	R6610

Note: Surrogate recovery falls outside the control limit possibly due to matrix interference.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-21 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 2:14:00 PM

Lab Sample ID: 0507007-054
Date Prepared: 7/12/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	65	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	17	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	18	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	49	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	26	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	31	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	91	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	210	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.50	mg/Kg	1489
TPH (Diesel)	SW8015B	7/14/2005	2	1	2.00	ND	mg/Kg	R6610
TPH (Oil)	SW8015B	7/14/2005	4	1	4.00	83.2	mg/Kg	R6610
Surr: Pentacosane	SW8015B	7/14/2005	0	1	53.5-127	85.6	%REC	R6610

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-21 2-21/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 2:17:00 PM

Lab Sample ID: 0507007-055
Date Prepared: 7/12/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/11/2005	3	1	3.0	ND	mg/Kg	1510
Arsenic	SW6010B	7/11/2005	1.747	1	1.7	ND	mg/Kg	1510
Barium	SW6010B	7/11/2005	3	1	3.0	140	mg/Kg	1510
Beryllium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Cadmium	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Chromium	SW6010B	7/11/2005	0.5	1	0.50	26	mg/Kg	1510
Cobalt	SW6010B	7/11/2005	0.5	1	0.50	6.4	mg/Kg	1510
Copper	SW6010B	7/11/2005	0.5	1	0.50	47	mg/Kg	1510
Lead	SW6010B	7/11/2005	0.368	1	0.37	34	mg/Kg	1510
Molybdenum	SW6010B	7/11/2005	0.5	1	0.50	ND	mg/Kg	1510
Nickel	SW6010B	7/11/2005	0.5	1	0.50	29	mg/Kg	1510
Selenium	SW6010B	7/11/2005	2	1	2.0	ND	mg/Kg	1510
Silver	SW6010B	7/11/2005	1	1	1.0	ND	mg/Kg	1510
Thallium	SW6010B	7/11/2005	5	1	5.0	ND	mg/Kg	1510
Vanadium	SW6010B	7/11/2005	2	1	2.0	29	mg/Kg	1510
Zinc	SW6010B	7/11/2005	4	1	4.0	80	mg/Kg	1510
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/15/2005	2	1	2.00	11.7	mg/Kg	R6610
TPH (Oil)	SW8015B	7/15/2005	4	1	4.00	117	mg/Kg	R6610
Surr: Pentacosane	SW8015B	7/15/2005	0	1	53.5-127	78.5	%REC	R6610

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-22 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 2:20:00 PM

Lab Sample ID: 0507007-057
Date Prepared: 7/12/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/12/2005	3	1	3.0	ND	mg/Kg	1511
Arsenic	SW6010B	7/12/2005	1.747	1	1.7	ND	mg/Kg	1511
Barium	SW6010B	7/12/2005	3	1	3.0	180	mg/Kg	1511
Beryllium	SW6010B	7/12/2005	2	1	2.0	ND	mg/Kg	1511
Cadmium	SW6010B	7/12/2005	0.5	1	0.50	ND	mg/Kg	1511
Chromium	SW6010B	7/12/2005	0.5	1	0.50	28	mg/Kg	1511
Cobalt	SW6010B	7/12/2005	0.5	1	0.50	8.7	mg/Kg	1511
Copper	SW6010B	7/12/2005	0.5	1	0.50	54	mg/Kg	1511
Lead	SW6010B	7/12/2005	0.368	1	0.37	56	mg/Kg	1511
Molybdenum	SW6010B	7/12/2005	0.5	1	0.50	ND	mg/Kg	1511
Nickel	SW6010B	7/12/2005	0.5	1	0.50	31	mg/Kg	1511
Selenium	SW6010B	7/12/2005	2	1	2.0	ND	mg/Kg	1511
Silver	SW6010B	7/12/2005	1	1	1.0	ND	mg/Kg	1511
Thallium	SW6010B	7/12/2005	5	1	5.0	ND	mg/Kg	1511
Vanadium	SW6010B	7/12/2005	2	1	2.0	42	mg/Kg	1511
Zinc	SW6010B	7/12/2005	4	1	4.0	100	mg/Kg	1511
Mercury	SW7471A	7/7/2005	0.1	1	0.10	0.10	mg/Kg	1489
TPH (Diesel)	SW8015B	7/15/2005	2	1	2.00	4.08	mg/Kg	R6610
TPH (Oil)	SW8015B	7/15/2005	4	1	4.00	113	mg/Kg	R6610
Surr: Pentacosane	SW8015B	7/15/2005	0	1	53.5-127	84.3	%REC	R6610

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-22 2-21/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 2:27:00 PM

Lab Sample ID: 0507007-058
Date Prepared: 7/12/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/12/2005	3	1	3.0	ND	mg/Kg	1511
Arsenic	SW6010B	7/12/2005	1.747	1	1.7	ND	mg/Kg	1511
Barium	SW6010B	7/12/2005	3	1	3.0	170	mg/Kg	1511
Beryllium	SW6010B	7/12/2005	2	1	2.0	ND	mg/Kg	1511
Cadmium	SW6010B	7/12/2005	0.5	1	0.50	ND	mg/Kg	1511
Chromium	SW6010B	7/12/2005	0.5	1	0.50	30	mg/Kg	1511
Cobalt	SW6010B	7/12/2005	0.5	1	0.50	8.6	mg/Kg	1511
Copper	SW6010B	7/12/2005	0.5	1	0.50	59	mg/Kg	1511
Lead	SW6010B	7/12/2005	0.368	1	0.37	38	mg/Kg	1511
Molybdenum	SW6010B	7/12/2005	0.5	1	0.50	ND	mg/Kg	1511
Nickel	SW6010B	7/12/2005	0.5	1	0.50	35	mg/Kg	1511
Selenium	SW6010B	7/12/2005	2	1	2.0	ND	mg/Kg	1511
Silver	SW6010B	7/12/2005	1	1	1.0	ND	mg/Kg	1511
Thallium	SW6010B	7/12/2005	5	1	5.0	ND	mg/Kg	1511
Vanadium	SW6010B	7/12/2005	2	1	2.0	41	mg/Kg	1511
Zinc	SW6010B	7/12/2005	4	1	4.0	110	mg/Kg	1511
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/15/2005	2	1	2.00	9.49	mg/Kg	R6610
TPH (Oil)	SW8015B	7/15/2005	4	1	4.00	65.6	mg/Kg	R6610
Surr: Pentacosane	SW8015B	7/15/2005	0	1	53.5-127	74.0	%REC	R6610

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-23 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 2:31:00 PM

Lab Sample ID: 0507007-060
Date Prepared: 7/12/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/12/2005	3	1	3.0	ND	mg/Kg	1511
Arsenic	SW6010B	7/12/2005	1.747	1	1.7	ND	mg/Kg	1511
Barium	SW6010B	7/12/2005	3	1	3.0	160	mg/Kg	1511
Beryllium	SW6010B	7/12/2005	2	1	2.0	ND	mg/Kg	1511
Cadmium	SW6010B	7/12/2005	0.5	1	0.50	ND	mg/Kg	1511
Chromium	SW6010B	7/12/2005	0.5	1	0.50	34	mg/Kg	1511
Cobalt	SW6010B	7/12/2005	0.5	1	0.50	9.3	mg/Kg	1511
Copper	SW6010B	7/12/2005	0.5	1	0.50	47	mg/Kg	1511
Lead	SW6010B	7/12/2005	0.368	1	0.37	32	mg/Kg	1511
Molybdenum	SW6010B	7/12/2005	0.5	1	0.50	ND	mg/Kg	1511
Nickel	SW6010B	7/12/2005	0.5	1	0.50	38	mg/Kg	1511
Selenium	SW6010B	7/12/2005	2	1	2.0	ND	mg/Kg	1511
Silver	SW6010B	7/12/2005	1	1	1.0	ND	mg/Kg	1511
Thallium	SW6010B	7/12/2005	5	1	5.0	ND	mg/Kg	1511
Vanadium	SW6010B	7/12/2005	2	1	2.0	36	mg/Kg	1511
Zinc	SW6010B	7/12/2005	4	1	4.0	110	mg/Kg	1511
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/15/2005	2	1	2.00	5.94	mg/Kg	R6610
TPH (Oil)	SW8015B	7/15/2005	4	1	4.00	112	mg/Kg	R6610
Surr: Pentacosane	SW8015B	7/15/2005	0	1	53.5-127	91.7	%REC	R6610

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: LSB-23 2-21/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005 2:41:00 PM

Lab Sample ID: 0507007-061
Date Prepared: 7/12/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/12/2005	3	1	3.0	ND	mg/Kg	1511
Arsenic	SW6010B	7/12/2005	1.747	1	1.7	ND	mg/Kg	1511
Barium	SW6010B	7/12/2005	3	1	3.0	150	mg/Kg	1511
Beryllium	SW6010B	7/12/2005	2	1	2.0	ND	mg/Kg	1511
Cadmium	SW6010B	7/12/2005	0.5	1	0.50	ND	mg/Kg	1511
Chromium	SW6010B	7/12/2005	0.5	1	0.50	30	mg/Kg	1511
Cobalt	SW6010B	7/12/2005	0.5	1	0.50	7.2	mg/Kg	1511
Copper	SW6010B	7/12/2005	0.5	1	0.50	250	mg/Kg	1511
Lead	SW6010B	7/12/2005	0.368	1	0.37	28	mg/Kg	1511
Molybdenum	SW6010B	7/12/2005	0.5	1	0.50	ND	mg/Kg	1511
Nickel	SW6010B	7/12/2005	0.5	1	0.50	33	mg/Kg	1511
Selenium	SW6010B	7/12/2005	2	1	2.0	ND	mg/Kg	1511
Silver	SW6010B	7/12/2005	1	1	1.0	ND	mg/Kg	1511
Thallium	SW6010B	7/12/2005	5	1	5.0	ND	mg/Kg	1511
Vanadium	SW6010B	7/12/2005	2	1	2.0	34	mg/Kg	1511
Zinc	SW6010B	7/12/2005	4	1	4.0	90	mg/Kg	1511
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
TPH (Diesel)	SW8015B	7/15/2005	2	1	2.00	8.41	mg/Kg	R6610
TPH (Oil)	SW8015B	7/15/2005	4	1	4.00	70.9	mg/Kg	R6610
Surr: Pentacosane	SW8015B	7/15/2005	0	1	53.5-127	92.1	%REC	R6610

Note: Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel.

Report prepared for: Peter Langtry
Lowney Associates

Date Received: 7/1/2005
Date Reported: 7/18/2005

Client Sample ID: EB-10
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 7/1/2005

Lab Sample ID: 0507007-063
Date Prepared: 7/5/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/12/2005	3	1	3.0	ND	mg/Kg	1511
Arsenic	SW6010B	7/12/2005	1.747	1	1.7	ND	mg/Kg	1511
Barium	SW6010B	7/12/2005	3	1	3.0	ND	mg/Kg	1511
Beryllium	SW6010B	7/12/2005	2	1	2.0	ND	mg/Kg	1511
Cadmium	SW6010B	7/12/2005	0.5	1	0.50	ND	mg/Kg	1511
Chromium	SW6010B	7/12/2005	0.5	1	0.50	ND	mg/Kg	1511
Cobalt	SW6010B	7/12/2005	0.5	1	0.50	ND	mg/Kg	1511
Copper	SW6010B	7/12/2005	0.5	1	0.50	0.93	mg/Kg	1511
Lead	SW6010B	7/12/2005	0.368	1	0.37	ND	mg/Kg	1511
Molybdenum	SW6010B	7/12/2005	0.5	1	0.50	ND	mg/Kg	1511
Nickel	SW6010B	7/12/2005	0.5	1	0.50	ND	mg/Kg	1511
Selenium	SW6010B	7/12/2005	2	1	2.0	ND	mg/Kg	1511
Silver	SW6010B	7/12/2005	1	1	1.0	ND	mg/Kg	1511
Thallium	SW6010B	7/12/2005	5	1	5.0	ND	mg/Kg	1511
Vanadium	SW6010B	7/12/2005	2	1	2.0	ND	mg/Kg	1511
Zinc	SW6010B	7/12/2005	4	1	4.0	4.9	mg/Kg	1511
Mercury	SW7471A	7/7/2005	0.1	1	0.10	ND	mg/Kg	1489
pH	SW9045C	7/5/2005	0.05	1	0.0500	8.04	pH Units	R6550

Note: pH was analyzed outside of recommended holding time

Definitions, legends and Notes

Note	Description
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory; Lab Certificate #

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Torrent Laboratory, Inc.

Date: *18-Jul-05*

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID **1499-MBLK**	SampType: **MBLK**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **7/6/2005**	RunNo: **6574**
Client ID: **ZZZZZ**	Batch ID: **1499**	TestNo: **SW6010B**	**(SW3050B)**	Analysis Date: **7/10/2005**	SeqNo: **95511**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	3.0									
Arsenic	ND	1.7									
Barium	ND	3.0									
Beryllium	ND	2.0									
Cadmium	ND	0.50									
Chromium	ND	0.50									
Cobalt	ND	0.50									
Copper	ND	0.50									
Lead	ND	0.37									
Molybdenum	ND	0.50									
Nickel	ND	0.50									
Selenium	ND	2.0									
Silver	ND	1.0									
Thallium	ND	5.0									
Vanadium	ND	2.0									
Zinc	ND	4.0									

Sample ID **1510-MBLK**	SampType: **MBLK**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **7/6/2005**	RunNo: **6593**
Client ID: **ZZZZZ**	Batch ID: **1510**	TestNo: **SW6010B**	**(SW3050B)**	Analysis Date: **7/11/2005**	SeqNo: **95874**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	3.0									
Arsenic	ND	1.7									
Barium	ND	3.0									
Beryllium	ND	2.0									
Cadmium	ND	0.50									
Chromium	ND	0.50									
Cobalt	ND	0.50									
Copper	ND	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID	1510-MBLK	SampType:	MBLK	TestCode:	6010B_S	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6593
Client ID:	ZZZZZ	Batch ID:	1510	TestNo:	SW6010B	(SW3050B)		Analysis Date:	7/11/2005	SeqNo:	95874

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.37									
Molybdenum	ND	0.50									
Nickel	ND	0.50									
Selenium	ND	2.0									
Silver	ND	1.0									
Thallium	ND	5.0									
Vanadium	ND	2.0									
Zinc	ND	4.0									

Sample ID	1511-MBLK	SampType:	MBLK	TestCode:	6010B_S	Units:	mg/Kg	Prep Date:	7/7/2005	RunNo:	6601
Client ID:	ZZZZZ	Batch ID:	1511	TestNo:	SW6010B	(SW3050B)		Analysis Date:	7/12/2005	SeqNo:	96234

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	3.0									
Arsenic	ND	1.7									
Barium	ND	3.0									
Beryllium	ND	2.0									
Cadmium	ND	0.50									
Chromium	ND	0.50									
Cobalt	ND	0.50									
Copper	ND	0.50									
Lead	ND	0.37									
Molybdenum	ND	0.50									
Nickel	ND	0.50									
Selenium	ND	2.0									
Silver	ND	1.0									
Thallium	ND	5.0									
Vanadium	ND	2.0									
Zinc	ND	4.0									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID	1499-LCS	SampType:	LCS	TestCode:	6010B_S	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6574
Client ID:	ZZZZZ	Batch ID:	1499	TestNo:	SW6010B	(SW3050B)		Analysis Date:	7/10/2005	SeqNo:	95507

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	120.6	3.0	100	0	121	67.6	140				
Arsenic	118.1	1.7	100	0	118	73.9	135				
Barium	96.00	3.0	100	0	96.0	70.2	130				
Beryllium	94.57	2.0	100	0	94.6	89.4	113				
Cadmium	114.4	0.50	100	0	114	82.4	125				
Chromium	112.4	0.50	100	0	112	68.1	122				
Cobalt	110.1	0.50	100	0	110	73.7	120				
Copper	98.55	0.50	100	0	98.6	92.1	118				
Lead	92.59	0.37	100	0	92.6	67.9	118				
Molybdenum	97.01	0.50	100	0	97.0	87.3	122				
Nickel	111.0	0.50	100	0.3075	111	69.2	126				
Selenium	100.4	2.0	100	0	100	75	125				
Silver	110.5	1.0	100	0	110	65.4	118				
Thallium	110.9	5.0	100	0	111	75	125				
Vanadium	94.85	2.0	100	0	94.8	83.2	112				
Zinc	95.37	4.0	100	0	95.4	72.6	123				

Sample ID	1510-LCS	SampType:	LCS	TestCode:	6010B_S	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6593
Client ID:	ZZZZZ	Batch ID:	1510	TestNo:	SW6010B	(SW3050B)		Analysis Date:	7/11/2005	SeqNo:	95872

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	107.3	3.0	100	0	107	67.6	140				
Arsenic	103.2	1.7	100	0	103	73.9	135				
Barium	107.8	3.0	100	0	108	70.2	130				
Beryllium	109.3	2.0	100	0	109	89.4	113				
Cadmium	110.4	0.50	100	0	110	82.4	125				
Chromium	106.3	0.50	100	0	106	68.1	122				
Cobalt	104.2	0.50	100	0	104	73.7	120				
Copper	111.0	0.50	100	0	111	92.1	118				
Lead	105.3	0.37	100	0	105	67.9	118				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID 1510-LCS	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/6/2005	RunNo: 6593
Client ID: ZZZZZ	Batch ID: 1510	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/11/2005	SeqNo: 95872

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	109.8	0.50	100	0	110	87.3	122				
Nickel	106.8	0.50	100	0	107	69.2	126				
Selenium	103.0	2.0	100	0	103	75	125				
Silver	105.7	1.0	100	0	106	65.4	118				
Thallium	107.4	5.0	100	0	107	75	125				
Vanadium	108.0	2.0	100	0	108	83.2	112				
Zinc	106.1	4.0	100	0	106	72.6	123				

Sample ID 1511-LCS	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/7/2005	RunNo: 6601
Client ID: ZZZZZ	Batch ID: 1511	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/12/2005	SeqNo: 96232

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	112.3	3.0	100	0	112	67.6	140				
Arsenic	106.9	1.7	100	0	107	73.9	135				
Barium	97.55	3.0	100	0	97.5	70.2	130				
Beryllium	99.69	2.0	100	0	99.7	89.4	113				
Cadmium	101.0	0.50	100	0	101	82.4	125				
Chromium	96.10	0.50	100	0	96.1	68.1	122				
Cobalt	97.84	0.50	100	0	97.8	73.7	120				
Copper	97.19	0.50	100	0	97.2	92.1	118				
Lead	98.53	0.37	100	0	98.5	67.9	118				
Molybdenum	99.90	0.50	100	0	99.9	87.3	122				
Nickel	95.18	0.50	100	0	95.2	69.2	126				
Selenium	101.7	2.0	100	0	102	75	125				
Silver	93.83	1.0	100	0	93.8	65.4	118				
Thallium	93.51	5.0	100	0	93.5	75	125				
Vanadium	99.37	2.0	100	0	99.4	83.2	112				
Zinc	98.38	4.0	100	0	98.4	72.6	123				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID 1499-LCSD	SampType: LCSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/6/2005	RunNo: 6574
Client ID: ZZZZZ	Batch ID: 1499	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/10/2005	SeqNo: 95509

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	107.3	3.0	100	0	107	67.6	140	120.6	11.6	30	
Arsenic	115.1	1.7	100	0	115	73.9	135	118.1	2.54	30	
Barium	94.10	3.0	100	0	94.1	70.2	130	96	2.00	30	
Beryllium	93.91	2.0	100	0	93.9	89.4	113	94.57	0.708	30	
Cadmium	111.7	0.50	100	0	112	82.4	125	114.4	2.37	30	
Chromium	110.2	0.50	100	0	110	68.1	122	112.4	1.95	30	
Cobalt	107.8	0.50	100	0	108	73.7	120	110.1	2.08	30	
Copper	98.81	0.50	100	0	98.8	92.1	118	98.55	0.265	30	
Lead	89.88	0.37	100	0	89.9	67.9	118	92.59	2.97	30	
Molybdenum	95.84	0.50	100	0	95.8	87.3	122	97.01	1.21	30	
Nickel	110.2	0.50	100	0.3075	110	69.2	126	111	0.692	30	
Selenium	95.25	2.0	100	0	95.3	75	125	100.4	5.30	30	
Silver	109.9	1.0	100	0	110	65.4	118	110.5	0.474	30	
Thallium	104.6	5.0	100	0	105	75	125	110.9	5.85	30	
Vanadium	94.10	2.0	100	0	94.1	83.2	112	94.85	0.791	30	
Zinc	96.79	4.0	100	0	96.8	72.6	123	95.37	1.48	30	

Sample ID 1510-LCSD	SampType: LCSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/6/2005	RunNo: 6593
Client ID: ZZZZZ	Batch ID: 1510	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/11/2005	SeqNo: 95873

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	91.34	3.0	100	0	91.3	67.6	140	107.3	16.1	30	
Arsenic	112.3	1.7	100	0	112	73.9	135	103.2	8.46	30	
Barium	97.75	3.0	100	0	97.7	70.2	130	107.8	9.78	30	
Beryllium	98.48	2.0	100	0	98.5	89.4	113	109.3	10.4	30	
Cadmium	100.3	0.50	100	0	100	82.4	125	110.4	9.54	30	
Chromium	95.73	0.50	100	0	95.7	68.1	122	106.3	10.5	30	
Cobalt	94.21	0.50	100	0	94.2	73.7	120	104.2	10.0	30	
Copper	98.82	0.50	100	0	98.8	92.1	118	111	11.6	30	
Lead	96.38	0.37	100	0	96.4	67.9	118	105.3	8.88	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

Sample ID **1510-LCSD**	SampType: **LCSD**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **7/6/2005**	RunNo: **6593**
Client ID: **ZZZZZ**	Batch ID: **1510**	TestNo: **SW6010B**	**(SW3050B)**	Analysis Date: **7/11/2005**	SeqNo: **95873**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	100.4	0.50	100	0	100	87.3	122	109.8	8.96	30	
Nickel	96.39	0.50	100	0	96.4	69.2	126	106.8	10.3	30	
Selenium	90.51	2.0	100	0	90.5	75	125	103	12.9	30	
Silver	95.19	1.0	100	0	95.2	65.4	118	105.7	10.5	30	
Thallium	88.02	5.0	100	0	88.0	75	125	107.4	19.8	30	
Vanadium	97.43	2.0	100	0	97.4	83.2	112	108	10.3	30	
Zinc	96.23	4.0	100	0	96.2	72.6	123	106.1	9.78	30	

Sample ID **1511-LCSD**	SampType: **LCSD**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **7/7/2005**	RunNo: **6601**
Client ID: **ZZZZZ**	Batch ID: **1511**	TestNo: **SW6010B**	**(SW3050B)**	Analysis Date: **7/12/2005**	SeqNo: **96233**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	114.8	3.0	100	0	115	67.6	140	112.3	2.14	30	
Arsenic	95.92	1.7	100	0	95.9	73.9	135	106.9	10.8	30	
Barium	90.73	3.0	100	0	90.7	70.2	130	97.55	7.24	30	
Beryllium	92.31	2.0	100	0	92.3	89.4	113	99.69	7.68	30	
Cadmium	93.83	0.50	100	0	93.8	82.4	125	101	7.32	30	
Chromium	88.42	0.50	100	0	88.4	68.1	122	96.1	8.32	30	
Cobalt	89.05	0.50	100	0	89.1	73.7	120	97.84	9.41	30	
Copper	98.67	0.50	100	0	98.7	92.1	118	97.19	1.51	30	
Lead	88.71	0.37	100	0	88.7	67.9	118	98.53	10.5	30	
Molybdenum	93.85	0.50	100	0	93.8	87.3	122	99.9	6.25	30	
Nickel	86.52	0.50	100	0	86.5	69.2	126	95.18	9.53	30	
Selenium	93.12	2.0	100	0	93.1	75	125	101.7	8.80	30	
Silver	86.18	1.0	100	0	86.2	65.4	118	93.83	8.50	30	
Thallium	88.97	5.0	100	0	89.0	75	125	93.51	4.97	30	
Vanadium	92.22	2.0	100	0	92.2	83.2	112	99.37	7.46	30	
Zinc	91.48	4.0	100	0	91.5	72.6	123	98.38	7.27	30	

Sample ID **0507007-012AMS**	SampType: **MS**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **7/6/2005**	RunNo: **6574**
Client ID: **EB-6 51/2-6**	Batch ID: **1499**	TestNo: **SW6010B**	**(SW3050B)**	Analysis Date: **7/10/2005**	SeqNo: **95478**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	103.1	3.0	100	0	103	67.6	140				
Arsenic	103.2	1.7	100	0	103	73.9	135				
Barium	177.6	3.0	100	92.4	85.2	70.2	130				
Beryllium	91.85	2.0	100	0	91.8	89.4	113				
Cadmium	107.5	0.50	100	0	107	82.4	125				
Chromium	139.6	0.50	100	35.56	104	68.1	122				
Cobalt	109.9	0.50	100	8.953	101	73.7	120				
Copper	113.7	0.50	100	15.47	98.3	92.1	118				
Lead	89.46	0.37	100	4.638	84.8	67.9	118				
Molybdenum	89.07	0.50	100	0	89.1	87.3	122				
Nickel	138.9	0.50	100	37.39	102	69.2	126				
Selenium	96.42	2.0	100	0	96.4	65	135				
Silver	108.5	1.0	100	0	109	65.4	118				
Thallium	97.27	5.0	100	0	97.3	65	135				
Vanadium	122.6	2.0	100	30.63	92.0	83.2	112				
Zinc	124.6	4.0	100	32.86	91.8	72.6	123				

Sample ID **0507007-033AMS**	SampType: **MS**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **7/6/2005**	RunNo: **6593**
Client ID: **LSB-14 0-1/2**	Batch ID: **1510**	TestNo: **SW6010B**	**(SW3050B)**	Analysis Date: **7/11/2005**	SeqNo: **95847**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	95.90	3.0	100	0	95.9	67.6	140				
Arsenic	90.19	1.7	100	0	90.2	73.9	135				
Barium	205.1	3.0	100	81.21	124	70.2	130				
Beryllium	92.45	2.0	100	0	92.5	89.4	113				
Cadmium	93.44	0.50	100	0	93.4	82.4	125				
Chromium	96.57	0.50	100	10.81	85.8	68.1	122				
Cobalt	91.44	0.50	100	8.374	83.1	73.7	120				
Copper	100.9	0.50	100	8.321	92.6	92.1	118				
Lead	98.32	0.37	100	12.71	85.6	67.9	118				

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID 0507007-033AMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/6/2005	RunNo: 6593
Client ID: LSB-14 0-1/2	Batch ID: 1510	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/11/2005	SeqNo: 95847

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	93.59	0.50	100	0	93.6	87.3	122				
Nickel	101.8	0.50	100	18.74	83.0	69.2	126				
Selenium	81.02	2.0	100	0	81.0	65	135				
Silver	90.87	1.0	100	0	90.9	65.4	118				
Thallium	84.45	5.0	100	0	84.5	65	135				
Vanadium	106.6	2.0	100	23.57	83.0	83.2	112				S
Zinc	123.7	4.0	100	52.22	71.5	72.6	123				S

Sample ID 0507007-058AMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/7/2005	RunNo: 6601
Client ID: LSB-22 2-21/2	Batch ID: 1511	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/12/2005	SeqNo: 96214

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	99.31	3.0	100	0	99.3	67.6	140				
Arsenic	92.55	1.7	100	0	92.5	73.9	135				
Barium	263.7	3.0	100	170.7	93.0	70.2	130				
Beryllium	95.29	2.0	100	0	95.3	89.4	113				
Cadmium	95.59	0.50	100	0	95.6	82.4	125				
Chromium	117.7	0.50	100	29.87	87.9	68.1	122				
Cobalt	98.21	0.50	100	8.578	89.6	73.7	120				
Copper	144.9	0.50	100	59.07	85.8	92.1	118				S
Lead	116.6	0.37	100	37.53	79.0	67.9	118				
Molybdenum	95.59	0.50	100	0	95.6	87.3	122				
Nickel	130.6	0.50	100	35.43	95.2	69.2	126				
Selenium	107.5	2.0	100	0	107	65	135				
Silver	91.63	1.0	100	0	91.6	65.4	118				
Thallium	100.6	5.0	100	0	101	65	135				
Vanadium	128.2	2.0	100	41.35	86.9	83.2	112				
Zinc	196.0	4.0	100	106.9	89.1	72.6	123				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID 0507021-005AMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/7/2005	RunNo: 6612
Client ID: ZZZZZ	Batch ID: 1511	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/13/2005	SeqNo: 96479

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	107.8	3.0	100	0	108	67.6	140				
Arsenic	91.90	1.7	100	0	91.9	73.9	135				
Barium	213.5	3.0	100	104.7	109	70.2	130				
Beryllium	98.00	2.0	100	0	98.0	89.4	113				
Cadmium	100.8	0.50	100	0	101	82.4	125				
Chromium	143.3	0.50	100	51.52	91.8	68.1	122				
Cobalt	103.6	0.50	100	13.18	90.5	73.7	120				
Copper	170.7	0.50	100	47.15	124	92.1	118				S
Lead	113.8	0.37	100	20.52	93.3	67.9	118				
Molybdenum	97.41	0.50	100	0	97.4	87.3	122				
Nickel	161.7	0.50	100	65.19	96.5	69.2	126				
Selenium	94.78	2.0	100	0	94.8	65	135				
Silver	94.13	1.0	100	0	94.1	65.4	118				
Thallium	93.25	5.0	100	0	93.3	65	135				
Vanadium	148.0	2.0	100	47.56	100	83.2	112				
Zinc	186.0	4.0	100	87.67	98.3	72.6	123				

Sample ID 0507007-012AMSD	SampType: MSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/6/2005	RunNo: 6574
Client ID: EB-6 51/2-6	Batch ID: 1499	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/10/2005	SeqNo: 95479

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	114.3	3.0	100	0	114	67.6	140	103.1	10.3	30	
Arsenic	119.5	1.7	100	0	120	73.9	135	103.2	14.6	30	
Barium	202.0	3.0	100	92.4	110	70.2	130	177.6	12.9	30	
Beryllium	100.4	2.0	100	0	100	89.4	113	91.85	8.95	30	
Cadmium	116.8	0.50	100	0	117	82.4	125	107.5	8.35	30	
Chromium	156.7	0.50	100	35.56	121	68.1	122	139.6	11.6	30	
Cobalt	120.2	0.50	100	8.953	111	73.7	120	109.9	8.99	30	
Copper	125.3	0.50	100	15.47	110	92.1	118	113.7	9.71	30	
Lead	97.26	0.37	100	4.638	92.6	67.9	118	89.46	8.35	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID	0507007-012AMSD	SampType:	MSD	TestCode:	6010B_S	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6574
Client ID:	EB-6 51/2-6	Batch ID:	1499	TestNo:	SW6010B	(SW3050B)		Analysis Date:	7/10/2005	SeqNo:	95479

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	98.71	0.50	100	0	98.7	87.3	122	89.07	10.3	30	
Nickel	155.2	0.50	100	37.39	118	69.2	126	138.9	11.1	30	
Selenium	103.8	2.0	100	0	104	65	135	96.42	7.40	30	
Silver	117.1	1.0	100	0	117	65.4	118	108.5	7.60	30	
Thallium	108.0	5.0	100	0	108	65	135	97.27	10.5	30	
Vanadium	132.3	2.0	100	30.63	102	83.2	112	122.6	7.59	30	
Zinc	137.9	4.0	100	32.86	105	72.6	123	124.6	10.1	30	

Sample ID	0507007-033AMSD	SampType:	MSD	TestCode:	6010B_S	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6593
Client ID:	LSB-14 0-1/2	Batch ID:	1510	TestNo:	SW6010B	(SW3050B)		Analysis Date:	7/11/2005	SeqNo:	95848

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	85.96	3.0	100	0	86.0	67.6	140	95.9	10.9	30	
Arsenic	99.80	1.7	100	0	99.8	73.9	135	90.19	10.1	30	
Barium	210.6	3.0	100	81.21	129	70.2	130	205.1	2.67	30	
Beryllium	89.79	2.0	100	0	89.8	89.4	113	92.45	2.93	30	
Cadmium	90.86	0.50	100	0	90.9	82.4	125	93.44	2.80	30	
Chromium	94.77	0.50	100	10.81	84.0	68.1	122	96.57	1.89	30	
Cobalt	86.63	0.50	100	8.374	78.3	73.7	120	91.44	5.41	30	
Copper	100.6	0.50	100	8.321	92.3	92.1	118	100.9	0.357	30	
Lead	97.96	0.37	100	12.71	85.3	67.9	118	98.32	0.363	30	
Molybdenum	91.92	0.50	100	0	91.9	87.3	122	93.59	1.80	30	
Nickel	98.88	0.50	100	18.74	80.1	69.2	126	101.8	2.87	30	
Selenium	81.86	2.0	100	0	81.9	65	135	81.02	1.03	30	
Silver	88.05	1.0	100	0	88.0	65.4	118	90.87	3.16	30	
Thallium	85.74	5.0	100	0	85.7	65	135	84.45	1.51	30	
Vanadium	106.1	2.0	100	23.57	82.5	83.2	112	106.6	0.469	30	S
Zinc	130.0	4.0	100	52.22	77.8	72.6	123	123.7	5.02	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID	0507007-058AMSD	SampType:	MSD	TestCode:	6010B_S	Units:	mg/Kg	Prep Date:	7/7/2005	RunNo:	6601
Client ID:	LSB-22 2-21/2	Batch ID:	1511	TestNo:	SW6010B	(SW3050B)		Analysis Date:	7/12/2005	SeqNo:	96215

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	94.25	3.0	100	0	94.3	67.6	140	99.31	5.22	30	
Arsenic	102.5	1.7	100	0	102	73.9	135	92.55	10.2	30	
Barium	263.3	3.0	100	170.7	92.6	70.2	130	263.7	0.132	30	
Beryllium	93.02	2.0	100	0	93.0	89.4	113	95.29	2.41	30	
Cadmium	94.34	0.50	100	0	94.3	82.4	125	95.59	1.32	30	
Chromium	118.9	0.50	100	29.87	89.0	68.1	122	117.7	0.964	30	
Cobalt	94.80	0.50	100	8.578	86.2	73.7	120	98.21	3.53	30	
Copper	147.2	0.50	100	59.07	88.1	92.1	118	144.9	1.54	30	S
Lead	127.3	0.37	100	37.53	89.7	67.9	118	116.6	8.78	30	
Molybdenum	92.45	0.50	100	0	92.5	87.3	122	95.59	3.33	30	
Nickel	121.5	0.50	100	35.43	86.1	69.2	126	130.6	7.23	30	
Selenium	104.3	2.0	100	0	104	65	135	107.5	3.06	30	
Silver	91.83	1.0	100	0	91.8	65.4	118	91.63	0.216	30	
Thallium	86.37	5.0	100	0	86.4	65	135	100.6	15.3	30	
Vanadium	129.5	2.0	100	41.35	88.1	83.2	112	128.2	0.983	30	
Zinc	192.1	4.0	100	106.9	85.3	72.6	123	196	1.99	30	

Sample ID	0507021-005AMSD	SampType:	MSD	TestCode:	6010B_S	Units:	mg/Kg	Prep Date:	7/7/2005	RunNo:	6612
Client ID:	ZZZZZ	Batch ID:	1511	TestNo:	SW6010B	(SW3050B)		Analysis Date:	7/13/2005	SeqNo:	96480

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	102.8	3.0	100	0	103	67.6	140	107.8	4.79	30	
Arsenic	95.53	1.7	100	0	95.5	73.9	135	91.9	3.87	30	
Barium	208.0	3.0	100	104.7	103	70.2	130	213.5	2.61	30	
Beryllium	97.36	2.0	100	0	97.4	89.4	113	98	0.653	30	
Cadmium	97.09	0.50	100	0	97.1	82.4	125	100.8	3.73	30	
Chromium	142.0	0.50	100	51.52	90.4	68.1	122	143.3	0.929	30	
Cobalt	80.83	0.50	100	13.18	67.6	73.7	120	103.6	24.7	30	S
Copper	166.8	0.50	100	47.15	120	92.1	118	170.7	2.34	30	S
Lead	110.7	0.37	100	20.52	90.2	67.9	118	113.8	2.76	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID	0507021-005AMSD	SampType:	MSD	TestCode:	6010B_S	Units:	mg/Kg	Prep Date:	7/7/2005	RunNo:	6612
Client ID:	ZZZZZ	Batch ID:	1511	TestNo:	SW6010B	(SW3050B)		Analysis Date:	7/13/2005	SeqNo:	96480

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	97.82	0.50	100	0	97.8	87.3	122	97.41	0.422	30	
Nickel	158.3	0.50	100	65.19	93.1	69.2	126	161.7	2.12	30	
Selenium	83.79	2.0	100	0	83.8	65	135	94.78	12.3	30	
Silver	92.73	1.0	100	0	92.7	65.4	118	94.13	1.49	30	
Thallium	97.41	5.0	100	0	97.4	65	135	93.25	4.36	30	
Vanadium	144.1	2.0	100	47.56	96.5	83.2	112	148	2.67	30	
Zinc	187.7	4.0	100	87.67	100	72.6	123	186	0.920	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID	MB-R6543	SampType:	MBLK	TestCode:	8081_S	Units:	µg/Kg	Prep Date:	7/6/2005	RunNo:	6543
Client ID:	ZZZZZ	Batch ID:	R6543	TestNo:	SW8081A			Analysis Date:	7/6/2005	SeqNo:	94954

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	2.0									
alpha-BHC	ND	2.0									
alpha-Chlordane	ND	2.0									
beta-BHC	ND	2.0									
Chlordane	ND	50									
delta-BHC	ND	2.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	2.0									
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	2.0									
gamma-Chlordane	ND	2.0									
Heptachlor	ND	2.0									
Heptachlor epoxide	ND	2.0									
Methoxychlor	ND	5.0									
Toxaphene	ND	100									
Surr: Decachlorobiphenyl	40.24	0	50	0	80.5	67.1	112				
Surr: Tetrachloro-m-xylene	49.37	0	50	0	98.7	65.7	114				

Sample ID	LCS	SampType:	LCS	TestCode:	8081_S	Units:	µg/Kg	Prep Date:	7/6/2005	RunNo:	6543
Client ID:	ZZZZZ	Batch ID:	R6543	TestNo:	SW8081A			Analysis Date:	7/6/2005	SeqNo:	94963

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	14.45	2.0	20	0	72.2	62.6	124				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **LCS**	SampType: **LCS**	TestCode: **8081_S**	Units: **µg/Kg**	Prep Date: **7/6/2005**	RunNo: **6543**
Client ID: **ZZZZZ**	Batch ID: **R6543**	TestNo: **SW8081A**		Analysis Date: **7/6/2005**	SeqNo: **94963**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	12.33	2.0	20	0	61.7	61.4	115				
Dieldrin	14.00	2.0	20	0	70.0	65	122				
Endrin	14.29	2.0	20	0	71.4	62.8	130				
gamma-BHC	13.00	2.0	20	0	65.0	61.6	121				
Heptachlor	13.24	2.0	20	0	66.2	65.5	116				
Surr: Decachlorobiphenyl	38.30	0	50	0	76.6	67.1	112				
Surr: Tetrachloro-m-xylene	36.89	0	50	0	73.8	65.7	114				

Sample ID **LCSD**	SampType: **LCSD**	TestCode: **8081_S**	Units: **µg/Kg**	Prep Date: **7/6/2005**	RunNo: **6543**
Client ID: **ZZZZZ**	Batch ID: **R6543**	TestNo: **SW8081A**		Analysis Date: **7/6/2005**	SeqNo: **94964**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	16.42	2.0	20	0	82.1	62.6	124	14.45	12.8	30	
Aldrin	13.93	2.0	20	0	69.7	61.4	115	12.33	12.2	30	
Dieldrin	16.00	2.0	20	0	80.0	65	122	14	13.3	30	
Endrin	16.04	2.0	20	0	80.2	62.8	130	14.29	11.6	30	
gamma-BHC	13.20	2.0	20	0	66.0	61.6	121	13	1.55	30	
Heptachlor	14.89	2.0	20	0	74.4	65.5	116	13.24	11.7	30	
Surr: Decachlorobiphenyl	41.79	0	50	0	83.6	67.1	112	0	0	0	
Surr: Tetrachloro-m-xylene	38.98	0	50	0	78.0	65.7	114	0	0	0	

Sample ID **0507017-001AMS**	SampType: **MS**	TestCode: **8081_S**	Units: **µg/Kg**	Prep Date: **7/6/2005**	RunNo: **6543**
Client ID: **ZZZZZ**	Batch ID: **R6543**	TestNo: **SW8081A**		Analysis Date: **7/6/2005**	SeqNo: **94956**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	15.14	2.0	20	0	75.7	62.6	124				
Aldrin	12.47	2.0	20	0	62.4	61.4	115				
Dieldrin	13.62	2.0	20	0	68.1	65	122				
Endrin	17.29	2.0	20	0	86.5	62.8	130				
gamma-BHC	14.35	2.0	20	0	71.8	61.6	121				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **0507017-001AMS**	SampType: **MS**	TestCode: **8081_S**	Units: **µg/Kg**	Prep Date: **7/6/2005**	RunNo: **6543**
Client ID: **ZZZZZ**	Batch ID: **R6543**	TestNo: **SW8081A**		Analysis Date: **7/6/2005**	SeqNo: **94956**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Heptachlor	14.00	2.0	20	0	70.0	65.5	116				
Surr: Decachlorobiphenyl	35.00	0	50	0	70.0	67.1	112				
Surr: Tetrachloro-m-xylene	40.09	0	50	0	80.2	65.7	114				

Sample ID **0507017-001AMSD**	SampType: **MSD**	TestCode: **8081_S**	Units: **µg/Kg**	Prep Date: **7/6/2005**	RunNo: **6543**
Client ID: **ZZZZZ**	Batch ID: **R6543**	TestNo: **SW8081A**		Analysis Date: **7/6/2005**	SeqNo: **94957**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	15.83	2.0	20	0	79.2	62.6	124	15.14	4.47	30	
Aldrin	13.23	2.0	20	0	66.1	61.4	115	12.47	5.91	30	
Dieldrin	14.32	2.0	20	0	71.6	65	122	13.62	5.00	30	
Endrin	17.52	2.0	20	0	87.6	62.8	130	17.29	1.33	30	
gamma-BHC	12.58	2.0	20	0	62.9	61.6	121	14.35	13.1	30	
Heptachlor	14.71	2.0	20	0	73.5	65.5	116	14	4.90	30	
Surr: Decachlorobiphenyl	37.02	0	50	0	74.0	67.1	112	0	0	0	
Surr: Tetrachloro-m-xylene	41.82	0	50	0	83.6	65.7	114	0	0	0	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **SP050706A-MB**	SampType: **MBLK**	TestCode: **8082_S**	Units: **mg/Kg**	Prep Date: **7/6/2005**	RunNo: **6638**
Client ID: **ZZZZZ**	Batch ID: **R6638**	TestNo: **SW8082**		Analysis Date: **7/11/2005**	SeqNo: **96970**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.10									
Aroclor 1221	ND	0.20									
Aroclor 1232	ND	0.10									
Aroclor 1242	ND	0.10									
Aroclor 1248	ND	0.10									
Aroclor 1254	ND	0.10									
Aroclor 1260	ND	0.10									
Surr: Decachlorobiphenyl	0.05096	0	0.05	0	102	66.8	130				
Surr: Tetrachloro-m-xylene	0.04163	0	0.05	0	83.3	65.3	133				

Sample ID **SP050706A-LCS**	SampType: **LCS**	TestCode: **8082_S**	Units: **mg/Kg**	Prep Date: **7/6/2005**	RunNo: **6638**
Client ID: **ZZZZZ**	Batch ID: **R6638**	TestNo: **SW8082**		Analysis Date: **7/11/2005**	SeqNo: **96971**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.4002	0.10	0.5	0	80.0	66.8	128				
Aroclor 1260	0.4640	0.10	0.5	0	92.8	66.5	133				
Surr: Decachlorobiphenyl	0.04692	0	0.05	0	93.8	66.8	130				
Surr: Tetrachloro-m-xylene	0.03324	0	0.05	0	66.5	65.3	133				

Sample ID **SP050706A-LCSD**	SampType: **LCSD**	TestCode: **8082_S**	Units: **mg/Kg**	Prep Date: **7/6/2005**	RunNo: **6638**
Client ID: **ZZZZZ**	Batch ID: **R6638**	TestNo: **SW8082**		Analysis Date: **7/11/2005**	SeqNo: **96972**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.3518	0.10	0.5	0	70.4	66.8	128	0.4002	12.9	30	
Aroclor 1260	0.4119	0.10	0.5	0	82.4	66.5	133	0.464	11.9	30	
Surr: Decachlorobiphenyl	0.04332	0	0.05	0	86.6	66.8	130	0	0	0	
Surr: Tetrachloro-m-xylene	0.03481	0	0.05	0	69.6	65.3	133	0	0	0	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID **0507007-048AMS**	SampType: **MS**	TestCode: **8082_S**	Units: **mg/Kg**	Prep Date: **7/6/2005**	RunNo: **6638**
Client ID: **LSB-19 0-1/2**	Batch ID: **R6638**	TestNo: **SW8082**		Analysis Date: **7/11/2005**	SeqNo: **96984**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.4491	0.10	0.5	0	89.8	66.8	128				
Aroclor 1260	0.4790	0.10	0.5	0	95.8	66.5	133				
Surr: Decachlorobiphenyl	0.05736	0	0.05	0	115	66.8	130				
Surr: Tetrachloro-m-xylene	0.03572	0	0.05	0	71.5	65.3	133				

Sample ID **0507007-048AMSD**	SampType: **MSD**	TestCode: **8082_S**	Units: **mg/Kg**	Prep Date: **7/6/2005**	RunNo: **6638**
Client ID: **LSB-19 0-1/2**	Batch ID: **R6638**	TestNo: **SW8082**		Analysis Date: **7/11/2005**	SeqNo: **96985**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.4694	0.10	0.5	0	93.9	66.8	128	0.4491	4.41	30	
Aroclor 1260	0.5065	0.10	0.5	0	101	66.5	133	0.479	5.58	30	
Surr: Decachlorobiphenyl	0.05880	0	0.05	0	118	66.8	130	0	0	0	
Surr: Tetrachloro-m-xylene	0.03920	0	0.05	0	78.4	65.3	133	0	0	0	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID **MBLK**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/8/2005**	RunNo: **6561**
Client ID: **ZZZZZ**	Batch ID: **R6561**	TestNo: **SW8260B**		Analysis Date: **7/8/2005**	SeqNo: **95206**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	10									
Ethylbenzene	ND	10									
Toluene	ND	10									
Xylenes, Total	ND	10									
Surr: 4-Bromofluorobenzene	57.30	0	50	0	115	65	135				
Surr: Dibromofluoromethane	64.70	0	50	0	129	65	135				
Surr: Toluene-d8	63.40	0	50	0	127	65	135				

Sample ID **MBLK**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/11/2005**	RunNo: **6594**
Client ID: **ZZZZZ**	Batch ID: **R6594**	TestNo: **SW8260B**		Analysis Date: **7/11/2005**	SeqNo: **95875**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	10									
Ethylbenzene	ND	10									
Toluene	ND	10									
Xylenes, Total	ND	10									
Surr: 4-Bromofluorobenzene	42.10	0	50	0	84.2	65	135				
Surr: Dibromofluoromethane	44.80	0	50	0	89.6	65	135				
Surr: Toluene-d8	46.60	0	50	0	93.2	65	135				

Sample ID **LCS**	SampType: **LCS**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/8/2005**	RunNo: **6561**
Client ID: **ZZZZZ**	Batch ID: **R6561**	TestNo: **SW8260B**		Analysis Date: **7/8/2005**	SeqNo: **95207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	47.80	10	50	0	95.6	77.6	130				
Toluene	56.50	10	50	5.2	103	76.7	134				
Surr: 4-Bromofluorobenzene	51.40	0	50	0	103	65	135				
Surr: Dibromofluoromethane	53.40	0	50	0	107	65	135				
Surr: Toluene-d8	58.60	0	50	0	117	65	135				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID **LCS**	SampType: **LCS**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/11/2005**	RunNo: **6594**
Client ID: **ZZZZZ**	Batch ID: **R6594**	TestNo: **SW8260B**		Analysis Date: **7/11/2005**	SeqNo: **95876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	46.80	10	50	0	93.6	77.6	130				
Toluene	56.00	10	50	0	112	76.7	134				
Surr: 4-Bromofluorobenzene	40.90	0	50	0	81.8	65	135				
Surr: Dibromofluoromethane	41.30	0	50	0	82.6	65	135				
Surr: Toluene-d8	46.20	0	50	0	92.4	65	135				

Sample ID **LCSD**	SampType: **LCSD**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/8/2005**	RunNo: **6561**
Client ID: **ZZZZZ**	Batch ID: **R6561**	TestNo: **SW8260B**		Analysis Date: **7/8/2005**	SeqNo: **95208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	47.10	10	50	0	94.2	77.6	130	47.8	1.48	30	
Toluene	48.80	10	50	5.2	87.2	76.7	134	56.5	14.6	30	
Surr: 4-Bromofluorobenzene	47.40	0	50	0	94.8	65	135	0	0	0	
Surr: Dibromofluoromethane	55.80	0	50	0	112	65	135	0	0	0	
Surr: Toluene-d8	52.10	0	50	0	104	65	135	0	0	0	

Sample ID **LCSD**	SampType: **LCSD**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/11/2005**	RunNo: **6594**
Client ID: **ZZZZZ**	Batch ID: **R6594**	TestNo: **SW8260B**		Analysis Date: **7/11/2005**	SeqNo: **95877**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	51.20	10	50	0	102	77.6	130	46.8	8.98	30	
Toluene	50.40	10	50	0	101	76.7	134	56	10.5	30	
Surr: 4-Bromofluorobenzene	38.20	0	50	0	76.4	65	135	0	0	0	
Surr: Dibromofluoromethane	39.80	0	50	0	79.6	65	135	0	0	0	
Surr: Toluene-d8	42.60	0	50	0	85.2	65	135	0	0	0	

Sample ID **0507031-005Ams**	SampType: **MS**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/8/2005**	RunNo: **6561**
Client ID: **ZZZZZ**	Batch ID: **R6561**	TestNo: **SW8260B**		Analysis Date: **7/8/2005**	SeqNo: **95211**

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

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID **0507031-005Ams**	SampType: **MS**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/8/2005**	RunNo: **6561**
Client ID: **ZZZZZ**	Batch ID: **R6561**	TestNo: **SW8260B**		Analysis Date: **7/8/2005**	SeqNo: **95211**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	45.10	10	50	0	90.2	70	130	45.1	0	30	
Toluene	49.70	10	50	0	99.4	70	130	49.7	0	30	
Surr: 4-Bromofluorobenzene	38.60	0	50	0	77.2	65	135	0	0	0	
Surr: Dibromofluoromethane	51.40	0	50	0	103	65	135	0	0	0	
Surr: Toluene-d8	49.90	0	50	0	99.8	65	135	0	0	0	

Sample ID **0507031-029Ams**	SampType: **MS**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/11/2005**	RunNo: **6594**
Client ID: **ZZZZZ**	Batch ID: **R6594**	TestNo: **SW8260B**		Analysis Date: **7/11/2005**	SeqNo: **95888**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	53.40	10	50	0	107	70	130				
Toluene	45.50	10	50	0	91.0	70	130				
Surr: 4-Bromofluorobenzene	40.70	0	50	0	81.4	65	135				
Surr: Dibromofluoromethane	55.72	0	50	0	111	65	135				
Surr: Toluene-d8	43.10	0	50	0	86.2	65	135				

Sample ID **0507031-005Amsd**	SampType: **MSD**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/8/2005**	RunNo: **6561**
Client ID: **ZZZZZ**	Batch ID: **R6561**	TestNo: **SW8260B**		Analysis Date: **7/8/2005**	SeqNo: **95212**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	51.90	10	50	0	104	70	130				
Toluene	50.80	10	50	0	102	70	130				
Surr: 4-Bromofluorobenzene	42.80	0	50	0	85.6	65	135				
Surr: Dibromofluoromethane	59.90	0	50	0	120	65	135				
Surr: Toluene-d8	51.90	0	50	0	104	65	135				

Sample ID **0507031-029Amsd**	SampType: **MSD**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/11/2005**	RunNo: **6594**
Client ID: **ZZZZZ**	Batch ID: **R6594**	TestNo: **SW8260B**		Analysis Date: **7/11/2005**	SeqNo: **95889**

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

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID **0507031-029Amsd**	SampType: **MSD**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/11/2005**	RunNo: **6594**
Client ID: **ZZZZZ**	Batch ID: **R6594**	TestNo: **SW8260B**		Analysis Date: **7/11/2005**	SeqNo: **95889**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	53.10	10	50	0	106	70	130	53.4	0.563	30	
Toluene	48.50	10	50	0	97.0	70	130	45.5	6.38	30	
Surr: 4-Bromofluorobenzene	37.70	0	50	0	75.4	65	135	0	0	0	
Surr: Dibromofluoromethane	46.60	0	50	0	93.2	65	135	0	0	0	
Surr: Toluene-d8	41.80	0	50	0	83.6	65	135	0	0	0	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: HG_CTS

Sample ID	1486-MBLK	SampType:	MBLK	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6539
Client ID:	ZZZZZ	Batch ID:	1486	TestNo:	SW7471A	(SW7471APR		Analysis Date:	7/7/2005	SeqNo:	94891

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

Sample ID	1489-MBLK	SampType:	MBLK	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6542
Client ID:	ZZZZZ	Batch ID:	1489	TestNo:	SW7471A	(SW7471APR		Analysis Date:	7/7/2005	SeqNo:	94953

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

Sample ID	1486-LCS	SampType:	LCS	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6539
Client ID:	ZZZZZ	Batch ID:	1486	TestNo:	SW7471A	(SW7471APR		Analysis Date:	7/7/2005	SeqNo:	94889

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.583	0.10	2.5	0	103	80	120				

Sample ID	1489-LCS1	SampType:	LCS	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6542
Client ID:	ZZZZZ	Batch ID:	1489	TestNo:	SW7471A	(SW7471APR		Analysis Date:	7/7/2005	SeqNo:	94949

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.633	0.10	2.5	0	105	80	120				

Sample ID	1489-LCS2	SampType:	LCS	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6542
Client ID:	ZZZZZ	Batch ID:	1489	TestNo:	SW7471A	(SW7471APR		Analysis Date:	7/7/2005	SeqNo:	94950

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.467	0.10	2.5	0	98.7	80	120				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: HG_CTS

Sample ID	1486-LCSD	SampType:	LCSD	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6539
Client ID:	ZZZZZ	Batch ID:	1486	TestNo:	SW7471A	(SW7471APR		Analysis Date:	7/7/2005	SeqNo:	94890

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.600	0.10	2.5	0	104	80	120	2.583	0.643	30	

Sample ID	1489-LCSD1	SampType:	LCSD	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6542
Client ID:	ZZZZZ	Batch ID:	1489	TestNo:	SW7471A	(SW7471APR		Analysis Date:	7/7/2005	SeqNo:	94951

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.617	0.10	2.5	0	105	80	120	2.633	0.635	30	

Sample ID	1489-LCSD2	SampType:	LCSD	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6542
Client ID:	ZZZZZ	Batch ID:	1489	TestNo:	SW7471A	(SW7471APR		Analysis Date:	7/7/2005	SeqNo:	94952

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.617	0.10	2.5	0	105	80	120	2.467	5.90	30	

Sample ID	0507007-012AMS	SampType:	MS	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6539
Client ID:	EB-6 51/2-6	Batch ID:	1486	TestNo:	SW7471A	(SW7471APR		Analysis Date:	7/7/2005	SeqNo:	94874

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.600	0.10	2.5	0	104	70	130				

Sample ID	0507007-033AMS	SampType:	MS	TestCode:	HG_CTS	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6542
Client ID:	LSB-14 0-1/2	Batch ID:	1489	TestNo:	SW7471A	(SW7471APR		Analysis Date:	7/7/2005	SeqNo:	94925

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.550	0.10	2.5	0.2667	91.3	70	130				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: HG_CTS

Sample ID 0507007-058AMS	SampType: MS	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/6/2005	RunNo: 6542
Client ID: LSB-22 2-21/2	Batch ID: 1489	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/7/2005	SeqNo: 94944

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.217	0.10	2.5	0.05	86.7	70	130				

Sample ID 0507007-012AMSD	SampType: MSD	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/6/2005	RunNo: 6539
Client ID: EB-6 51/2-6	Batch ID: 1486	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/7/2005	SeqNo: 94875

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.667	0.10	2.5	0	107	70	130	2.6	2.53	30	

Sample ID 0507007-033AMSD	SampType: MSD	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/6/2005	RunNo: 6542
Client ID: LSB-14 0-1/2	Batch ID: 1489	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/7/2005	SeqNo: 94926

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.467	0.10	2.5	0.2667	88.0	70	130	2.55	3.32	30	

Sample ID 0507007-058AMSD	SampType: MSD	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/6/2005	RunNo: 6542
Client ID: LSB-22 2-21/2	Batch ID: 1489	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/7/2005	SeqNo: 94945

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.167	0.10	2.5	0.05	84.7	70	130	2.217	2.28	30	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: PAH_SOIL_SIM

Sample ID MB-R6621	SampType: MBLK	TestCode: PAH_SOIL_S	Units: mg/Kg	Prep Date: 7/8/2005	RunNo: 6621
Client ID: ZZZZZ	Batch ID: R6621	TestNo: SW8270C		Analysis Date: 7/9/2005	SeqNo: 96585

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Methylnaphthalene	ND	0.033									
Acenaphthene	ND	0.033									
Acenaphthylene	ND	0.033									
Anthracene	ND	0.033									
Benz(a)anthracene	ND	0.033									
Benzo(g,h,i)perylene	ND	0.033									
Benzo[a]pyrene	ND	0.033									
Benzo[b]fluoranthene	ND	0.033									
Benzo[k]fluoranthene	ND	0.033									
Chrysene	ND	0.066									
Dibenz(a,h)anthracene	ND	0.033									
Fluoranthene	ND	0.033									
Fluorene	ND	0.033									
Indeno(1,2,3-cd)pyrene	ND	0.033									
Naphthalene	ND	0.033									
Phenanthrene	ND	0.033									
Pyrene	ND	0.033									
Surr: 2-Fluorobiphenyl	0.06170	0	0.1	0	61.7	23	125				
Surr: p-Terphenyl-d14	0.1014	0	0.1	0	101	30	135				

Sample ID LCS	SampType: LCS	TestCode: PAH_SOIL_S	Units: mg/Kg	Prep Date: 7/8/2005	RunNo: 6621
Client ID: ZZZZZ	Batch ID: R6621	TestNo: SW8270C		Analysis Date: 7/9/2005	SeqNo: 96595

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.05910	0.033	0.1	0	59.1	20	120				
Pyrene	0.06740	0.033	0.1	0	67.4	35	142				
Surr: 2-Fluorobiphenyl	0.05400	0	0.1	0	54.0	23	125				
Surr: p-Terphenyl-d14	0.09400	0	0.1	0	94.0	30	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: PAH_SOIL_SIM

Sample ID	LCSD	SampType:	LCSD	TestCode:	PAH_SOIL_S	Units:	mg/Kg	Prep Date:	7/8/2005	RunNo:	6621		
Client ID:	ZZZZZ	Batch ID:	R6621	TestNo:	SW8270C			Analysis Date:	7/9/2005	SeqNo:	96596		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Acenaphthene	0.05960	0.033	0.1	0	59.6	20	120	0.0591	0.842	30			
Pyrene	0.06700	0.033	0.1	0	67.0	35	142	0.0674	0.595	30			
Surr: 2-Fluorobiphenyl	0.05540	0	0.1	0	55.4	23	125	0	0	0			
Surr: p-Terphenyl-d14	0.1001	0	0.1	0	100	30	135	0	0	0			

Sample ID	0507007-048AMS	SampType:	MS	TestCode:	PAH_SOIL_S	Units:	mg/Kg	Prep Date:	7/8/2005	RunNo:	6621		
Client ID:	LSB-19 0-1/2	Batch ID:	R6621	TestNo:	SW8270C			Analysis Date:	7/9/2005	SeqNo:	96597		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Acenaphthene	0.07700	0	0.1	0	77.0	20	120						
Pyrene	0.1000	0	0.1	0	100	35	142						
Surr: 2-Fluorobiphenyl	0.05600	0	0.1	0	56.0	23	125						
Surr: p-Terphenyl-d14	0.09600	0	0.1	0	96.0	30	135						

Sample ID	0507007-048AMSD	SampType:	MSD	TestCode:	PAH_SOIL_S	Units:	mg/Kg	Prep Date:	7/8/2005	RunNo:	6621		
Client ID:	LSB-19 0-1/2	Batch ID:	R6621	TestNo:	SW8270C			Analysis Date:	7/9/2005	SeqNo:	96598		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Acenaphthene	0.07600	0	0.1	0	76.0	20	120	0.077	1.31	30			
Pyrene	0.09800	0	0.1	0	98.0	35	142	0.1	2.02	30			
Surr: 2-Fluorobiphenyl	0.05400	0	0.1	0	54.0	23	125	0	0	0			
Surr: p-Terphenyl-d14	0.1050	0	0.1	0	105	30	135	0	0	0			

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TPH_D/MO_S_8015B

Sample ID	SD050709A-MB SG	SampType:	MBLK	TestCode:	TPH_D/MO_S	Units:	mg/Kg	Prep Date:	7/9/2005	RunNo:	6595		
Client ID:	ZZZZZ	Batch ID:	R6595	TestNo:	SW8015B			Analysis Date:	7/11/2005	SeqNo:	95892		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
TPH (Diesel)	ND	2.00											
TPH (Oil)	ND	4.00											
Surr: Pentacosane	3.549	0	3.3	0	108	53.5	127						

Sample ID	SD050711A-MB	SampType:	MBLK	TestCode:	TPH_D/MO_S	Units:	mg/Kg	Prep Date:	7/11/2005	RunNo:	6609		
Client ID:	ZZZZZ	Batch ID:	R6609	TestNo:	SW8015B			Analysis Date:	7/12/2005	SeqNo:	96439		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
TPH (Diesel)	ND	2.00											
TPH (Oil)	ND	4.00											
Surr: Pentacosane	2.602	0	3.3	0	78.8	53.5	127						

Sample ID	SD050712A-MB	SampType:	MBLK	TestCode:	TPH_D/MO_S	Units:	mg/Kg	Prep Date:	7/12/2005	RunNo:	6610		
Client ID:	ZZZZZ	Batch ID:	R6610	TestNo:	SW8015B			Analysis Date:	7/13/2005	SeqNo:	96455		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
TPH (Diesel)	ND	2.00											
TPH (Oil)	ND	4.00											
Surr: Pentacosane	2.966	0	3.3	0	89.9	53.5	127						

Sample ID	SD050709A-LCS SG	SampType:	LCS	TestCode:	TPH_D/MO_S	Units:	mg/Kg	Prep Date:	7/9/2005	RunNo:	6595		
Client ID:	ZZZZZ	Batch ID:	R6595	TestNo:	SW8015B			Analysis Date:	7/11/2005	SeqNo:	95893		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
TPH (Diesel)	25.65	2.00	33.33	1.662	72.0	46.2	109						
Surr: Pentacosane	3.658	0	3.3	0	111	53.5	127						

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TPH_D/MO_S_8015B

Sample ID SD050711A-LCS	SampType: LCS	TestCode: TPH_D/MO_S	Units: mg/Kg	Prep Date: 7/11/2005	RunNo: 6609
Client ID: ZZZZZ	Batch ID: R6609	TestNo: SW8015B		Analysis Date: 7/12/2005	SeqNo: 96440

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	25.92	2.00	33.33	1.343	73.8	46.2	109				
Surr: Pentacosane	2.898	0	3.3	0	87.8	53.5	127				

Sample ID SD050712A-LCS	SampType: LCS	TestCode: TPH_D/MO_S	Units: mg/Kg	Prep Date: 7/12/2005	RunNo: 6610
Client ID: ZZZZZ	Batch ID: R6610	TestNo: SW8015B		Analysis Date: 7/13/2005	SeqNo: 96456

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	25.54	2.00	33.33	1.218	73.0	46.2	109				
Surr: Pentacosane	2.812	0	3.3	0	85.2	53.5	127				

Sample ID SD050709A-LCSD S	SampType: LCSD	TestCode: TPH_D/MO_S	Units: mg/Kg	Prep Date: 7/9/2005	RunNo: 6595
Client ID: ZZZZZ	Batch ID: R6595	TestNo: SW8015B		Analysis Date: 7/11/2005	SeqNo: 95894

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	21.45	2.00	33.33	1.662	59.4	46.2	109	25.65	17.9	30	
Surr: Pentacosane	2.462	0	3.3	0	74.6	53.5	127	0	0	0	

Sample ID SD050711A-LCSD	SampType: LCSD	TestCode: TPH_D/MO_S	Units: mg/Kg	Prep Date: 7/11/2005	RunNo: 6609
Client ID: ZZZZZ	Batch ID: R6609	TestNo: SW8015B		Analysis Date: 7/12/2005	SeqNo: 96441

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	29.66	2.00	33.33	1.343	85.0	46.2	109	25.92	13.4	30	
Surr: Pentacosane	3.587	0	3.3	0	109	53.5	127	0	0	0	

Sample ID SD050712A-LCSD	SampType: LCSD	TestCode: TPH_D/MO_S	Units: mg/Kg	Prep Date: 7/12/2005	RunNo: 6610
Client ID: ZZZZZ	Batch ID: R6610	TestNo: SW8015B		Analysis Date: 7/13/2005	SeqNo: 96457

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	27.68	2.00	33.33	1.218	79.4	46.2	109	25.54	8.05	30	
Surr: Pentacosane	3.098	0	3.3	0	93.9	53.5	127	0	0	0	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TPH_D/MO_S_8015B

Sample ID 0507007-057AMS	SampType: MS	TestCode: TPH_D/MO_S	Units: mg/Kg	Prep Date: 7/12/2005	RunNo: 6610
Client ID: LSB-22 0-1/2	Batch ID: R6610	TestNo: SW8015B		Analysis Date: 7/15/2005	SeqNo: 96628

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	18.29	2.00	33.33	4.08	42.6	46.2	109				S
Surr: Pentacosane	2.795	0	3.3	0	84.7	53.5	127				

Sample ID 0507007-057AMSD	SampType: MSD	TestCode: TPH_D/MO_S	Units: mg/Kg	Prep Date: 7/12/2005	RunNo: 6610
Client ID: LSB-22 0-1/2	Batch ID: R6610	TestNo: SW8015B		Analysis Date: 7/15/2005	SeqNo: 96629

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	18.39	2.00	33.33	4.08	42.9	46.2	109	18.29	0.523	30	S
Surr: Pentacosane	3.029	0	3.3	0	91.8	53.5	127	0	0	0	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates
Work Order: 0507007
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TPH_GAS_S_8015B

Sample ID **MBLK**	SampType: **MBLK**	TestCode: **TPH_GAS_S**	Units: **mg/Kg**	Prep Date: **7/8/2005**	RunNo: **6565**
Client ID: **ZZZZZ**	Batch ID: **R6565**	TestNo: **SW8015B**		Analysis Date: **7/8/2005**	SeqNo: **95289**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	ND	0.100									
Surr: Trifluorotoluene	0.1929	0	0.2	0	96.5	44.7	125				

Sample ID **LCS**	SampType: **LCS**	TestCode: **TPH_GAS_S**	Units: **mg/Kg**	Prep Date: **7/8/2005**	RunNo: **6565**
Client ID: **ZZZZZ**	Batch ID: **R6565**	TestNo: **SW8015B**		Analysis Date: **7/8/2005**	SeqNo: **95290**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	0.8326	0.100	1	0	83.3	64.2	126				
Surr: Trifluorotoluene	0.2245	0	0.2	0	112	44.7	125				

Sample ID **LCSD**	SampType: **LCS**	TestCode: **TPH_GAS_S**	Units: **mg/Kg**	Prep Date: **7/8/2005**	RunNo: **6565**
Client ID: **ZZZZZ**	Batch ID: **R6565**	TestNo: **SW8015B**		Analysis Date: **7/8/2005**	SeqNo: **95291**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	0.8593	0.100	1	0	85.9	64.2	126	0.8326	3.16	0	
Surr: Trifluorotoluene	0.2196	0	0.2	0	110	44.7	125	0	0	0	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

EMSL Analytical, Inc
382 South Abbott Avenue, Milpitas, CA 95035
Phone: (408) 934-7015 Fax: (408) 934-7015 Email: milpitaslab@emsl.com

Attn: **Onyi Nwogu**
Torrent Laboratory, Inc.
483 Sinclair Frontage Rd.
Milpitas, CA 95035
Phone: (408) 263-5258
Fax: (408) 263-8293
Project: **0507007 / Torrent**

Customer ID: TORR80
Customer PO: 0507007
Received: 07/05/05 2:20 PM
EMSL Order: 090502311
EMSL Proj:
Analysis Date: 7/11/2005
Report Date: 7/11/2005

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	% Fibrous	% Non-Fibrous	Asbestos % Type
			Non-Asbestos		
0507007-063A, Soil		White		100% Matrix	None Detected
090502311-4001		Non-Fibrous Homogeneous			

Analyst(s)
Dave Ralboyski (1)

or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client.
Analysis performed by EMSL Milpitas (NVLAP #101048-3)

PLM-1

THIS IS THE LAST PAGE OF THE REPORT.

McCampbell Analytical, Inc.
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Website: www.mccampbell.com E-mail: main@mccampbell.com

Torrent Laboratory, Inc.
483 Sinclair Frontage Road
Milpitas, CA 95035

Client Project ID: #0507007
Client Contact: Onyi Nwogu
Client P.O.:

Date Sampled: 07/01/05
Date Received: 07/05/05
Date Extracted: 07/05/05
Date Analyzed: 07/06/05

Organic Lead*

Work Order: 0507039

Analytical methods: HML 939-M

Lab ID	Client ID	Matrix	Tetraethyl Lead as Lead	DF	% SS
0507039-001A	0507007-001A	S	ND	1	N/A
0507039-002A	0507007-005A	S	ND	1	N/A
0507039-003A	0507007-006A	S	ND	1	N/A
0507039-004A	0507007-008A	S	ND	1	N/A
0507039-005A	0507007-009A	S	ND	1	N/A
0507039-006A	0507007-010A	S	ND	1	N/A
0507039-007A	0507007-013A	S	ND	1	N/A
0507039-008A	0507007-016A	S	ND	1	N/A
0507039-009A	0507007-019A	S	ND	1	N/A
0507039-010A	0507007-023A	S	ND	1	N/A
0507039-011A	0507007-027A	S	0.64	1	N/A
0507039-012A	0507007-030A	S	ND	1	N/A
0507039-013A	0507007-033A	S	ND	1	N/A
0507039-014A	0507007-036A	S	ND	1	N/A
0507039-015A	0507007-039A	S	ND	1	N/A
0507039-017A	0507007-045A	S	ND	1	N/A
Reporting Limit for DF =1; ND means not detected at or above the reporting limit		W	NA		NA
		S	0.01		mg/Kg

* water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/Kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

a) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC / STLC: e) a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to interference; m) estimated value due to low/high surrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; see attached narrative.

ELAP Certification No. 1644

Angela Rydelius, Lab Manager

TORRENT LABORATORY, INC.

483 Sinclair Frontage Road, Milpitas, CA 95035
Phone: 408.263.5258 • FAX: 408.263.8293
www.torrentlab.com • email: analysis@torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 0507007

Company Name:	Torrent	Location of Sampling:	N/A
Address:	As Above	Purpose:	N/A
City:	State: Zip Code:	Special Instructions / Comments:	9050231
Telephone:	FAX:		
REPORT TO: Onyi Nwogu	SAMPLER:	P.O. #:	EMAIL: pm@torrentlab.com

TURNAROUND TIME:
☐ 10 Working Days ☐ 3 Working Days ☐ 2 - 8 Hours
☐ 7 Working Days ☐ 2 Working Days ☐ Other
☒ 5 Working Days ☐ 24 Hours

SAMPLE TYPE:
☐ Storm Water ☐ Other
☐ Waste Water
☐ Ground Water
☐ Soil

REPORT FORMAT:
☐ QC Level II
☐ EDF
☐ Excel / EDD

ANALYSIS REQUESTED

Asbestos by PLM Bulk

CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE		TORRENT'S SAMPLE I.D.
1. 0507007-063A	7-1-05	SOIL	1	GLASS JAR	X	
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						

TORRENT LAB

	Relinquished By:	Date:	Time:	Received By:	Date:	Time:
1	Onyi Nwogu	7-5-05	11.25 AM		7/5/05	2320
2	Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Were Samples Received in Good Condition? ☐ Yes ☐ NO Samples on Ice? ☐ Yes ☐ NO Method of Shipment _____ Sample seals intact? ☐ Yes ☐ NO

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Page _____ of _____

Log In By: _____ Date: _____ Log In Reviewed By: _____ Date: _____

McCampbell Analytical, Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Torrent Laboratory, Inc.	Client Project ID: #0507007	Date Sampled: 07/01/05
433 Sinclair Frontage Road		Date Received: 07/05/05
Milpitas, CA 95035	Client Contact: Onyi Nwogu	Date Extracted: 07/05/05
	Client P.O.:	Date Analyzed: 07/06/05

Organic Lead*

Analytical methods: HML 939-M Work Order: 0507039

Lab ID	Client ID	Matrix	Tetraethyl Lead as Lead	DF	% SS
0507039-018A	0507007-048A	S	ND	1	N/A
0507039-019A	0507007-051A	S	ND	1	N/A
0507039-020A	0507007-054A	S	ND	1	N/A
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA		NA	
	S	0.01		mg/Kg	

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC or STLC, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; o) see attached narrative.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR HML 939-M

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0507039

EPA Method: HML 939-M	Extraction: CA T22 CPT11 AP		BatchID: 16979			Spiked Sample ID: 0507017-018A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
Tetraethyl Lead as Lead	ND	0.026	96.7	110	13.2	87.5	100	13.4	75 - 125	85 - 115

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 16979 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0507039-001A	7/01/05 8:15 AM	7/05/05	7/06/05 8:26 PM	0507039-002A	7/01/05 8:35 AM	7/05/05	7/06/05 8:28 PM
0507039-003A	7/01/05 8:37 AM	7/05/05	7/06/05 8:30 PM	0507039-004A	7/01/05 8:59 AM	7/05/05	7/06/05 8:33 PM
0507039-005A	7/01/05 9:09 AM	7/05/05	7/06/05 8:35 PM	0507039-006A	7/01/05 9:22 AM	7/05/05	7/06/05 8:37 PM

MS = Matrix Spike, MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR HML 939-M

WO#: Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0507039

EPA Method: HML 939-M	Extraction: CA T22 CPT11 AP		BatchID: 17001			Spiked Sample ID: 0507039-018A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
Tetraethyl Lead as Lead	ND	0.026	81.5	75.5	7.60	105	105	0	75 - 125	85 - 115

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 17001 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0507039-007A	7/01/05 9:44 AM	7/05/05	7/06/05 8:39 PM	0507039-008A	7/01/05 10:02 AM	7/05/05	7/06/05 8:41 PM
0507039-009A	7/01/05 10:24 AM	7/05/05	7/06/05 8:43 PM	0507039-010A	7/01/05 10:45 AM	7/05/05	7/06/05 8:46 PM
0507039-011A	7/01/05 11:00 AM	7/05/05	7/06/05 8:52 PM	0507039-012A	7/01/05 11:14 AM	7/05/05	7/06/05 8:55 PM
0507039-013A	7/01/05 11:30 AM	7/05/05	7/06/05 8:57 PM	0507039-014A	7/01/05 11:50 AM	7/05/05	7/06/05 8:59 PM
0507039-015A	7/01/05 12:07 PM	7/05/05	7/06/05 9:01 PM	0507039-017A	7/01/05 12:55 PM	7/05/05	7/06/05 9:03 PM
0507039-018A	7/01/05 1:10 PM	7/05/05	7/06/05 9:06 PM	0507039-019A	7/01/05 2:03 PM	7/05/05	7/06/05 9:08 PM
0507039-020A	7/01/05 2:14 PM	7/05/05	7/06/05 9:10 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

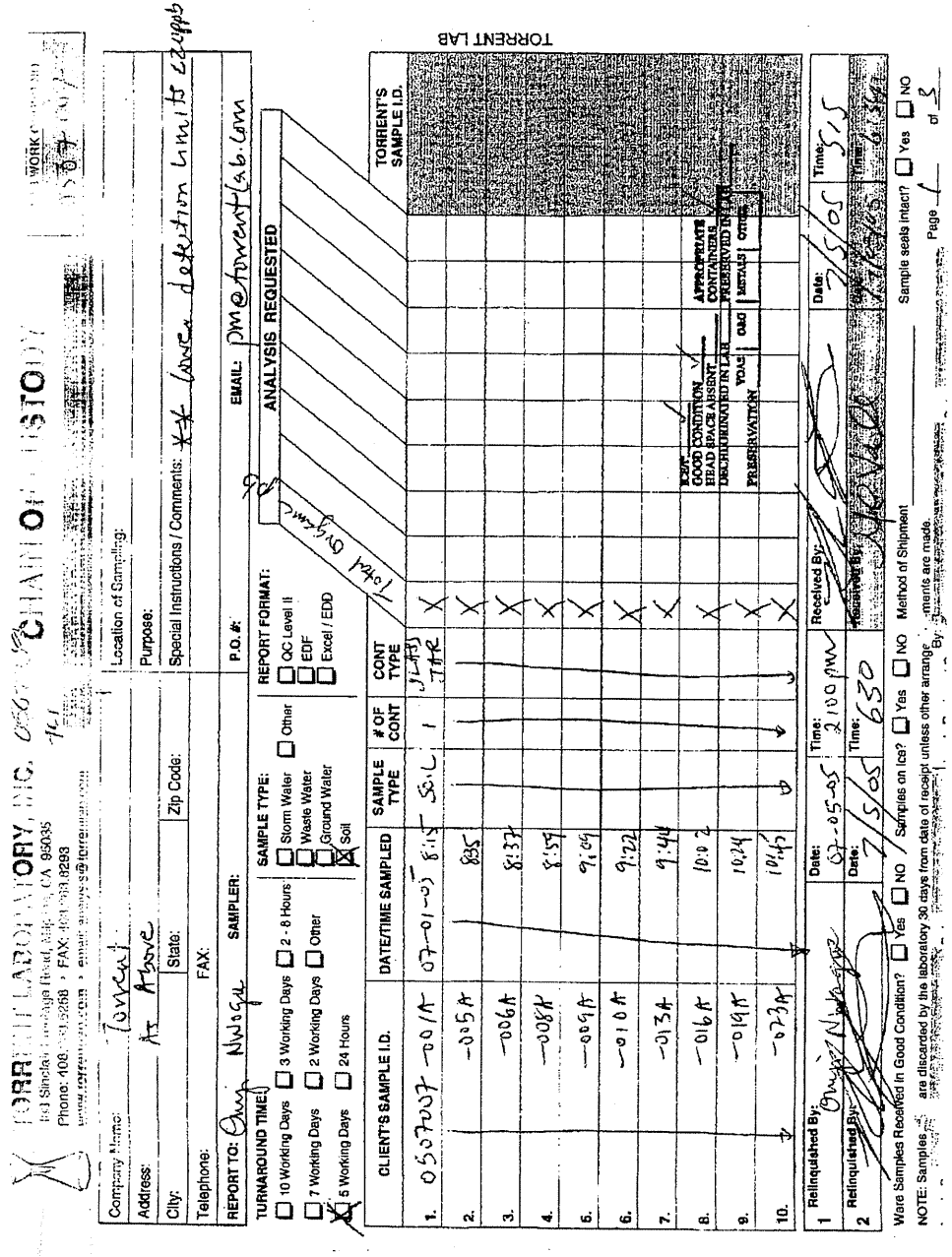
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NS = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

QA/QC Officer



TORRENT LAB
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TORRENT LABORATORY, INC.
483 Sinclair Frontage Road, Milpitas, CA 95035
Phone: 408.263.5258 • FAX: 408.263.8293
www.torrentlab.com • email: analysis@torrentlab.com

CHAIN OF CUSTODY

LAB WORK ORDER NO: 0507007

Company Name:	Torrent	Location of Sampling:	
Address:	As Above	Purpose:	
City:	State:	Zip Code:	Special Instructions / Comments: Lower detection limits 2ppb
Telephone:	FAX:		
REPORT TO: Onyi Nwogu	SAMPLER:	P.O. #:	EMAIL: pm@torrentlab.com

TURNAROUND TIME: ☐ 10 Working Days ☐ 3 Working Days ☐ 2 - 8 Hours ☐ 7 Working Days ☐ 2 Working Days ☐ Other ☒ 5 Working Days ☐ 24 Hours

SAMPLE TYPE: ☐ Storm Water ☐ Other ☐ Waste Water ☐ Ground Water ☒ Soil

REPORT FORMAT: ☐ QC Level II ☐ EDF ☐ Excel / EDD

ANALYSIS REQUESTED: Total Organic Oil

	CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	TORRENT'S SAMPLE I.D.
1.	0507007-027A	7-1-05 11:00	Soil	1	5TAG JAR	X
2.	-030A	11:14				X
3.	-033A	11:30				X
4.	-036A	11:50				X
5.	-039A	12:07				X
6.	-042A	12:35				X
7.	-045A	12:55				X
8.	-048A	13:10				X
9.	-051A	14:03				X
10.	-054A	14:14				X

	Relinquished By:	Date:	Time:	Received By:	Date:	Time:
1	Onyi Nwogu	07-05-05	2:00 pm		7/5/05	5:15
2	Onyi Nwogu	7/5/05	6:30		7/5/05	6:30

Were Samples Received in Good Condition? ☐ Yes ☐ NO Samples on Ice? ☐ Yes ☐ NO Method of Shipment _____ Sample seals Intact? ☐ Yes ☐ NO

NOTE: Samples are discarded by the lab 30 days from date of receipt unless other arrangements are made. Page 2 of 8

TORRENT LAB

Jul 13 2005 11:54AM McCAMPBELL ANALYTICAL 9257984612 P.3

McCampbell Analytical, Inc.
110 Second Avenue South, #7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 0507039 Client ID: TLI

Report to:		Bill to:	
Onyi Nwogu	TEL: 408-263-5258	Falguni	Requested TAT: 5 days
Torrent Laboratory, Inc.	FAX: 408-263-8293	Torrent Laboratory, Inc.	
483 Sinclair Frontage Road	ProjectNo: #0507007	483 Sinclair Frontage Road	*Date Received:* 07/05/2005
Milpitas, CA 95035	PO:	Milpitas, CA 95035	*Date Printed:* 07/13/2005

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0507039-001	0507007-001A	Soil	7/1/05 8:15:00 AM	☐	A														
0507039-002	0507007-005A	Soil	7/1/05 8:35:00 AM	☐	A														
0507039-003	0507007-006A	Soil	7/1/05 8:37:00 AM	☐	A														
0507039-004	0507007-008A	Soil	7/1/05 8:59:00 AM	☐	A														
0507039-005	0507007-009A	Soil	7/1/05 9:09:00 AM	☐	A														
0507039-006	0507007-010A	Soil	7/1/05 9:22:00 AM	☐	A														
0507039-007	0507007-013A	Soil	7/1/05 9:44:00 AM	☐	A														
0507039-008	0507007-016A	Soil	7/1/05 10:02:00 AM	☐	A														
0507039-009	0507007-019A	Soil	7/1/05 10:24:00 AM	☐	A														
0507039-010	0507007-023A	Soil	7/1/05 10:45:00 AM	☐	A														
0507039-011	0507007-027A	Soil	7/1/05 11:00:00 AM	☐	A														
0507039-012	0507007-030A	Soil	7/1/05 11:14:00 AM	☐	A														
0507039-013	0507007-033A	Soil	7/1/05 11:30:00 AM	☐	A														
0507039-014	0507007-036A	Soil	7/1/05 11:50:00 AM	☐	A														
0507039-015	0507007-039A	Soil	7/1/05 12:07:00 PM	☐	A														

Test Legend:

1	OPB_S	2		3		4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Jul 13 2005 11:56AM McCAMPBELL ANALYTICAL 9257984612 P.4

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0507039 ClientID: TLI

Report to:		Bill to:		
Onyi Nwogu	TEL: 408-263-5258	Falguni	Requested TAT:	5 days
Torrent Laboratory, Inc.	FAX: 408-263-8293	Torrent Laboratory, Inc.		
483 Sinclair Frontage Road	ProjectNo: #0507007	483 Sinclair Frontage Road	*Date Received:*	07/05/2005
Milpitas, CA 95035	PO:	Milpitas, CA 95035	*Date Printed:*	07/13/2005

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0507039-017	0507007-045A	Soil	7/1/05 12:55:00 PM	☐	A														
0507039-018	0507007-048A	Soil	7/1/05 1:10:00 PM	☐	A														
0507039-019	0507007-051A	Soil	7/1/05 2:03:00 PM	☐	A														
0507039-020	0507007-054A	Soil	7/1/05 2:14:00 PM	☐	A														

Test Legend:

1 OPB_S	2	3	4	5
6	7	8	9	10
11	12	13	14	15

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone: 925-798-1620 Fax: 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Torrent Laboratory, Inc.	Client Project ID: #0507007	Date Sampled:	07/01/05
483 Sinclair Frontage Road		Date Received:	07/07/05
Milpitas, CA 95035	Client Contact: Onyi Nwogu	Date Extracted:	07/07/05
	Client P.O.:	Date Analyzed:	07/14/05

Analytical methods: HML 939-M

Organic Lead*

Work Order: 0507007

Lab ID	Client ID	Matrix	Tetraethyl Lead as Lead	DF	% SS
0507007-001A	0507007-042A	S	ND	1	N/A
0507007-002A	0507007-057A	S	0.22	20	N/A
0507007-003A	0507007-060A	S	0.20	10	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	0.01	mg/Kg

* Water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/Kg, wipe samples in µg/wipe, filter samples in µg/filter.

surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

[illegible]'s sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC [illegible] a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to [illegible] interferences; m) estimated value due to low/high surrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; [illegible] affected narrative.

ELAP Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR HML 939-M

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0507077

EPA Method: HML 939-M	Extraction: CA T22 CPT11 AP		BatchID: 17001			Spiked Sample ID: 0507039-018A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
Tetraethyl Lead as Lead	ND	0.026	81.5	75.5	7.60	105	105	0	75 - 125	85 - 115

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE.

BATCH 17001 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0507077-001A	7/01/05 12:35 PM	7/07/05	7/14/05 10:20 AM	0507077-002A	7/01/05 2:20 PM	7/07/05	7/14/05 6:23 PM
0507077-003A	7/01/05 2:31 PM	7/07/05	7/14/05 5:34 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.
110 2nd Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0507077 ClientID: TLI

Report to:
Onyi Nwogu
Torrent Laboratory, Inc.
483 Sinclair Frontage Road
Milpitas, CA 95035
TEL: 408-263-5258
FAX: 408-263-8293
ProjectNo: #0507007
PO:

Bill to:
Falguni
Torrent Laboratory, Inc.
483 Sinclair Frontage Road
Milpitas, CA 95035

Requested TAT: 5 days
Date Received: 07/07/2005
Date Printed: 07/07/2005

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0507077-001	0507007-042A	Soil	7/1/05 12:35:00 PM		A														
0507077-002	0507007-057A	Soil	7/1/05 2:20:00 PM		A														
0507077-003	0507007-060A	Soil	7/1/05 2:31:00 PM		A														

Test Legend:

1	QPB_S	2		3		4		5							
6		7		8		9		10							
11		12		13		14		15							

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

TORRENT LABORATORY, INC. — CHAIN OF CUSTODY

853 Sinclair Frontage Road, Milpitas, CA 95035
Phone: 408.263.5258 • FAX: 408.263.8293
www.torrentlab.com • email: analysis@torrentlab.com

WORK ORDER NO: 0507007

Company Name:	Torrent	Location of Sampling:	
Address:	As Above	Purpose:	
City:	State:	Zip Code:	Special Instructions / Comments: ** lower detection limits ezmppb
Telephone:	FAX:		
REPORT TO: Onyi Nwoga	SAMPLER:	P.O. #:	EMAIL: pm@torrentlab.com

TURNAROUND TIME:
- ☐ 10 Working Days ☐ 3 Working Days ☐ 2 - 8 Hours
- ☐ 7 Working Days ☐ 2 Working Days ☐ Other
- ☒ 5 Working Days ☐ 24 Hours

SAMPLE TYPE:
- ☐ Storm Water ☐ Other
- ☐ Waste Water
- ☐ Ground Water
- ☒ Soil

REPORT FORMAT:
- ☐ QC Level II
- ☐ EDF
- ☐ Excel / EDD

ANALYSIS REQUESTED: Total Organic Lead

	CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE		TORRENT'S SAMPLE I.D.
1.	0507007-001A	07-01-05 8:15	Soil	1	GLASS JAR	X	
2.	-005A	835				X	
3.	-006A	8:37				X	
4.	-008A	8:59				X	
5.	-009A	9:09				X	
6.	-010A	9:22				X	
7.	-013A	9:44				X	
8.	-016A	10:02				X	
9.	-019A	10:24				X	
10.	-023A	10:45				X	

ICE/T ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
PRESERVATION: VOAS | O&G | METALS | OTHER
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

TORRENT LAB

	Relinquished By:	Date:	Time:	Received By:	Date:	Time:
1	Onyi Nwoga	07-05-05	2100 pm		7/5/05	515
2	Relinquished By:	Date: 7/5/05	Time: 630	Received By:	Date: 7/6/05	Time: 0:54

Were Samples Received in Good Condition? ☐ Yes ☐ NO Samples on Ice? ☐ Yes ☐ NO Method of Shipment _____ Sample seals intact? ☐ Yes ☐ NO

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. By: Page 1 of 3

McCAMPBELL ANALYTICAL INC.
110 2nd Ave South, #D7, Pacheco, CA 94553-5560
Telephone: 925-798-1620 Fax: 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Date: 07-15-05

ATTN: Onyi Nwoga

Message: Results for 0507007 - 19A, 57A, 60A

FROM:

Number of pages faxed including this one: 6

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TORRENT LA
483 Sinclair Frontage Rd
Phone: 408.263.5258
www.torrentlab.com
Company Name:
Address: As
City:
Telephone:
REPORT TO: Onyi Nwoga
TURNAROUND TIME:
☐ 10 Working Days ☐ 3 Working Days
☐ 7 Working Days ☐ 2 Working Days
☒ 5 Working Days ☐ 24 Hours
CLIENT'S SAMPLE I.D.
1. 0507007-019A
2. -057A
3. -060A
4.
5.
6.
7.
8. ICE/T GOOD CONDITION HEAD SPACE ABSENT DECHLORINATED IN LAB PRESERVATION VOAS O&G
9.
10.
Relinquished By: Onyi Nwoga
2 Relinquished By:
Were Samples Received in Good Condition?
NOTE: Samples are discarded by the laboratory

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Environmental/Geotechnical/Engineering Services

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Fax: 714.441.3091

☐ **San Ramon Office**
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

CHAIN OF CUSTODY RECORD

Project Name: Giant Road
Job No.: 1424-40A
Report To: Peter Langtry
Sampler (print): Charles Mettler
Sampler (signature): CLC Mettler

Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED 0507007

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as (gas) (BTEX) Method: ☐8015/8021 ☒8260	TPH as (diesel) (8015M) ☒add silica gel ☒add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐6 ☐10 ☐17 CAM *Please filter water samples before preserve*	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	TOL (CHL-939-M)			Remarks
EB-2 0-1/2	7-1-05	8:15	001A	Soil	1		✓				✓				✓			
EB-2 2½-3		8:17	002A				✓				✓							
EB-2 3½-4		8:10	003A				✓				✓							
TP-5 3-3½		8:30	004A															hold
TP-5 5½-6		8:35	005A			✓	✓								✓			
TP-5 9-9½		8:37	006A			✓	✓								✓			
TP-6 3½-4		8:48	007A															hold
TP-6 5½-6		8:59	008A			✓	✓								✓			
TP-6 10½-11		9:09	009A			✓	✓								✓			
EB-6 0-1/2		9:22	010A				✓				✓				✓			
EB-6 2½-3		9:24	011A				✓				✓							
EB-6 5½-6	↓	9:27	012A	↓	↓		✓				✓							

Relinquished By:	Date: 7-1-05	Time: 17:00	Received By:	Date: 7/1/05	Time: 5:00pm	PM Initial:
Relinquished By:	Date: 7-1-05	Time: 6:20	Received By:	Date: 7/1	Time: 6:20	
Relinquished By:	Date:	Time:	Lab of Record:			Temp:
			Received by Lab:	Date:	Time:	

Logan, lkh 7/5/05

Logan penn 7/5/05 Page 1 of 6

TORRENT LAB
483 Sinclair Frontage Road
Phone: 408.263.5258 • FA
www.torrentlab.com • em

Company Name: 7
Address: As
City: St
Telephone: FA
REPORT TO: Qmj Nwogu

TURNAROUND TIME:
☐ 10 Working Days ☐ 3 Working Days
☐ 7 Working Days ☐ 2 Working Days
☒ 5 Working Days ☐ 24 Hours

	CLIENT'S SAMPLE I.D.	D#
1.	0507007-057A	9
2.	-060A	
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.	@ all samples w/	

1 Relinquished By: Qmj Nwogu
2 Relinquished By:

Were Samples Received in Good Condition?
NOTE: Samples are discarded by the lab

TORRENT LABORATORY, INC.
483 Sinclair Frontage Road, Milpitas, CA 95035
Phone: 408.263.5258 • FAX: 408.263.8293
www.torrentlab.com • email: analysis@torrentlab.com

CHAIN OF CUSTODY

LAB WORK ORDER NO 0507007

Company Name: Torrent
Address: As Above
City: State: Zip Code:
Telephone: FAX:
REPORT TO: Qmj Nwogu SAMPLER:
Location of Sampling:
Purpose:
Special Instructions / Comments: ~~x~~ Lower detection limits 2ppb
P.O. #: EMAIL: pm@torrentlab.com

TURNAROUND TIME:
☐ 10 Working Days ☐ 3 Working Days ☐ 2 - 8 Hours
☐ 7 Working Days ☐ 2 Working Days ☐ Other
☒ 5 Working Days ☐ 24 Hours

SAMPLE TYPE:
☐ Storm Water ☐ Other
☐ Waste Water
☐ Ground Water
☒ Soil

REPORT FORMAT:
☐ QC Level II
☐ EDF
☐ Excel / EDD

ANALYSIS REQUESTED: Total Oxygenates (5 Oxy) (8260)

	CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	Total Oxygenates (5 Oxy) (8260)	TORRENT'S SAMPLE I.D.
1.	0507007-027A	7-1-05 11:00	Soil	1	5 Glass VOA	X	
2.	-030A	11:14				X	
3.	-033A	11:30				X	
4.	-036A	11:58				X	
5.	-039A	12:07				X	
6.	-042A	12:35				X	
7.	-045A	12:55				X	
8.	-048A	13:10				X	
9.	-051A	14:03				X	
10.	-054A	14:14				X	

1 Relinquished By: Qmj Nwogu	Date: 07-05-05	Time: 2:00pm	Received By:	Date: 7/5/05	Time: 515
2 Relinquished By:	Date: 7/5/05	Time: 630	Received By:	Date: 7/5	Time: 6:16

Were Samples Received in Good Condition? ☐ Yes ☐ NO Samples on Ice? ☐ Yes ☐ NO Method of Shipment _____ Sample seals Intact? ☐ Yes ☐ NO
NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

TORRENT LAB

Jul 13 2005 11:54AM McCAMPBELL ANALYTICAL 9257984612 P.3

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San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

CHAIN OF CUSTODY RECORD

Project Name: Giant Road
Job No.: 1424-40
Report To: Peter Langtry
Sampler (print): Charles Mettler
Sampler (signature): C C Mettler

Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED 0507007

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: ☐8015/8021 ☐8260	TPH as diesel (8015M) ☐add silica gel column ☐add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☒17 CAM *Please filter water samples before preserve*	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	TOL (HVL-939-M)			Remarks
EB-10 3½-4	7-1-05	10:40	025A	soil	1													hold
EB-10 5½-6		10:47	026A				✓				✓							
LSB-12 0-½		11:00	027A				✓			✓	✓		✓	✓	✓			
LSB-12 2-2½		11:04	026A				✓				✓							
LSB-12 3½-4		10:59	029A															hold
LSB-13 0-½		11:14	030A				✓			✓	✓		✓	✓	✓			
LSB-13 2-2½		11:15	031A				✓				✓							
LSB-13 3½-4		11:20	032A															hold
LSB-14 0-½		11:30	033A				✓			✓	✓		✓	✓	✓			
LSB-14 2-2½		11:32	034A				✓				✓							
LSB-14 3½-4		11:35	035A															hold
LSB-15 0-½		11:50	036A				✓			✓	✓		✓	✓	✓			

Relinquished By: C C Mettler	Date: 7-1-05	Time: 17:00	Received By:	Date: 7/1/05	Time: 5:00pm
Relinquished By:	Date: 7.1.05	Time: 6:20	Received By:	Date: 7.1.05	Time: 6:20
Relinquished By:	Date:	Time:	Lab of Record:		
			Received by Lab:	Date:	Time:

PM Initial:
Temp:

Login: kk 7/5/05
Login Rev MSS Page 3 of 6

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San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

CHAIN OF CUSTODY RECORD

Project Name: Giant Road
Job No.: 1424-40
Report To: Peter Langtry
Sampler (print): Charles Mettler
Sampler (signature): C C Mettler

Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED 0507007

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: ☐8015/8021 ☐8260	TPH as diesel (8015M) ☐add silica gel column ☐add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☒17 CAM *Please filter water samples before preserve*	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	TOL (HVL-939-M)			Remarks
EB-7 0-½	7-1-05	9:44	013A	soil	1		✓				✓				✓			
EB-7 2½-3		9:39	014A				✓				✓							
EB-7 5½-6		9:46	015A				✓				✓							
EB-8 0-½		10:02	016A				✓			✓	✓		✓	✓	✓			
EB-8 2½-3		9:58	017A				✓				✓							
EB-8 5½-6		10:04	018A				✓				✓							
EB-9 0-½		10:24	019A				✓			✓	✓		✓	✓	✓			
EB-9 2-2½		10:21	020A				✓				✓							
EB-9 5½-6		10:29	021A				✓				✓							
EB-9 3½-4		10:16	022A															hold
EB-10 0-½		10:45	023A				✓			✓	✓		✓	✓	✓			
EB-10 2-2½		10:42	024A				✓				✓							

Relinquished By: C C Mettler	Date: 7-1-05	Time: 17:00	Received By:	Date: 7/1/05	Time: 5:00
Relinquished By:	Date: 7.1.05	Time: 6:20	Received By:	Date: 7.1.05	Time: 6:20 P
Relinquished By:	Date:	Time:	Lab of Record:		
			Received by Lab:	Date:	Time:

PM Initial:
Temp:

Login: 7/5/05 kk
Login Rev 7/5/05 Page 2 of 6

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CHAIN OF CUSTODY RECORD

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Fullerton 92835
Tel: 714.441.3090
Fax: 714.441.3091

☐ **San Ramon Office**
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

Project Name: Giant Road
Job No.: 1424-40A
Report To: Peter Langtry
Sampler (print): Charles Mettler
Sampler (signature): C C Mettler

Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED 0507007

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: ☐8015/8021 ☐8260	TPH as diesel (8015M) ☐add Oil Range ☐add silica gel column	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☐17 CAM *Please filter water samples before preserve*	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	TOL CHAL-939-M			Remarks
LSB-19 2-2½	7-1-05	13:12	049A	soil	1		✓				✓							
LSB-19 3½-4	"	13:05	050A	"	"													hold
LSB-20 0-½	"	14:03	051A	"	"		✓			✓	✓		✓	✓	✓			
LSB-20 2-2½	"	14:06	052A	"	"		✓				✓							
LSB-20 3½-4	"	14:00	053A	"	"													hold
LSB-21 0-½	"	14:14	054A	"	"		✓				✓				✓			
LSB-21 2½-2½	"	14:17	055A	"	"		✓				✓							
LSB-21 3½-4	"	14:10	056A	"	"													hold
LSB-22 0-½	"	14:20	057A	"	"		✓				✓				✓			
LSB-22 2-2½	"	14:27	058A	"	"		✓				✓							
LSB-22 3½-4	"	14:28	059A	"	"													hold
LSB-23 0-½	"	14:31	060A	"	"		✓				✓				✓			

Relinquished By: C C Mettler	Date: 7-1-05	Time: 17:00	Received By:	Date: 7/1/05 Time: 5:00pm
Relinquished By:	Date: 7-1-05	Time: 6:20	Received By:	Date: 7-1-05 Time: 6:20
Relinquished By:	Date:	Time:	Lab of Record:	
			Received by Lab:	Date: Time:

PM Initial:
Temp:

Login . kk 7/5/05

Login pwm 7/5/05 Page 5 of 6

LOWNEY ASSOCIATES
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CHAIN OF CUSTODY RECORD

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Fax: 714.441.3091

☐ **San Ramon Office**
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

Project Name: Giant Road
Job No.: 1424-40A
Report To: Peter Langtry
Sampler (print): Charles Mettler
Sampler (signature): C C Mettler

Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED 0507007

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: ☐8015/8021 ☐8260	TPH as diesel (8015M) ☐add Oil Range ☐add silica gel column	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☐17 CAM *Please filter water samples before preserve*	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	TOL CHAL-939-M			Remarks
LSB-15 2-2½	7-1-05	11:52	037A	soil	1		✓				✓							
LSB-15 3½-4	"	11:45	038A	"	"													hold
LSB-16 0-½	"	12:07	039A	"	"		✓			✓	✓		✓	✓	✓			
LSB-16 2-2½	"	12:10	040A	"	"		✓				✓							
LSB-16 3½-4	"	12:03	041A	"	"													hold
LSB-17 0-½	"	12:35	042A	"	"		✓				✓				✓			
LSB-17 2-2½	"	12:38	043A	"	"		✓				✓							
LSB-17 3½-4	"	12:32	044A	"	"													hold
LSB-18 0-½	"	12:55	045A	"	"		✓			✓	✓		✓	✓	✓			
LSB-18 2-2½	"	13:00	046A	"	"		✓				✓							
LSB-18 3½-4	"	12:58	047A	"	"													hold
LSB-19 0-½	"	13:10	048A	"	"		✓			✓	✓		✓	✓	✓			

Relinquished By: C C Mettler	Date: 7-1-05	Time: 17:00	Received By:	Date: 7/1/05 Time: 5:00pm
Relinquished By:	Date: 7-1-05	Time: 6:20	Received By:	Date: 7-1-05 Time: 6:20
Relinquished By:	Date:	Time:	Lab of Record:	
			Received by Lab:	Date: Time:

PM Initial:
Temp:

Login . kk 7/5/05

Login pwm 7/5/05 Page 4 of 6

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Fax: 714.441.3091

☐ **San Ramon Office**
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

CHAIN OF CUSTODY RECORD

Project Name: Giant Road
Job No.: 1424-40
Report To: Peter Langtry
Sampler (print): Charles Mettler
Sampler (signature): C C Mettler
Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☒ **5 Working Days**
☐ **48 Hours**
☐ **24 Hours**
☐ **2-3 Hours RUSH**
☐ _____

QC Requirement:
☒ **Level A (standard)**

ANALYSES REQUESTED 0507v07

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: ☐8015/8021 ☐8260	TPH as diesel (8015M) ☐add silica gel column ☐add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☒17 CAM ☐ *Please filter water samples before preserve*	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	*AS Leads to 5 by PLM	*pH		Remarks
LSB-23 2-2½	7-1-05	1441	061A	soil	1		✓				✓							
LSB-23 3½-4	"	1440	062A	"	"													holds
EB-10 (zip-lock bag)	"		063A	"	"						✓				✓	✓		holds
																		7/5/05
																		Note: Remove from hold per Peter Langtry 7/5/05
																		* 5 leads by 6010

Relinquished By: C C Mettler	Date: 7-1-05	Time: 17:00	Received By:	Date: 7/1/05	Time: 5:00PM
Relinquished By:	Date: 7-1-05	Time: 6:20	Received By:	Date: 7-1-05	Time: 6:20 P
Relinquished By:	Date:	Time:	Lab of Record:		
			Received by Lab:	Date:	Time:

PM Initial:
Temp:

Login: kk 7/5/05

Login Num 7151 Page 6 of 6

TORRENT LABORATORY, INC.
483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293
www.torrentlab.com email: analysis@torrentlab.com

July 14, 2005 (Re-issue)

Peter Langtry
Lowney Associates(Oakland)
167 Filbert St.
Oakland, CA 94607
TEL: 510-267-1970
FAX (510) 267-1972

RE: Report re-issued 7/14/05 to include all requested analyses.
Order No.: 0506119

Dear Peter Langtry:

Torrent Laboratory, Inc. received 61 samples on 6/30/2005 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc, is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,

Laboratory Director 7/14/05 Date

Patti Sandrock
QA Officer

TORRENT LABORATORY, INC.
483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293
www.torrentlab.com email: analysis@torrentlab.com

Torrent Laboratory, Inc. **Date:** *14-Jul-05*

CLIENT: Lowney Associates(Oakland)
Project:
Lab Order: 0506119

CASE NARRATIVE

Analytical Comments for METHOD TPH_GAS_S_8015B, SAMPLE 0506119-008A: Sample was rerun to confirm low surrogate recovey

Analytical Comments for METHOD TPH_GAS_S_8015B, SAMPLE 0506119-004A200X: Sample was rerun to confirm with similar result.

Analytical Comments for METHOD 8260_S, SAMPLE 0506119-013A: Surrogate recovery is outside the control limit due to matrix. Sample re-analyzed with similar result.

Analytical Comments for METHOD 8260_S, SAMPLE 0506119-016A: Surrogate recovery is outside control limit high bias but sample was Non Detect for those compounds associated with the surrogate. No corrective action is required.

General Analytical Comments for METHOD TPH_D/MO_S_8015B: Silica gel cleanup was employed to all samples. None of the sample chromatogram resemble typical diesel pattern. Hydrocarbons within diesel range quantitated as diesel. Diesel reporting limit increased in some of the samples due to dilution necessary for quantitation or high level of heavier hydrocarbons.

Analytical Notes for Total Organic Lead by HML 939-M: Analyses were performed by sub-contracted laboratory McCampbell Analytical Certificate # 1644.

Analytical Comment for 6010_S, Note:The % recoveries in the MS/MSD (Batch 1492) for Antimony and MSD for Beryllium, Copper, Molybdenum, Vanadium are outside of laboratory control limits but within % RPD limits and % recovery limits for the LCS/LCSD. No corrective action is required.

Analytical Comment for 6010_S, Note:The % recoveries in the MS/MSD (Batch 1497) for Vanadium and MSD for Arsenic are outside of laboratory control limits but within % RPD limits and % recovery limits for the LCS/LCSD. No corrective action is required.

Analytical Comments for METHOD 8081_S, SAMPLE 0506119-051AMS/MSD: Note: MS/MSD not applicable due to matrix interference.

Analytical Comments for METHOD PAH_SOIL_SIM, SAMPLE 0506119-045A, -046A, 050A, 053A: Note: Surrogates diluted out. Reporting limits increased due to matrix interference.

TORRENT LABORATORY, INC.
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www.torrentlab.com email: analysis@torrentlab.com

CLIENT: Lowney Associates(Oakland)
Project:
Lab Order: 0506119

CASE NARRATIVE

Analytical Comments for METHOD PAH_SOIL_SIM, SAMPLE 0506119-024A,-030A, 048A: Note: Reporting limits increased due to the nature of the sample matrix.

Analytical Comments for METHOD 8082_S, SAMPLE 0506119-045A, 050A: Note: Reporting limits increased due to matrix interference.

Analytical Comments for METHOD 8082_S, SAMPLE 0506119-051A, 055A, 056A, 057A: Note: Surrogate recovery of TCMX is bias low; recovery of second surrogate supports data quality.

Report re-issued 7/14/05 to include EPA 8081A, 8082A, PAH_SIM

TORRENT LABORATORY, INC.
483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293
Visit us at www.torrentlab.com email: analysis@torrentlab.com

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: TP-1 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-001
Date Prepared: 7/5/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/12/2005	2	40	80.0	975	mg/Kg	R6559
TPH (Oil)	SW8015B	7/12/2005	4	40	160	3860	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/12/2005	0	40	53.5-127	D*	%REC	R6559
*D= Diluted out								
TPH (Gasoline)	SW8015B	7/5/2005	0.1	1	0.100	1.23	mg/Kg	R6527
Surr: Trifluorotoluene	SW8015B	7/5/2005	0	1	44.7-125	81.8	%REC	R6527
Benzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Ethylbenzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Toluene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Xylenes, Total	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Surr: 4-Bromofluorobenzene	SW8260B	7/5/2005	0	1	65-135	97.2	%REC	R6523
Surr: Dibromofluoromethane	SW8260B	7/5/2005	0	1	65-135	130	%REC	R6523
Surr: Toluene-d8	SW8260B	7/5/2005	0	1	65-135	99.8	%REC	R6523

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: TP-1 31/2-4
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-002
Date Prepared: 7/5/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/10/2005	2	1	2.00	4.99	mg/Kg	R6559
TPH (Oil)	SW8015B	7/10/2005	4	1	4.00	49.1	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/10/2005	0	1	53.5-127	86.6	%REC	R6559
TPH (Gasoline)	SW8015B	7/5/2005	0.1	1	0.100	0.170	mg/Kg	R6527
Surr: Trifluorotoluene	SW8015B	7/5/2005	0	1	44.7-125	76.6	%REC	R6527
Benzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Ethylbenzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Toluene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Xylenes, Total	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Surr: 4-Bromofluorobenzene	SW8260B	7/5/2005	0	1	65-135	94.0	%REC	R6523
Surr: Dibromofluoromethane	SW8260B	7/5/2005	0	1	65-135	110	%REC	R6523
Surr: Toluene-d8	SW8260B	7/5/2005	0	1	65-135	108	%REC	R6523

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: TP-1 9-91/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-004
Date Prepared: 7/11/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/12/2005	2	100	200	4620	mg/Kg	R6559
TPH (Oil)	SW8015B	7/12/2005	4	100	400	1840	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/12/2005	0	100	53.5-127	*D	%REC	R6559
*D= Diluted out								
TPH (Gasoline)	SW8015B	7/11/2005	0.1	200	20.0	170	mg/Kg	R6565
Surr: Trifluorotoluene	SW8015B	7/11/2005	0	200	44.7-125	205	%REC	R6565
Sample was rerun to confirm the same result								
Benzene	SW8260B	7/11/2005	10	100	1000	ND	µg/Kg	R6594
Ethylbenzene	SW8260B	7/11/2005	10	100	1000	ND	µg/Kg	R6594
Toluene	SW8260B	7/11/2005	10	100	1000	ND	µg/Kg	R6594
Xylenes, Total	SW8260B	7/11/2005	10	100	1000	ND	µg/Kg	R6594
Surr: 4-Bromofluorobenzene	SW8260B	7/11/2005	0	100	65-135	93.8	%REC	R6594
Surr: Dibromofluoromethane	SW8260B	7/11/2005	0	100	65-135	98.2	%REC	R6594
Surr: Toluene-d8	SW8260B	7/11/2005	0	100	65-135	107	%REC	R6594

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: TP-2 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-005
Date Prepared: 7/5/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/12/2005	2	2	4.00	18.4	mg/Kg	R6559
TPH (Oil)	SW8015B	7/12/2005	4	2	8.00	122	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/12/2005	0	2	53.5-127	70.0	%REC	R6559
TPH (Gasoline)	SW8015B	7/5/2005	0.1	1	0.100	0.316	mg/Kg	R6527
Surr: Trifluorotoluene	SW8015B	7/5/2005	0	1	44.7-125	63.8	%REC	R6527
Benzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Ethylbenzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Toluene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Xylenes, Total	SW8260B	7/5/2005	10	1	10	12	µg/Kg	R6523
Surr: 4-Bromofluorobenzene	SW8260B	7/5/2005	0	1	65-135	73.0	%REC	R6523
Surr: Dibromofluoromethane	SW8260B	7/5/2005	0	1	65-135	145	%REC	R6523
Surr: Toluene-d8	SW8260B	7/5/2005	0	1	65-135	92.8	%REC	R6523

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: TP-2 31/2-4
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-006
Date Prepared: 7/5/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/10/2005	2	1	2.00	4.73	mg/Kg	R6559
TPH (Oil)	SW8015B	7/10/2005	4	1	4.00	19.7	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/10/2005	0	1	53.5-127	97.3	%REC	R6559
TPH (Gasoline)	SW8015B	7/5/2005	0.1	1	0.100	0.120	mg/Kg	R6527
Surr: Trifluorotoluene	SW8015B	7/5/2005	0	1	44.7-125	49.4	%REC	R6527
Benzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Ethylbenzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Toluene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Xylenes, Total	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Surr: 4-Bromofluorobenzene	SW8260B	7/5/2005	0	1	65-135	75.2	%REC	R6523
Surr: Dibromofluoromethane	SW8260B	7/5/2005	0	1	65-135	152	%REC	R6523
Surr: Toluene-d8	SW8260B	7/5/2005	0	1	65-135	99.8	%REC	R6523

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: TP-2 71/2-8
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-008
Date Prepared: 7/5/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/12/2005	2	2	4.00	26.9	mg/Kg	R6559
TPH (Oil)	SW8015B	7/12/2005	4	2	8.00	158	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/12/2005	0	2	53.5-127	109	%REC	R6559
TPH (Gasoline)	SW8015B	7/6/2005	0.1	1	0.100	ND	mg/Kg	R6527
Surr: Trifluorotoluene	SW8015B	7/6/2005	0	1	44.7-125	18.0	%REC	R6527
Sample was rerun to confirm low surrogate recovey								
Benzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Ethylbenzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Toluene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Xylenes, Total	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Surr: 4-Bromofluorobenzene	SW8260B	7/5/2005	0	1	65-135	80.4	%REC	R6523
Surr: Dibromofluoromethane	SW8260B	7/5/2005	0	1	65-135	103	%REC	R6523
Surr: Toluene-d8	SW8260B	7/5/2005	0	1	65-135	102	%REC	R6523

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: TP-3 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-009
Date Prepared: 7/5/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/12/2005	2	25	50.0	199	mg/Kg	R6559
TPH (Oil)	SW8015B	7/12/2005	4	25	100	1880	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/12/2005	0	25	53.5-127	176	%REC	R6559
Note: Surrogate recovery falls outside the control limit possibly due to matrix interference.								
TPH (Gasoline)	SW8015B	7/6/2005	0.1	1	0.100	ND	mg/Kg	R6527
Surr: Trifluorotoluene	SW8015B	7/6/2005	0	1	44.7-125	63.0	%REC	R6527
Benzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Ethylbenzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Toluene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Xylenes, Total	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Surr: 4-Bromofluorobenzene	SW8260B	7/5/2005	0	1	65-135	72.4	%REC	R6523
Surr: Dibromofluoromethane	SW8260B	7/5/2005	0	1	65-135	105	%REC	R6523
Surr: Toluene-d8	SW8260B	7/5/2005	0	1	65-135	94.6	%REC	R6523

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: TP-3 31/2-4
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-010
Date Prepared: 7/5/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/10/2005	2	1	2.00	2.20	mg/Kg	R6559
TPH (Oil)	SW8015B	7/10/2005	4	1	4.00	32.6	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/10/2005	0	1	53.5-127	101	%REC	R6559
TPH (Gasoline)	SW8015B	7/8/2005	0.1	1	0.100	ND	mg/Kg	R6565
Surr: Trifluorotoluene	SW8015B	7/8/2005	0	1	44.7-125	50.9	%REC	R6565
Benzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Ethylbenzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Toluene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Xylenes, Total	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Surr: 4-Bromofluorobenzene	SW8260B	7/5/2005	0	1	65-135	87.4	%REC	R6523
Surr: Dibromofluoromethane	SW8260B	7/5/2005	0	1	65-135	116	%REC	R6523
Surr: Toluene-d8	SW8260B	7/5/2005	0	1	65-135	107	%REC	R6523

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: TP-3 91/2-10
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-012
Date Prepared: 7/5/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/12/2005	2	50	100	2180	mg/Kg	R6559
TPH (Oil)	SW8015B	7/12/2005	4	50	200	1200	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/12/2005	0	50	53.5-127	112	%REC	R6559
TPH (Gasoline)	SW8015B	7/6/2005	0.1	100	10.0	21.9	mg/Kg	R6527
Surr: Trifluorotoluene	SW8015B	7/6/2005	0	100	44.7-125	110	%REC	R6527
Benzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Ethylbenzene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Toluene	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Xylenes, Total	SW8260B	7/5/2005	10	1	10	ND	µg/Kg	R6523
Surr: 4-Bromofluorobenzene	SW8260B	7/5/2005	0	1	65-135	153	%REC	R6523
Surr: Dibromofluoromethane	SW8260B	7/5/2005	0	1	65-135	121	%REC	R6523
Surr: Toluene-d8	SW8260B	7/5/2005	0	1	65-135	96.0	%REC	R6523

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: TP-4 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-013
Date Prepared: 7/6/2005-7/10/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/12/2005	2	100	200	5220	mg/Kg	R6559
TPH (Oil)	SW8015B	7/12/2005	4	100	400	1890	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/12/2005	0	100	53.5-127	97.0	%REC	R6559
TPH (Gasoline)	SW8015B	7/11/2005	0.1	100	10.0	103	mg/Kg	R6572
Surr: Trifluorotoluene	SW8015B	7/11/2005	0	100	44.7-125	122	%REC	R6572
Benzene	SW8260B	7/8/2005	10	5	50	ND	µg/Kg	R6561
Ethylbenzene	SW8260B	7/8/2005	10	5	50	ND	µg/Kg	R6561
Toluene	SW8260B	7/8/2005	10	5	50	ND	µg/Kg	R6561
Xylenes, Total	SW8260B	7/8/2005	10	5	50	ND	µg/Kg	R6561
Surr: 4-Bromofluorobenzene	SW8260B	7/8/2005	0	5	65-135	0	%REC	R6561
Surr: Dibromofluoromethane	SW8260B	7/8/2005	0	5	65-135	118	%REC	R6561
Surr: Toluene-d8	SW8260B	7/8/2005	0	5	65-135	97.8	%REC	R6561

Surrogate recovery out side the control limit due to matrix. Sample re-analyzed with similar results.

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: TP-4 31/2-4
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-014
Date Prepared: 7/6/2005-7/8/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/12/2005	2	50	100	600	mg/Kg	R6559
TPH (Oil)	SW8015B	7/12/2005	4	50	200	3530	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/12/2005	0	50	53.5-127	D*	%REC	R6559
*D= Diluted out								
TPH (Gasoline)	SW8015B	7/8/2005	0.1	100	10.0	55.0	mg/Kg	R6565
Surr: Trifluorotoluene	SW8015B	7/8/2005	0	100	44.7-125	119	%REC	R6565
Benzene	SW8260B	7/8/2005	10	5	50	ND	µg/Kg	R6561
Ethylbenzene	SW8260B	7/8/2005	10	5	50	ND	µg/Kg	R6561
Toluene	SW8260B	7/8/2005	10	5	50	ND	µg/Kg	R6561
Xylenes, Total	SW8260B	7/8/2005	10	5	50	ND	µg/Kg	R6561
Surr: 4-Bromofluorobenzene	SW8260B	7/8/2005	0	5	65-135	122	%REC	R6561
Surr: Dibromofluoromethane	SW8260B	7/8/2005	0	5	65-135	121	%REC	R6561
Surr: Toluene-d8	SW8260B	7/8/2005	0	5	65-135	90.6	%REC	R6561

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: TP-4 9-91/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-016
Date Prepared: 7/6/2005-7/8/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Diesel)	SW8015B	7/12/2005	2	100	200	5750	mg/Kg	R6559
TPH (Oil)	SW8015B	7/12/2005	4	100	400	1940	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/12/2005	0	100	53.5-127	106	%REC	R6559
TPH (Gasoline)	SW8015B	7/8/2005	0.1	100	10.0	66.4	mg/Kg	R6565
Surr: Trifluorotoluene	SW8015B	7/8/2005	0	100	44.7-125	94.4	%REC	R6565
Benzene	SW8260B	7/8/2005	10	5	50	ND	µg/Kg	R6561
Ethylbenzene	SW8260B	7/8/2005	10	5	50	ND	µg/Kg	R6561
Toluene	SW8260B	7/8/2005	10	5	50	ND	µg/Kg	R6561
Xylenes, Total	SW8260B	7/8/2005	10	5	50	ND	µg/Kg	R6561
Surr: 4-Bromofluorobenzene	SW8260B	7/8/2005	0	5	65-135	148	%REC	R6561
Surr: Dibromofluoromethane	SW8260B	7/8/2005	0	5	65-135	113	%REC	R6561
Surr: Toluene-d8	SW8260B	7/8/2005	0	5	65-135	105	%REC	R6561

Surrogate bias high. Sample is ND (Non Detect).

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-1 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-017
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/7/2005	3	1	3.0	ND	mg/Kg	1492
Arsenic	SW6010B	7/7/2005	1.747	1	1.7	ND	mg/Kg	1492
Barium	SW6010B	7/7/2005	3	1	3.0	150	mg/Kg	1492
Beryllium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Cadmium	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Chromium	SW6010B	7/7/2005	0.5	1	0.50	18	mg/Kg	1492
Cobalt	SW6010B	7/7/2005	0.5	1	0.50	10	mg/Kg	1492
Copper	SW6010B	7/7/2005	0.5	1	0.50	19	mg/Kg	1492
Lead	SW6010B	7/7/2005	0.368	1	0.37	16	mg/Kg	1492
Molybdenum	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Nickel	SW6010B	7/7/2005	0.5	1	0.50	23	mg/Kg	1492
Selenium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Silver	SW6010B	7/7/2005	1	1	1.0	ND	mg/Kg	1492
Thallium	SW6010B	7/7/2005	5	1	5.0	ND	mg/Kg	1492
Vanadium	SW6010B	7/7/2005	2	1	2.0	29	mg/Kg	1492
Zinc	SW6010B	7/7/2005	4	1	4.0	52	mg/Kg	1492
Mercury	SW7471A	7/5/2005	0.1	1	0.10	0.13	mg/Kg	1479
TPH (Diesel)	SW8015B	7/10/2005	2	1	2.00	7.92	mg/Kg	R6559
TPH (Oil)	SW8015B	7/10/2005	4	1	4.00	115	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/10/2005	0	1	53.5-127	99.0	%REC	R6559

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-1 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-018
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/7/2005	3	1	3.0	ND	mg/Kg	1492
Arsenic	SW6010B	7/7/2005	1.747	1	1.7	ND	mg/Kg	1492
Barium	SW6010B	7/7/2005	3	1	3.0	130	mg/Kg	1492
Beryllium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Cadmium	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Chromium	SW6010B	7/7/2005	0.5	1	0.50	29	mg/Kg	1492
Cobalt	SW6010B	7/7/2005	0.5	1	0.50	9.3	mg/Kg	1492
Copper	SW6010B	7/7/2005	0.5	1	0.50	20	mg/Kg	1492
Lead	SW6010B	7/7/2005	0.368	1	0.37	13	mg/Kg	1492
Molybdenum	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Nickel	SW6010B	7/7/2005	0.5	1	0.50	41	mg/Kg	1492
Selenium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Silver	SW6010B	7/7/2005	1	1	1.0	ND	mg/Kg	1492
Thallium	SW6010B	7/7/2005	5	1	5.0	ND	mg/Kg	1492
Vanadium	SW6010B	7/7/2005	2	1	2.0	27	mg/Kg	1492
Zinc	SW6010B	7/7/2005	4	1	4.0	62	mg/Kg	1492
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1479
TPH (Diesel)	SW8015B	7/10/2005	2	1	2.00	ND	mg/Kg	R6559
TPH (Oil)	SW8015B	7/10/2005	4	1	4.00	88.3	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/10/2005	0	1	53.5-127	94.5	%REC	R6559

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-1 51/2-6
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-019
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/7/2005	3	1	3.0	ND	mg/Kg	1492
Arsenic	SW6010B	7/7/2005	1.747	1	1.7	ND	mg/Kg	1492
Barium	SW6010B	7/7/2005	3	1	3.0	120	mg/Kg	1492
Beryllium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Cadmium	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Chromium	SW6010B	7/7/2005	0.5	1	0.50	32	mg/Kg	1492
Cobalt	SW6010B	7/7/2005	0.5	1	0.50	7.8	mg/Kg	1492
Copper	SW6010B	7/7/2005	0.5	1	0.50	24	mg/Kg	1492
Lead	SW6010B	7/7/2005	0.368	1	0.37	20	mg/Kg	1492
Molybdenum	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Nickel	SW6010B	7/7/2005	0.5	1	0.50	38	mg/Kg	1492
Selenium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Silver	SW6010B	7/7/2005	1	1	1.0	ND	mg/Kg	1492
Thallium	SW6010B	7/7/2005	5	1	5.0	ND	mg/Kg	1492
Vanadium	SW6010B	7/7/2005	2	1	2.0	28	mg/Kg	1492
Zinc	SW6010B	7/9/2005	4	10	40	1700	mg/Kg	1492
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1479
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	9.90	mg/Kg	R6559
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	30.6	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	91.2	%REC	R6559

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-2 51/2-6
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-023
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/7/2005	3	1	3.0	ND	mg/Kg	1492
Arsenic	SW6010B	7/7/2005	1.747	1	1.7	ND	mg/Kg	1492
Barium	SW6010B	7/7/2005	3	1	3.0	94	mg/Kg	1492
Beryllium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Cadmium	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Chromium	SW6010B	7/7/2005	0.5	1	0.50	28	mg/Kg	1492
Cobalt	SW6010B	7/7/2005	0.5	1	0.50	6.8	mg/Kg	1492
Copper	SW6010B	7/7/2005	0.5	1	0.50	12	mg/Kg	1492
Lead	SW6010B	7/7/2005	0.368	1	0.37	4.2	mg/Kg	1492
Molybdenum	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Nickel	SW6010B	7/7/2005	0.5	1	0.50	34	mg/Kg	1492
Selenium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Silver	SW6010B	7/7/2005	1	1	1.0	ND	mg/Kg	1492
Thallium	SW6010B	7/7/2005	5	1	5.0	ND	mg/Kg	1492
Vanadium	SW6010B	7/7/2005	2	1	2.0	23	mg/Kg	1492
Zinc	SW6010B	7/7/2005	4	1	4.0	30	mg/Kg	1492
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1479
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	ND	mg/Kg	R6559
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	8.41	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	88.4	%REC	R6559

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-3 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-024
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/7/2005	3	1	3.0	ND	mg/Kg	1492
Arsenic	SW6010B	7/7/2005	1.747	1	1.7	ND	mg/Kg	1492
Barium	SW6010B	7/7/2005	3	1	3.0	150	mg/Kg	1492
Beryllium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Cadmium	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Chromium	SW6010B	7/7/2005	0.5	1	0.50	16	mg/Kg	1492
Cobalt	SW6010B	7/7/2005	0.5	1	0.50	11	mg/Kg	1492
Copper	SW6010B	7/7/2005	0.5	1	0.50	17	mg/Kg	1492
Lead	SW6010B	7/7/2005	0.368	1	0.37	15	mg/Kg	1492
Molybdenum	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Nickel	SW6010B	7/7/2005	0.5	1	0.50	25	mg/Kg	1492
Selenium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Silver	SW6010B	7/7/2005	1	1	1.0	ND	mg/Kg	1492
Thallium	SW6010B	7/7/2005	5	1	5.0	ND	mg/Kg	1492
Vanadium	SW6010B	7/7/2005	2	1	2.0	28	mg/Kg	1492
Zinc	SW6010B	7/7/2005	4	1	4.0	57	mg/Kg	1492
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1479
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	2.77	mg/Kg	R6559
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	57.3	mg/Kg	R6559
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	96.8	%REC	R6559

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-3 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-024
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4'-DDD	SW8081A	7/8/2005	2	1	2.0	2.4	µg/Kg	R6530
4,4'-DDE	SW8081A	7/8/2005	2	1	2.0	2.8	µg/Kg	R6530
4,4'-DDT	SW8081A	7/8/2005	2	1	2.0	14	µg/Kg	R6530
Aldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
beta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Chlordane	SW8081A	7/8/2005	50	1	50	ND	µg/Kg	R6530
delta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Dieldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan I	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan II	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan sulfate	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin aldehyde	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin ketone	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor epoxide	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Methoxychlor	SW8081A	7/8/2005	5	1	5.0	ND	µg/Kg	R6530
Toxaphene	SW8081A	7/8/2005	100	1	100	ND	µg/Kg	R6530
Surr: Decachlorobiphenyl	SW8081A	7/8/2005	0	1	67.1-112	89.7	%REC	R6530
Surr: Tetrachloro-m-xylene	SW8081A	7/8/2005	0	1	65.7-114	0	%REC	R6530
Aroclor 1016	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1221	SW8082	7/10/2005	0.2	1	0.20	ND	mg/Kg	R6568
Aroclor 1232	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1242	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1248	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1254	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1260	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Surr: Decachlorobiphenyl	SW8082	7/10/2005	0	1	66.8-130	113	%REC	R6568
Surr: Tetrachloro-m-xylene	SW8082	7/10/2005	0	1	65.3-133	75.4	%REC	R6568

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-3 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-024
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Acenaphthene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Acenaphthylene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Anthracene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Benz(a)anthracene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Benzo(g,h,i)perylene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Benzo[a]pyrene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Benzo[b]fluoranthene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Benzo[k]fluoranthene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Chrysene	SW8270C	7/5/2005	0.066	10	0.66	ND	mg/Kg	R6605
Dibenz(a,h)anthracene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Fluoranthene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Fluorene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Indeno(1,2,3-cd)pyrene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Naphthalene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Phenanthrene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Pyrene	SW8270C	7/5/2005	0.033	10	0.33	ND	mg/Kg	R6605
Surr: 2-Fluorobiphenyl	SW8270C	7/5/2005	0	10	23-125	54.0	%REC	R6605
Surr: p-Terphenyl-d14	SW8270C	7/5/2005	0	10	30-135	116	%REC	R6605

Note: Reporting limits increased due to the nature of the sample matrix.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-3 2/12-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-025
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/7/2005	3	1	3.0	ND	mg/Kg	1492
Arsenic	SW6010B	7/7/2005	1.747	1	1.7	ND	mg/Kg	1492
Barium	SW6010B	7/7/2005	3	1	3.0	110	mg/Kg	1492
Beryllium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Cadmium	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Chromium	SW6010B	7/7/2005	0.5	1	0.50	29	mg/Kg	1492
Cobalt	SW6010B	7/7/2005	0.5	1	0.50	8.5	mg/Kg	1492
Copper	SW6010B	7/7/2005	0.5	1	0.50	16	mg/Kg	1492
Lead	SW6010B	7/7/2005	0.368	1	0.37	6.6	mg/Kg	1492
Molybdenum	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Nickel	SW6010B	7/7/2005	0.5	1	0.50	37	mg/Kg	1492
Selenium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Silver	SW6010B	7/7/2005	1	1	1.0	ND	mg/Kg	1492
Thallium	SW6010B	7/7/2005	5	1	5.0	ND	mg/Kg	1492
Vanadium	SW6010B	7/7/2005	2	1	2.0	27	mg/Kg	1492
Zinc	SW6010B	7/7/2005	4	1	4.0	40	mg/Kg	1492
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1479
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	ND	mg/Kg	R6584
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	7.87	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	88.8	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-3 51/2-6
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-026
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/7/2005	3	1	3.0	ND	mg/Kg	1492
Arsenic	SW6010B	7/7/2005	1.747	1	1.7	ND	mg/Kg	1492
Barium	SW6010B	7/7/2005	3	1	3.0	100	mg/Kg	1492
Beryllium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Cadmium	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Chromium	SW6010B	7/7/2005	0.5	1	0.50	23	mg/Kg	1492
Cobalt	SW6010B	7/7/2005	0.5	1	0.50	7.7	mg/Kg	1492
Copper	SW6010B	7/7/2005	0.5	1	0.50	11	mg/Kg	1492
Lead	SW6010B	7/7/2005	0.368	1	0.37	4.0	mg/Kg	1492
Molybdenum	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Nickel	SW6010B	7/7/2005	0.5	1	0.50	31	mg/Kg	1492
Selenium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Silver	SW6010B	7/7/2005	1	1	1.0	ND	mg/Kg	1492
Thallium	SW6010B	7/7/2005	5	1	5.0	ND	mg/Kg	1492
Vanadium	SW6010B	7/7/2005	2	1	2.0	23	mg/Kg	1492
Zinc	SW6010B	7/7/2005	4	1	4.0	27	mg/Kg	1492
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1479
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	ND	mg/Kg	R6584
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	23.8	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	92.9	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-4 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-027
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/7/2005	3	1	3.0	ND	mg/Kg	1492
Arsenic	SW6010B	7/7/2005	1.747	1	1.7	ND	mg/Kg	1492
Barium	SW6010B	7/7/2005	3	1	3.0	93	mg/Kg	1492
Beryllium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Cadmium	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Chromium	SW6010B	7/7/2005	0.5	1	0.50	22	mg/Kg	1492
Cobalt	SW6010B	7/7/2005	0.5	1	0.50	15	mg/Kg	1492
Copper	SW6010B	7/7/2005	0.5	1	0.50	36	mg/Kg	1492
Lead	SW6010B	7/7/2005	0.368	1	0.37	79	mg/Kg	1492
Molybdenum	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Nickel	SW6010B	7/7/2005	0.5	1	0.50	53	mg/Kg	1492
Selenium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Silver	SW6010B	7/7/2005	1	1	1.0	ND	mg/Kg	1492
Thallium	SW6010B	7/7/2005	5	1	5.0	ND	mg/Kg	1492
Vanadium	SW6010B	7/7/2005	2	1	2.0	66	mg/Kg	1492
Zinc	SW6010B	7/7/2005	4	1	4.0	140	mg/Kg	1492
Mercury	SW7471A	7/5/2005	0.1	1	0.10	0.80	mg/Kg	1480
TPH (Diesel)	SW8015B	7/12/2005	2	5	10.0	ND	mg/Kg	R6584
TPH (Oil)	SW8015B	7/12/2005	4	5	20.0	275	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/12/2005	0	5	53.5-127	103	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-4 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-028
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/7/2005	3	1	3.0	ND	mg/Kg	1492
Arsenic	SW6010B	7/7/2005	1.747	1	1.7	ND	mg/Kg	1492
Barium	SW6010B	7/7/2005	3	1	3.0	79	mg/Kg	1492
Beryllium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Cadmium	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Chromium	SW6010B	7/7/2005	0.5	1	0.50	18	mg/Kg	1492
Cobalt	SW6010B	7/7/2005	0.5	1	0.50	6.2	mg/Kg	1492
Copper	SW6010B	7/7/2005	0.5	1	0.50	21	mg/Kg	1492
Lead	SW6010B	7/7/2005	0.368	1	0.37	31	mg/Kg	1492
Molybdenum	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Nickel	SW6010B	7/7/2005	0.5	1	0.50	27	mg/Kg	1492
Selenium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Silver	SW6010B	7/7/2005	1	1	1.0	ND	mg/Kg	1492
Thallium	SW6010B	7/7/2005	5	1	5.0	ND	mg/Kg	1492
Vanadium	SW6010B	7/7/2005	2	1	2.0	17	mg/Kg	1492
Zinc	SW6010B	7/7/2005	4	1	4.0	57	mg/Kg	1492
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1480
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	2.04	mg/Kg	R6584
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	38.6	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	101	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-4 51/2-6
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-029
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/7/2005	3	1	3.0	ND	mg/Kg	1492
Arsenic	SW6010B	7/7/2005	1.747	1	1.7	ND	mg/Kg	1492
Barium	SW6010B	7/7/2005	3	1	3.0	110	mg/Kg	1492
Beryllium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Cadmium	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Chromium	SW6010B	7/7/2005	0.5	1	0.50	25	mg/Kg	1492
Cobalt	SW6010B	7/7/2005	0.5	1	0.50	7.2	mg/Kg	1492
Copper	SW6010B	7/7/2005	0.5	1	0.50	19	mg/Kg	1492
Lead	SW6010B	7/7/2005	0.368	1	0.37	5.1	mg/Kg	1492
Molybdenum	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Nickel	SW6010B	7/7/2005	0.5	1	0.50	33	mg/Kg	1492
Selenium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Silver	SW6010B	7/7/2005	1	1	1.0	ND	mg/Kg	1492
Thallium	SW6010B	7/7/2005	5	1	5.0	ND	mg/Kg	1492
Vanadium	SW6010B	7/7/2005	2	1	2.0	20	mg/Kg	1492
Zinc	SW6010B	7/7/2005	4	1	4.0	44	mg/Kg	1492
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1480
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	ND	mg/Kg	R6584
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	11.4	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	104	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-5 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-030
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/7/2005	3	1	3.0	ND	mg/Kg	1492
Arsenic	SW6010B	7/7/2005	1.747	1	1.7	ND	mg/Kg	1492
Barium	SW6010B	7/7/2005	3	1	3.0	160	mg/Kg	1492
Beryllium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Cadmium	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Chromium	SW6010B	7/7/2005	0.5	1	0.50	22	mg/Kg	1492
Cobalt	SW6010B	7/7/2005	0.5	1	0.50	12	mg/Kg	1492
Copper	SW6010B	7/7/2005	0.5	1	0.50	22	mg/Kg	1492
Lead	SW6010B	7/7/2005	0.368	1	0.37	24	mg/Kg	1492
Molybdenum	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Nickel	SW6010B	7/7/2005	0.5	1	0.50	29	mg/Kg	1492
Selenium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Silver	SW6010B	7/7/2005	1	1	1.0	ND	mg/Kg	1492
Thallium	SW6010B	7/7/2005	5	1	5.0	ND	mg/Kg	1492
Vanadium	SW6010B	7/7/2005	2	1	2.0	33	mg/Kg	1492
Zinc	SW6010B	7/7/2005	4	1	4.0	67	mg/Kg	1492
Mercury	SW7471A	7/5/2005	0.1	1	0.10	0.18	mg/Kg	1480
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	ND	mg/Kg	R6584
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	26.5	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	97.6	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-5 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-030
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4'-DDD	SW8081A	7/8/2005	2	1	2.0	6.0	µg/Kg	R6530
4,4'-DDE	SW8081A	7/8/2005	2	1	2.0	18	µg/Kg	R6530
4,4'-DDT	SW8081A	7/8/2005	2	1	2.0	24	µg/Kg	R6530
Aldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
beta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Chlordane	SW8081A	7/8/2005	50	1	50	ND	µg/Kg	R6530
delta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Dieldrin	SW8081A	7/8/2005	2	1	2.0	5.9	µg/Kg	R6530
Endosulfan I	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan II	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan sulfate	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin aldehyde	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin ketone	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor epoxide	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Methoxychlor	SW8081A	7/8/2005	5	1	5.0	ND	µg/Kg	R6530
Toxaphene	SW8081A	7/8/2005	100	1	100	ND	µg/Kg	R6530
Surr: Decachlorobiphenyl	SW8081A	7/8/2005	0	1	67.1-112	92.6	%REC	R6530
Surr: Tetrachloro-m-xylene	SW8081A	7/8/2005	0	1	65.7-114	86.6	%REC	R6530
Aroclor 1016	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1221	SW8082	7/10/2005	0.2	1	0.20	ND	mg/Kg	R6568
Aroclor 1232	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1242	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1248	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1254	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1260	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Surr: Decachlorobiphenyl	SW8082	7/10/2005	0	1	66.8-130	112	%REC	R6568
Surr: Tetrachloro-m-xylene	SW8082	7/10/2005	0	1	65.3-133	72.8	%REC	R6568

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-5 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-030
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Acenaphthene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Acenaphthylene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Anthracene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Benz(a)anthracene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Benzo(g,h,i)perylene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Benzo[a]pyrene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Benzo[b]fluoranthene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Benzo[k]fluoranthene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Chrysene	SW8270C	7/8/2005	0.066	10	0.66	ND	mg/Kg	R6605
Dibenz(a,h)anthracene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Fluoranthene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Fluorene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Indeno(1,2,3-cd)pyrene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Naphthalene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Phenanthrene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Pyrene	SW8270C	7/8/2005	0.033	10	0.33	ND	mg/Kg	R6605
Surr: 2-Fluorobiphenyl	SW8270C	7/8/2005	0	10	23-125	43.0	%REC	R6605
Surr: p-Terphenyl-d14	SW8270C	7/8/2005	0	10	30-135	116	%REC	R6605

Note: Reporting limits increased due to the nature of the sample matrix.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-5 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-031
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/7/2005	3	1	3.0	ND	mg/Kg	1492
Arsenic	SW6010B	7/7/2005	1.747	1	1.7	ND	mg/Kg	1492
Barium	SW6010B	7/7/2005	3	1	3.0	210	mg/Kg	1492
Beryllium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Cadmium	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Chromium	SW6010B	7/7/2005	0.5	1	0.50	25	mg/Kg	1492
Cobalt	SW6010B	7/7/2005	0.5	1	0.50	12	mg/Kg	1492
Copper	SW6010B	7/7/2005	0.5	1	0.50	23	mg/Kg	1492
Lead	SW6010B	7/7/2005	0.368	1	0.37	27	mg/Kg	1492
Molybdenum	SW6010B	7/7/2005	0.5	1	0.50	ND	mg/Kg	1492
Nickel	SW6010B	7/7/2005	0.5	1	0.50	30	mg/Kg	1492
Selenium	SW6010B	7/7/2005	2	1	2.0	ND	mg/Kg	1492
Silver	SW6010B	7/7/2005	1	1	1.0	ND	mg/Kg	1492
Thallium	SW6010B	7/7/2005	5	1	5.0	ND	mg/Kg	1492
Vanadium	SW6010B	7/7/2005	2	1	2.0	17	mg/Kg	1492
Zinc	SW6010B	7/7/2005	4	1	4.0	87	mg/Kg	1492
Mercury	SW7471A	7/5/2005	0.1	1	0.10	0.27	mg/Kg	1480
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	ND	mg/Kg	R6584
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	8.96	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	83.6	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: EB-5 51/2-6
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-032
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/9/2005	3	1	3.0	ND	mg/Kg	1497
Arsenic	SW6010B	7/9/2005	1.747	1	1.7	ND	mg/Kg	1497
Barium	SW6010B	7/9/2005	3	1	3.0	100	mg/Kg	1497
Beryllium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Cadmium	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Chromium	SW6010B	7/9/2005	0.5	1	0.50	24	mg/Kg	1497
Cobalt	SW6010B	7/9/2005	0.5	1	0.50	8.3	mg/Kg	1497
Copper	SW6010B	7/9/2005	0.5	1	0.50	13	mg/Kg	1497
Lead	SW6010B	7/9/2005	0.368	1	0.37	6.2	mg/Kg	1497
Molybdenum	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Nickel	SW6010B	7/9/2005	0.5	1	0.50	35	mg/Kg	1497
Selenium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Silver	SW6010B	7/9/2005	1	1	1.0	ND	mg/Kg	1497
Thallium	SW6010B	7/9/2005	5	1	5.0	ND	mg/Kg	1497
Vanadium	SW6010B	7/9/2005	2	1	2.0	24	mg/Kg	1497
Zinc	SW6010B	7/9/2005	4	1	4.0	30	mg/Kg	1497
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1480
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	ND	mg/Kg	R6584
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	ND	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	102	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-5 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-045
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/9/2005	3	1	3.0	ND	mg/Kg	1497
Arsenic	SW6010B	7/9/2005	1.747	1	1.7	ND	mg/Kg	1497
Barium	SW6010B	7/9/2005	3	1	3.0	140	mg/Kg	1497
Beryllium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Cadmium	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Chromium	SW6010B	7/9/2005	0.5	1	0.50	14	mg/Kg	1497
Cobalt	SW6010B	7/9/2005	0.5	1	0.50	8.0	mg/Kg	1497
Copper	SW6010B	7/9/2005	0.5	1	0.50	22	mg/Kg	1497
Lead	SW6010B	7/9/2005	0.368	1	0.37	17	mg/Kg	1497
Molybdenum	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Nickel	SW6010B	7/9/2005	0.5	1	0.50	21	mg/Kg	1497
Selenium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Silver	SW6010B	7/9/2005	1	1	1.0	ND	mg/Kg	1497
Thallium	SW6010B	7/9/2005	5	1	5.0	ND	mg/Kg	1497
Vanadium	SW6010B	7/9/2005	2	1	2.0	24	mg/Kg	1497
Zinc	SW6010B	7/9/2005	4	1	4.0	51	mg/Kg	1497
Mercury	SW7471A	7/5/2005	0.1	1	0.10	0.13	mg/Kg	1480
TPH (Diesel)	SW8015B	7/12/2005	2	5	10.0	18.6	mg/Kg	R6584
TPH (Oil)	SW8015B	7/12/2005	4	5	20.0	419	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/12/2005	0	5	53.5-127	110	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-5 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-045
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
4,4´-DDE	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
4,4´-DDT	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Aldrin	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
alpha-BHC	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
alpha-Chlordane	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
beta-BHC	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Chlordane	SW8081A	7/8/2005	50	10	500	ND	µg/Kg	R6530
delta-BHC	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Dieldrin	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Endosulfan I	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Endosulfan II	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Endosulfan sulfate	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Endrin	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Endrin aldehyde	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Endrin ketone	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
gamma-BHC	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
gamma-Chlordane	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Heptachlor	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Heptachlor epoxide	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Methoxychlor	SW8081A	7/8/2005	5	10	50	ND	µg/Kg	R6530
Toxaphene	SW8081A	7/8/2005	100	10	1000	ND	µg/Kg	R6530
Surr: Decachlorobiphenyl	SW8081A	7/8/2005	0	10	67.1-112	106	%REC	R6530
Surr: Tetrachloro-m-xylene	SW8081A	7/8/2005	0	10	65.7-114	125	%REC	R6530

Note: Reporting limits increased due to matrix interference. Surrogate recovery of TCMX is bias high; recovery of second surrogate supports data quality.

Aroclor 1016	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1221	SW8082	7/10/2005	1	1	1.0	ND	mg/Kg	R6568
Aroclor 1232	SW8082	7/10/2005	0.5	1	0.50	ND	mg/Kg	R6568
Aroclor 1242	SW8082	7/10/2005	0.5	1	0.50	ND	mg/Kg	R6568
Aroclor 1248	SW8082	7/10/2005	0.5	1	0.50	ND	mg/Kg	R6568
Aroclor 1254	SW8082	7/10/2005	0.5	1	0.50	ND	mg/Kg	R6568
Aroclor 1260	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Surr: Decachlorobiphenyl	SW8082	7/10/2005	0	1	66.8-130	103	%REC	R6568
Surr: Tetrachloro-m-xylene	SW8082	7/10/2005	0	1	65.3-133	72.5	%REC	R6568

Note: Reporting limits increased due to matrix interference.

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-5 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-045
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Acenaphthene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Acenaphthylene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Anthracene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Benz(a)anthracene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Benzo(g,h,i)perylene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Benzo[a]pyrene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Benzo[b]fluoranthene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Benzo[k]fluoranthene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Chrysene	SW8270C	7/8/2005	0.066	250	16	ND	mg/Kg	R6605
Dibenz(a,h)anthracene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Fluoranthene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Fluorene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Indeno(1,2,3-cd)pyrene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Naphthalene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Phenanthrene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Pyrene	SW8270C	7/8/2005	0.033	250	8.2	ND	mg/Kg	R6605
Surr: 2-Fluorobiphenyl	SW8270C	7/8/2005	0	250	23-125	D	%REC	R6605
Surr: p-Terphenyl-d14	SW8270C	7/8/2005	0	250	30-135	D	%REC	R6605

Note: Surrogates diluted out. Reporting limits increased due to the nature of the sample matrix.

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-5 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-046
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/9/2005	3	1	3.0	ND	mg/Kg	1497
Arsenic	SW6010B	7/9/2005	1.747	1	1.7	ND	mg/Kg	1497
Barium	SW6010B	7/9/2005	3	1	3.0	34	mg/Kg	1497
Beryllium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Cadmium	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Chromium	SW6010B	7/9/2005	0.5	1	0.50	11	mg/Kg	1497
Cobalt	SW6010B	7/9/2005	0.5	1	0.50	5.8	mg/Kg	1497
Copper	SW6010B	7/9/2005	0.5	1	0.50	24	mg/Kg	1497
Lead	SW6010B	7/9/2005	0.368	1	0.37	50	mg/Kg	1497
Molybdenum	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Nickel	SW6010B	7/9/2005	0.5	1	0.50	14	mg/Kg	1497
Selenium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Silver	SW6010B	7/9/2005	1	1	1.0	ND	mg/Kg	1497
Thallium	SW6010B	7/9/2005	5	1	5.0	ND	mg/Kg	1497
Vanadium	SW6010B	7/9/2005	2	1	2.0	13	mg/Kg	1497
Zinc	SW6010B	7/9/2005	4	1	4.0	76	mg/Kg	1497
Mercury	SW7471A	7/5/2005	0.1	1	0.10	0.13	mg/Kg	1480
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	3.09	mg/Kg	R6584
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	83.0	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	92.4	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-5 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-046
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/8/2005	2	1	2.0	8.1	µg/Kg	R6530
4,4´-DDE	SW8081A	7/8/2005	2	1	2.0	4.9	µg/Kg	R6530
4,4´-DDT	SW8081A	7/8/2005	2	1	2.0	2.3	µg/Kg	R6530
Aldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
beta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Chlordane	SW8081A	7/8/2005	50	1	50	ND	µg/Kg	R6530
delta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Dieldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan I	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan II	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan sulfate	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin aldehyde	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin ketone	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor epoxide	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Methoxychlor	SW8081A	7/8/2005	5	1	5.0	ND	µg/Kg	R6530
Toxaphene	SW8081A	7/8/2005	100	1	100	ND	µg/Kg	R6530
Surr: Decachlorobiphenyl	SW8081A	7/8/2005	0	1	67.1-112	71.4	%REC	R6530
Surr: Tetrachloro-m-xylene	SW8081A	7/8/2005	0	1	65.7-114	84.4	%REC	R6530
Aroclor 1016	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1221	SW8082	7/10/2005	0.2	1	0.20	ND	mg/Kg	R6568
Aroclor 1232	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1242	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1248	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1254	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1260	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Surr: Decachlorobiphenyl	SW8082	7/10/2005	0	1	66.8-130	111	%REC	R6568
Surr: Tetrachloro-m-xylene	SW8082	7/10/2005	0	1	65.3-133	69.2	%REC	R6568

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-5 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-046
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Acenaphthene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Acenaphthylene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Anthracene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Benz(a)anthracene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Benzo(g,h,i)perylene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Benzo[a]pyrene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Benzo[b]fluoranthene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Benzo[k]fluoranthene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Chrysene	SW8270C	7/8/2005	0.066	50	3.3	ND	mg/Kg	R6605
Dibenz(a,h)anthracene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Fluoranthene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Fluorene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Indeno(1,2,3-cd)pyrene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Naphthalene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Phenanthrene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Pyrene	SW8270C	7/8/2005	0.033	50	1.6	ND	mg/Kg	R6605
Surr: 2-Fluorobiphenyl	SW8270C	7/8/2005	0	50	23-125	D	%REC	R6605
Surr: p-Terphenyl-d14	SW8270C	7/8/2005	0	50	30-135	D	%REC	R6605

Note: Surrogates diluted out. Reporting limits increased due to the nature of the sample matrix.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-6 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-048
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/9/2005	3	1	3.0	ND	mg/Kg	1497
Arsenic	SW6010B	7/9/2005	1.747	1	1.7	ND	mg/Kg	1497
Barium	SW6010B	7/9/2005	3	1	3.0	94	mg/Kg	1497
Beryllium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Cadmium	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Chromium	SW6010B	7/9/2005	0.5	1	0.50	22	mg/Kg	1497
Cobalt	SW6010B	7/9/2005	0.5	1	0.50	16	mg/Kg	1497
Copper	SW6010B	7/9/2005	0.5	1	0.50	34	mg/Kg	1497
Lead	SW6010B	7/9/2005	0.368	1	0.37	110	mg/Kg	1497
Molybdenum	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Nickel	SW6010B	7/9/2005	0.5	1	0.50	29	mg/Kg	1497
Selenium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Silver	SW6010B	7/9/2005	1	1	1.0	ND	mg/Kg	1497
Thallium	SW6010B	7/9/2005	5	1	5.0	ND	mg/Kg	1497
Vanadium	SW6010B	7/9/2005	2	1	2.0	30	mg/Kg	1497
Zinc	SW6010B	7/9/2005	4	1	4.0	100	mg/Kg	1497
Mercury	SW7471A	7/5/2005	0.1	1	0.10	0.42	mg/Kg	1480
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	ND	mg/Kg	R6584
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	55.7	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	99.6	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-6 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-048
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/8/2005	2	1	2.0	51	µg/Kg	R6530
4,4´-DDE	SW8081A	7/8/2005	2	1	2.0	22	µg/Kg	R6530
4,4´-DDT	SW8081A	7/8/2005	2	1	2.0	7.5	µg/Kg	R6530
Aldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
beta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Chlordane	SW8081A	7/8/2005	50	1	50	ND	µg/Kg	R6530
delta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Dieldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan I	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan II	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan sulfate	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin aldehyde	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin ketone	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor epoxide	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Methoxychlor	SW8081A	7/8/2005	5	1	5.0	ND	µg/Kg	R6530
Toxaphene	SW8081A	7/8/2005	100	1	100	ND	µg/Kg	R6530
Surr: Decachlorobiphenyl	SW8081A	7/8/2005	0	1	67.1-112	67.9	%REC	R6530
Surr: Tetrachloro-m-xylene	SW8081A	7/8/2005	0	1	65.7-114	72.9	%REC	R6530
Aroclor 1016	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1221	SW8082	7/10/2005	0.2	1	0.20	ND	mg/Kg	R6568
Aroclor 1232	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1242	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1248	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1254	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1260	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Surr: Decachlorobiphenyl	SW8082	7/10/2005	0	1	66.8-130	104	%REC	R6568
Surr: Tetrachloro-m-xylene	SW8082	7/10/2005	0	1	65.3-133	97.2	%REC	R6568

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-6 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-048
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Acenaphthene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Acenaphthylene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Anthracene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Benz(a)anthracene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Benzo(g,h,i)perylene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Benzo[a]pyrene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Benzo[b]fluoranthene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Benzo[k]fluoranthene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Chrysene	SW8270C	7/8/2005	0.066	20	1.3	ND	mg/Kg	R6605
Dibenz(a,h)anthracene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Fluoranthene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Fluorene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Indeno(1,2,3-cd)pyrene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Naphthalene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Phenanthrene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Pyrene	SW8270C	7/8/2005	0.033	20	0.66	ND	mg/Kg	R6605
Surr: 2-Fluorobiphenyl	SW8270C	7/8/2005	0	20	23-125	66.0	%REC	R6605
Surr: p-Terphenyl-d14	SW8270C	7/8/2005	0	20	30-135	108	%REC	R6605

Note: Reporting limits increased due to the nature of the sample matrix.

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-6 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-049
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/9/2005	3	1	3.0	ND	mg/Kg	1497
Arsenic	SW6010B	7/9/2005	1.747	1	1.7	ND	mg/Kg	1497
Barium	SW6010B	7/9/2005	3	1	3.0	110	mg/Kg	1497
Beryllium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Cadmium	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Chromium	SW6010B	7/9/2005	0.5	1	0.50	25	mg/Kg	1497
Cobalt	SW6010B	7/9/2005	0.5	1	0.50	8.7	mg/Kg	1497
Copper	SW6010B	7/9/2005	0.5	1	0.50	14	mg/Kg	1497
Lead	SW6010B	7/9/2005	0.368	1	0.37	6.1	mg/Kg	1497
Molybdenum	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Nickel	SW6010B	7/9/2005	0.5	1	0.50	34	mg/Kg	1497
Selenium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Silver	SW6010B	7/9/2005	1	1	1.0	ND	mg/Kg	1497
Thallium	SW6010B	7/9/2005	5	1	5.0	ND	mg/Kg	1497
Vanadium	SW6010B	7/9/2005	2	1	2.0	24	mg/Kg	1497
Zinc	SW6010B	7/9/2005	4	1	4.0	42	mg/Kg	1497
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1480
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	ND	mg/Kg	R6584
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	10.2	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	95.4	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-6 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-049
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
4,4´-DDE	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
4,4´-DDT	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Aldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
beta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Chlordane	SW8081A	7/8/2005	50	1	50	ND	µg/Kg	R6530
delta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Dieldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan I	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan II	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan sulfate	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin aldehyde	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin ketone	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor epoxide	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Methoxychlor	SW8081A	7/8/2005	5	1	5.0	ND	µg/Kg	R6530
Toxaphene	SW8081A	7/8/2005	100	1	100	ND	µg/Kg	R6530
Surr: Decachlorobiphenyl	SW8081A	7/8/2005	0	1	67.1-112	72.5	%REC	R6530
Surr: Tetrachloro-m-xylene	SW8081A	7/8/2005	0	1	65.7-114	87.1	%REC	R6530
Aroclor 1016	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1221	SW8082	7/10/2005	0.2	1	0.20	ND	mg/Kg	R6568
Aroclor 1232	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1242	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1248	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1254	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1260	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Surr: Decachlorobiphenyl	SW8082	7/10/2005	0	1	66.8-130	108	%REC	R6568
Surr: Tetrachloro-m-xylene	SW8082	7/10/2005	0	1	65.3-133	74.7	%REC	R6568

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-6 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-049
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Acenaphthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Acenaphthylene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benz(a)anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo(g,h,i)perylene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[a]pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[b]fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[k]fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Chrysene	SW8270C	7/8/2005	0.066	1	0.066	ND	mg/Kg	R6605
Dibenz(a,h)anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Fluorene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Indeno(1,2,3-cd)pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Naphthalene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Phenanthrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Surr: 2-Fluorobiphenyl	SW8270C	7/8/2005	0	1	23-125	66.0	%REC	R6605
Surr: p-Terphenyl-d14	SW8270C	7/8/2005	0	1	30-135	118	%REC	R6605

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-7 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-050
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/9/2005	3	1	3.0	ND	mg/Kg	1497
Arsenic	SW6010B	7/9/2005	1.747	1	1.7	ND	mg/Kg	1497
Barium	SW6010B	7/9/2005	3	1	3.0	110	mg/Kg	1497
Beryllium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Cadmium	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Chromium	SW6010B	7/9/2005	0.5	1	0.50	50	mg/Kg	1497
Cobalt	SW6010B	7/9/2005	0.5	1	0.50	47	mg/Kg	1497
Copper	SW6010B	7/9/2005	0.5	1	0.50	31	mg/Kg	1497
Lead	SW6010B	7/9/2005	0.368	1	0.37	66	mg/Kg	1497
Molybdenum	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Nickel	SW6010B	7/9/2005	0.5	1	0.50	100	mg/Kg	1497
Selenium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Silver	SW6010B	7/9/2005	1	1	1.0	ND	mg/Kg	1497
Thallium	SW6010B	7/9/2005	5	1	5.0	ND	mg/Kg	1497
Vanadium	SW6010B	7/9/2005	2	1	2.0	28	mg/Kg	1497
Zinc	SW6010B	7/9/2005	4	1	4.0	130	mg/Kg	1497
Mercury	SW7471A	7/5/2005	0.1	1	0.10	0.40	mg/Kg	1480
TPH (Diesel)	SW8015B	7/12/2005	2	5	10.0	18.4	mg/Kg	R6584
TPH (Oil)	SW8015B	7/12/2005	4	5	20.0	374	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/12/2005	0	5	53.5-127	110	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-7 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-050
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
4,4´-DDE	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
4,4´-DDT	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Aldrin	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
alpha-BHC	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
alpha-Chlordane	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
beta-BHC	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Chlordane	SW8081A	7/8/2005	50	10	500	ND	µg/Kg	R6530
delta-BHC	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Dieldrin	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Endosulfan I	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Endosulfan II	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Endosulfan sulfate	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Endrin	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Endrin aldehyde	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Endrin ketone	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
gamma-BHC	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
gamma-Chlordane	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Heptachlor	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Heptachlor epoxide	SW8081A	7/8/2005	2	10	20	ND	µg/Kg	R6530
Methoxychlor	SW8081A	7/8/2005	5	10	50	ND	µg/Kg	R6530
Toxaphene	SW8081A	7/8/2005	100	10	1000	ND	µg/Kg	R6530
Surr: Decachlorobiphenyl	SW8081A	7/8/2005	0	10	67.1-112	85.4	%REC	R6530
Surr: Tetrachloro-m-xylene	SW8081A	7/8/2005	0	10	65.7-114	106	%REC	R6530

Note: Reporting limits increased due to matrix interference.

Aroclor 1016	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1221	SW8082	7/10/2005	1	1	1.0	ND	mg/Kg	R6568
Aroclor 1232	SW8082	7/10/2005	0.5	1	0.50	ND	mg/Kg	R6568
Aroclor 1242	SW8082	7/10/2005	0.5	1	0.50	ND	mg/Kg	R6568
Aroclor 1248	SW8082	7/10/2005	0.5	1	0.50	ND	mg/Kg	R6568
Aroclor 1254	SW8082	7/10/2005	0.5	1	0.50	ND	mg/Kg	R6568
Aroclor 1260	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Surr: Decachlorobiphenyl	SW8082	7/10/2005	0	1	66.8-130	86.0	%REC	R6568
Surr: Tetrachloro-m-xylene	SW8082	7/10/2005	0	1	65.3-133	131	%REC	R6568

Note: Reporting limits increased due to matrix interference.

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-7 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-050
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Acenaphthene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Acenaphthylene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Anthracene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Benz(a)anthracene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Benzo(g,h,i)perylene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Benzo[a]pyrene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Benzo[b]fluoranthene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Benzo[k]fluoranthene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Chrysene	SW8270C	7/9/2005	0.066	250	16	ND	mg/Kg	R6605
Dibenz(a,h)anthracene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Fluoranthene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Fluorene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Indeno(1,2,3-cd)pyrene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Naphthalene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Phenanthrene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Pyrene	SW8270C	7/9/2005	0.033	250	8.2	ND	mg/Kg	R6605
Surr: 2-Fluorobiphenyl	SW8270C	7/9/2005	0	250	23-125	D	%REC	R6605
Surr: p-Terphenyl-d14	SW8270C	7/9/2005	0	250	30-135	D	%REC	R6605

Note: Surrogates diluted out. Reporting limits increased due to the nature of the sample matrix.

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-7 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-051
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/9/2005	3	1	3.0	ND	mg/Kg	1497
Arsenic	SW6010B	7/9/2005	1.747	1	1.7	ND	mg/Kg	1497
Barium	SW6010B	7/9/2005	3	1	3.0	150	mg/Kg	1497
Beryllium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Cadmium	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Chromium	SW6010B	7/9/2005	0.5	1	0.50	9.3	mg/Kg	1497
Cobalt	SW6010B	7/9/2005	0.5	1	0.50	11	mg/Kg	1497
Copper	SW6010B	7/9/2005	0.5	1	0.50	7.0	mg/Kg	1497
Lead	SW6010B	7/9/2005	0.368	1	0.37	10	mg/Kg	1497
Molybdenum	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Nickel	SW6010B	7/9/2005	0.5	1	0.50	13	mg/Kg	1497
Selenium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Silver	SW6010B	7/9/2005	1	1	1.0	ND	mg/Kg	1497
Thallium	SW6010B	7/9/2005	5	1	5.0	ND	mg/Kg	1497
Vanadium	SW6010B	7/9/2005	2	1	2.0	25	mg/Kg	1497
Zinc	SW6010B	7/9/2005	4	1	4.0	28	mg/Kg	1497
Mercury	SW7471A	7/5/2005	0.1	1	0.10	0.15	mg/Kg	1480
TPH (Diesel)	SW8015B	7/12/2005	2	2	4.00	104	mg/Kg	R6584
TPH (Oil)	SW8015B	7/12/2005	4	2	8.00	158	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/12/2005	0	2	53.5-127	87.3	%REC	R6584

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-7 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-051
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
4,4´-DDE	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
4,4´-DDT	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
Aldrin	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-BHC	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-Chlordane	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
beta-BHC	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
Chlordane	SW8081A	7/6/2005	50	1	50	ND	µg/Kg	R6530
delta-BHC	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
Dieldrin	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan I	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan II	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan sulfate	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin aldehyde	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin ketone	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-BHC	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-Chlordane	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor epoxide	SW8081A	7/6/2005	2	1	2.0	ND	µg/Kg	R6530
Methoxychlor	SW8081A	7/6/2005	5	1	5.0	ND	µg/Kg	R6530
Toxaphene	SW8081A	7/6/2005	100	1	100	ND	µg/Kg	R6530
Surr: Decachlorobiphenyl	SW8081A	7/6/2005	0	1	67.1-112	77.6	%REC	R6530
Surr: Tetrachloro-m-xylene	SW8081A	7/6/2005	0	1	65.7-114	70.2	%REC	R6530
Aroclor 1016	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1221	SW8082	7/10/2005	0.2	1	0.20	ND	mg/Kg	R6568
Aroclor 1232	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1242	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1248	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1254	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1260	SW8082	7/10/2005	0.1	1	0.10	ND	mg/Kg	R6568
Surr: Decachlorobiphenyl	SW8082	7/10/2005	0	1	66.8-130	91.4	%REC	R6568
Surr: Tetrachloro-m-xylene	SW8082	7/10/2005	0	1	65.3-133	56.8	%REC	R6568

Note: Surrogate recovery of TCMX is bias low; recovery of second surrogate supports data quality.

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-7 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-051
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Acenaphthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Acenaphthylene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benz(a)anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo(g,h,i)perylene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[a]pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[b]fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[k]fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Chrysene	SW8270C	7/8/2005	0.066	1	0.066	ND	mg/Kg	R6605
Dibenz(a,h)anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Fluorene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Indeno(1,2,3-cd)pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Naphthalene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Phenanthrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Surr: 2-Fluorobiphenyl	SW8270C	7/8/2005	0	1	23-125	70.4	%REC	R6605
Surr: p-Terphenyl-d14	SW8270C	7/8/2005	0	1	30-135	101	%REC	R6605

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-8 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-053
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/9/2005	3	1	3.0	ND	mg/Kg	1497
Arsenic	SW6010B	7/9/2005	1.747	1	1.7	ND	mg/Kg	1497
Barium	SW6010B	7/9/2005	3	1	3.0	220	mg/Kg	1497
Beryllium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Cadmium	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Chromium	SW6010B	7/9/2005	0.5	1	0.50	15	mg/Kg	1497
Cobalt	SW6010B	7/9/2005	0.5	1	0.50	11	mg/Kg	1497
Copper	SW6010B	7/9/2005	0.5	1	0.50	10	mg/Kg	1497
Lead	SW6010B	7/9/2005	0.368	1	0.37	10	mg/Kg	1497
Molybdenum	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Nickel	SW6010B	7/9/2005	0.5	1	0.50	19	mg/Kg	1497
Selenium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Silver	SW6010B	7/9/2005	1	1	1.0	ND	mg/Kg	1497
Thallium	SW6010B	7/9/2005	5	1	5.0	ND	mg/Kg	1497
Vanadium	SW6010B	7/9/2005	2	1	2.0	29	mg/Kg	1497
Zinc	SW6010B	7/9/2005	4	1	4.0	38	mg/Kg	1497
Mercury	SW7471A	7/5/2005	0.1	1	0.10	0.13	mg/Kg	1480
TPH (Diesel)	SW8015B	7/12/2005	2	2	4.00	ND	mg/Kg	R6584
TPH (Oil)	SW8015B	7/12/2005	4	2	8.00	146	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/12/2005	0	2	53.5-127	86.3	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-8 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-053
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
4,4´-DDE	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
4,4´-DDT	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Aldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
beta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Chlordane	SW8081A	7/8/2005	50	1	50	ND	µg/Kg	R6530
delta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Dieldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan I	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan II	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan sulfate	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin aldehyde	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin ketone	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor epoxide	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Methoxychlor	SW8081A	7/8/2005	5	1	5.0	ND	µg/Kg	R6530
Toxaphene	SW8081A	7/8/2005	100	1	100	ND	µg/Kg	R6530
Surr: Decachlorobiphenyl	SW8081A	7/8/2005	0	1	67.1-112	108	%REC	R6530
Surr: Tetrachloro-m-xylene	SW8081A	7/8/2005	0	1	65.7-114	84.1	%REC	R6530
Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6568
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	98.3	%REC	R6568
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	66.0	%REC	R6568

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-8 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-053
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Acenaphthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Acenaphthylene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Anthracene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Benz(a)anthracene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Benzo(g,h,i)perylene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Benzo[a]pyrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Benzo[b]fluoranthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Benzo[k]fluoranthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Chrysene	SW8270C	7/9/2005	0.066	50	3.3	ND	mg/Kg	R6605
Dibenz(a,h)anthracene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Fluoranthene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Fluorene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Indeno(1,2,3-cd)pyrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Naphthalene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Phenanthrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Pyrene	SW8270C	7/9/2005	0.033	50	1.6	ND	mg/Kg	R6605
Surr: 2-Fluorobiphenyl	SW8270C	7/9/2005	0	50	23-125	D	%REC	R6605
Surr: p-Terphenyl-d14	SW8270C	7/9/2005	0	50	30-135	D	%REC	R6605

Note: Surrogates diluted out. Reporting limits increased due to the nature of the sample matrix.

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-8 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-054
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/9/2005	3	1	3.0	ND	mg/Kg	1497
Arsenic	SW6010B	7/9/2005	1.747	1	1.7	ND	mg/Kg	1497
Barium	SW6010B	7/9/2005	3	1	3.0	150	mg/Kg	1497
Beryllium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Cadmium	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Chromium	SW6010B	7/9/2005	0.5	1	0.50	32	mg/Kg	1497
Cobalt	SW6010B	7/9/2005	0.5	1	0.50	10	mg/Kg	1497
Copper	SW6010B	7/9/2005	0.5	1	0.50	15	mg/Kg	1497
Lead	SW6010B	7/9/2005	0.368	1	0.37	6.8	mg/Kg	1497
Molybdenum	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Nickel	SW6010B	7/9/2005	0.5	1	0.50	40	mg/Kg	1497
Selenium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Silver	SW6010B	7/9/2005	1	1	1.0	ND	mg/Kg	1497
Thallium	SW6010B	7/9/2005	5	1	5.0	ND	mg/Kg	1497
Vanadium	SW6010B	7/9/2005	2	1	2.0	34	mg/Kg	1497
Zinc	SW6010B	7/9/2005	4	1	4.0	40	mg/Kg	1497
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1480
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	7.68	mg/Kg	R6584
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	28.5	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	103	%REC	R6584

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-8 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-054
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
4,4´-DDE	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
4,4´-DDT	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Aldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
beta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Chlordane	SW8081A	7/8/2005	50	1	50	ND	µg/Kg	R6530
delta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Dieldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan I	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan II	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan sulfate	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin aldehyde	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin ketone	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor epoxide	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Methoxychlor	SW8081A	7/8/2005	5	1	5.0	ND	µg/Kg	R6530
Toxaphene	SW8081A	7/8/2005	100	1	100	ND	µg/Kg	R6530
Surr: Decachlorobiphenyl	SW8081A	7/8/2005	0	1	67.1-112	70.8	%REC	R6530
Surr: Tetrachloro-m-xylene	SW8081A	7/8/2005	0	1	65.7-114	89.4	%REC	R6530
Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6568
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	105	%REC	R6568
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	70.5	%REC	R6568

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-8 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-054
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Acenaphthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Acenaphthylene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benz(a)anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo(g,h,i)perylene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[a]pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[b]fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[k]fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Chrysene	SW8270C	7/8/2005	0.066	1	0.066	ND	mg/Kg	R6605
Dibenz(a,h)anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Fluorene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Indeno(1,2,3-cd)pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Naphthalene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Phenanthrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Surr: 2-Fluorobiphenyl	SW8270C	7/8/2005	0	1	23-125	40.1	%REC	R6605
Surr: p-Terphenyl-d14	SW8270C	7/8/2005	0	1	30-135	90.2	%REC	R6605

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-9 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-055
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/9/2005	3	1	3.0	ND	mg/Kg	1497
Arsenic	SW6010B	7/9/2005	1.747	1	1.7	ND	mg/Kg	1497
Barium	SW6010B	7/9/2005	3	1	3.0	110	mg/Kg	1497
Beryllium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Cadmium	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Chromium	SW6010B	7/9/2005	0.5	1	0.50	26	mg/Kg	1497
Cobalt	SW6010B	7/9/2005	0.5	1	0.50	8.7	mg/Kg	1497
Copper	SW6010B	7/9/2005	0.5	1	0.50	20	mg/Kg	1497
Lead	SW6010B	7/9/2005	0.368	1	0.37	17	mg/Kg	1497
Molybdenum	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Nickel	SW6010B	7/9/2005	0.5	1	0.50	37	mg/Kg	1497
Selenium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Silver	SW6010B	7/9/2005	1	1	1.0	ND	mg/Kg	1497
Thallium	SW6010B	7/9/2005	5	1	5.0	ND	mg/Kg	1497
Vanadium	SW6010B	7/9/2005	2	1	2.0	25	mg/Kg	1497
Zinc	SW6010B	7/9/2005	4	1	4.0	55	mg/Kg	1497
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1480
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	ND	mg/Kg	R6584
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	11.9	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	103	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-9 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-055
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
4,4´-DDE	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
4,4´-DDT	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Aldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
beta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Chlordane	SW8081A	7/8/2005	50	1	50	ND	µg/Kg	R6530
delta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Dieldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan I	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan II	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan sulfate	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin aldehyde	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin ketone	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor epoxide	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Methoxychlor	SW8081A	7/8/2005	5	1	5.0	ND	µg/Kg	R6530
Toxaphene	SW8081A	7/8/2005	100	1	100	ND	µg/Kg	R6530
Surr: Decachlorobiphenyl	SW8081A	7/8/2005	0	1	67.1-112	79.7	%REC	R6530
Surr: Tetrachloro-m-xylene	SW8081A	7/8/2005	0	1	65.7-114	87.6	%REC	R6530
Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6568
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	94.8	%REC	R6568
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	61.9	%REC	R6568

Note: Surrogate recovery of TCMX is bias low; recovery of second surrogate supports data quality.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-9 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-055
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Acenaphthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Acenaphthylene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benz(a)anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo(g,h,i)perylene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[a]pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[b]fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[k]fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Chrysene	SW8270C	7/8/2005	0.066	1	0.066	ND	mg/Kg	R6605
Dibenz(a,h)anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Fluorene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Indeno(1,2,3-cd)pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Naphthalene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Phenanthrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Surr: 2-Fluorobiphenyl	SW8270C	7/8/2005	0	1	23-125	42.3	%REC	R6605
Surr: p-Terphenyl-d14	SW8270C	7/8/2005	0	1	30-135	107	%REC	R6605

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-9 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-056
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/9/2005	3	1	3.0	ND	mg/Kg	1497
Arsenic	SW6010B	7/9/2005	1.747	1	1.7	ND	mg/Kg	1497
Barium	SW6010B	7/9/2005	3	1	3.0	120	mg/Kg	1497
Beryllium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Cadmium	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Chromium	SW6010B	7/9/2005	0.5	1	0.50	28	mg/Kg	1497
Cobalt	SW6010B	7/9/2005	0.5	1	0.50	8.6	mg/Kg	1497
Copper	SW6010B	7/9/2005	0.5	1	0.50	15	mg/Kg	1497
Lead	SW6010B	7/9/2005	0.368	1	0.37	5.6	mg/Kg	1497
Molybdenum	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Nickel	SW6010B	7/9/2005	0.5	1	0.50	39	mg/Kg	1497
Selenium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Silver	SW6010B	7/9/2005	1	1	1.0	ND	mg/Kg	1497
Thallium	SW6010B	7/9/2005	5	1	5.0	ND	mg/Kg	1497
Vanadium	SW6010B	7/9/2005	2	1	2.0	27	mg/Kg	1497
Zinc	SW6010B	7/9/2005	4	1	4.0	41	mg/Kg	1497
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1480
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	ND	mg/Kg	R6584
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	ND	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	76.7	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-9 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-056
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
4,4´-DDE	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
4,4´-DDT	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Aldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
beta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Chlordane	SW8081A	7/8/2005	50	1	50	ND	µg/Kg	R6530
delta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Dieldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan I	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan II	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan sulfate	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin aldehyde	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin ketone	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor epoxide	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Methoxychlor	SW8081A	7/8/2005	5	1	5.0	ND	µg/Kg	R6530
Toxaphene	SW8081A	7/8/2005	100	1	100	ND	µg/Kg	R6530
Surr: Decachlorobiphenyl	SW8081A	7/8/2005	0	1	67.1-112	79.7	%REC	R6530
Surr: Tetrachloro-m-xylene	SW8081A	7/8/2005	0	1	65.7-114	87.6	%REC	R6530
Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6568
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	99.5	%REC	R6568
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	59.9	%REC	R6568

Note: Surrogate recovery of TCMX is bias low; recovery of second surrogate supports data quality.

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-9 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-056
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Acenaphthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Acenaphthylene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benz(a)anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo(g,h,i)perylene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[a]pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[b]fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[k]fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Chrysene	SW8270C	7/8/2005	0.066	1	0.066	ND	mg/Kg	R6605
Dibenz(a,h)anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Fluorene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Indeno(1,2,3-cd)pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Naphthalene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Phenanthrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Surr: 2-Fluorobiphenyl	SW8270C	7/8/2005	0	1	23-125	67.3	%REC	R6605
Surr: p-Terphenyl-d14	SW8270C	7/8/2005	0	1	30-135	114	%REC	R6605

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-10 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-057
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/9/2005	3	1	3.0	ND	mg/Kg	1497
Arsenic	SW6010B	7/9/2005	1.747	1	1.7	ND	mg/Kg	1497
Barium	SW6010B	7/9/2005	3	1	3.0	130	mg/Kg	1497
Beryllium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Cadmium	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Chromium	SW6010B	7/9/2005	0.5	1	0.50	28	mg/Kg	1497
Cobalt	SW6010B	7/9/2005	0.5	1	0.50	8.7	mg/Kg	1497
Copper	SW6010B	7/9/2005	0.5	1	0.50	19	mg/Kg	1497
Lead	SW6010B	7/9/2005	0.368	1	0.37	6.5	mg/Kg	1497
Molybdenum	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Nickel	SW6010B	7/9/2005	0.5	1	0.50	36	mg/Kg	1497
Selenium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Silver	SW6010B	7/9/2005	1	1	1.0	ND	mg/Kg	1497
Thallium	SW6010B	7/9/2005	5	1	5.0	ND	mg/Kg	1497
Vanadium	SW6010B	7/9/2005	2	1	2.0	24	mg/Kg	1497
Zinc	SW6010B	7/9/2005	4	1	4.0	49	mg/Kg	1497
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1480
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	13.5	mg/Kg	R6584
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	7.86	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	94.2	%REC	R6584

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-10 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-057
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
4,4´-DDE	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
4,4´-DDT	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Aldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
beta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Chlordane	SW8081A	7/8/2005	50	1	50	ND	µg/Kg	R6530
delta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Dieldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan I	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan II	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan sulfate	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin aldehyde	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin ketone	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor epoxide	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Methoxychlor	SW8081A	7/8/2005	5	1	5.0	ND	µg/Kg	R6530
Toxaphene	SW8081A	7/8/2005	100	1	100	ND	µg/Kg	R6530
Surr: Decachlorobiphenyl	SW8081A	7/8/2005	0	1	67.1-112	68.8	%REC	R6530
Surr: Tetrachloro-m-xylene	SW8081A	7/8/2005	0	1	65.7-114	84.3	%REC	R6530
Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6568
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	104	%REC	R6568
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	62.0	%REC	R6568

Note: Surrogate recovery of TCMX is bias low; recovery of second surrogate supports data quality.

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-10 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-057
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Acenaphthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Acenaphthylene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benz(a)anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo(g,h,i)perylene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[a]pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[b]fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[k]fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Chrysene	SW8270C	7/8/2005	0.066	1	0.066	ND	mg/Kg	R6605
Dibenz(a,h)anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Fluorene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Indeno(1,2,3-cd)pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Naphthalene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Phenanthrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Surr: 2-Fluorobiphenyl	SW8270C	7/8/2005	0	1	23-125	58.1	%REC	R6605
Surr: p-Terphenyl-d14	SW8270C	7/8/2005	0	1	30-135	99.2	%REC	R6605

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-10 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-058
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/9/2005	3	1	3.0	ND	mg/Kg	1497
Arsenic	SW6010B	7/9/2005	1.747	1	1.7	ND	mg/Kg	1497
Barium	SW6010B	7/9/2005	3	1	3.0	200	mg/Kg	1497
Beryllium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Cadmium	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Chromium	SW6010B	7/9/2005	0.5	1	0.50	38	mg/Kg	1497
Cobalt	SW6010B	7/9/2005	0.5	1	0.50	11	mg/Kg	1497
Copper	SW6010B	7/9/2005	0.5	1	0.50	13	mg/Kg	1497
Lead	SW6010B	7/9/2005	0.368	1	0.37	6.3	mg/Kg	1497
Molybdenum	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Nickel	SW6010B	7/9/2005	0.5	1	0.50	40	mg/Kg	1497
Selenium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Silver	SW6010B	7/9/2005	1	1	1.0	ND	mg/Kg	1497
Thallium	SW6010B	7/9/2005	5	1	5.0	ND	mg/Kg	1497
Vanadium	SW6010B	7/9/2005	2	1	2.0	40	mg/Kg	1497
Zinc	SW6010B	7/9/2005	4	1	4.0	37	mg/Kg	1497
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1480
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	2.70	mg/Kg	R6584
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	ND	mg/Kg	R6584
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	85.3	%REC	R6584

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-11 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-060
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/9/2005	3	1	3.0	ND	mg/Kg	1497
Arsenic	SW6010B	7/9/2005	1.747	1	1.7	ND	mg/Kg	1497
Barium	SW6010B	7/9/2005	3	1	3.0	130	mg/Kg	1497
Beryllium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Cadmium	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Chromium	SW6010B	7/9/2005	0.5	1	0.50	30	mg/Kg	1497
Cobalt	SW6010B	7/9/2005	0.5	1	0.50	11	mg/Kg	1497
Copper	SW6010B	7/9/2005	0.5	1	0.50	17	mg/Kg	1497
Lead	SW6010B	7/9/2005	0.368	1	0.37	21	mg/Kg	1497
Molybdenum	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Nickel	SW6010B	7/9/2005	0.5	1	0.50	35	mg/Kg	1497
Selenium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Silver	SW6010B	7/9/2005	1	1	1.0	ND	mg/Kg	1497
Thallium	SW6010B	7/9/2005	5	1	5.0	ND	mg/Kg	1497
Vanadium	SW6010B	7/9/2005	2	1	2.0	30	mg/Kg	1497
Zinc	SW6010B	7/9/2005	4	1	4.0	68	mg/Kg	1497
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1480
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	ND	mg/Kg	R6595
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	ND	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	111	%REC	R6595

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-11 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-060
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
4,4´-DDD	SW8081A	7/8/2005	2	1	2.0	8.2	µg/Kg	R6530
4,4´-DDE	SW8081A	7/8/2005	2	1	2.0	14	µg/Kg	R6530
4,4´-DDT	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Aldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
alpha-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
beta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Chlordane	SW8081A	7/8/2005	50	1	50	ND	µg/Kg	R6530
delta-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Dieldrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan I	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan II	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endosulfan sulfate	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin aldehyde	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Endrin ketone	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-BHC	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
gamma-Chlordane	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Heptachlor epoxide	SW8081A	7/8/2005	2	1	2.0	ND	µg/Kg	R6530
Methoxychlor	SW8081A	7/8/2005	5	1	5.0	ND	µg/Kg	R6530
Toxaphene	SW8081A	7/8/2005	100	1	100	ND	µg/Kg	R6530
Surr: Decachlorobiphenyl	SW8081A	7/8/2005	0	1	67.1-112	83.0	%REC	R6530
Surr: Tetrachloro-m-xylene	SW8081A	7/8/2005	0	1	65.7-114	96.6	%REC	R6530
Aroclor 1016	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1221	SW8082	7/11/2005	0.2	1	0.20	ND	mg/Kg	R6568
Aroclor 1232	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1242	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1248	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1254	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Aroclor 1260	SW8082	7/11/2005	0.1	1	0.10	ND	mg/Kg	R6568
Surr: Decachlorobiphenyl	SW8082	7/11/2005	0	1	66.8-130	98.0	%REC	R6568
Surr: Tetrachloro-m-xylene	SW8082	7/11/2005	0	1	65.3-133	67.4	%REC	R6568

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-11 0-1/2
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-060
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
2-Methylnaphthalene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Acenaphthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Acenaphthylene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benz(a)anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo(g,h,i)perylene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[a]pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[b]fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Benzo[k]fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Chrysene	SW8270C	7/8/2005	0.066	1	0.066	ND	mg/Kg	R6605
Dibenz(a,h)anthracene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Fluoranthene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Fluorene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Indeno(1,2,3-cd)pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Naphthalene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Phenanthrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Pyrene	SW8270C	7/8/2005	0.033	1	0.033	ND	mg/Kg	R6605
Surr: 2-Fluorobiphenyl	SW8270C	7/8/2005	0	1	23-125	70.1	%REC	R6605
Surr: p-Terphenyl-d14	SW8270C	7/8/2005	0	1	30-135	111	%REC	R6605

Report prepared for: Peter Langtry
Lowney Associates(Oakland)

Date Received: 6/30/2005
Date Reported: 7/14/2005

Client Sample ID: LSB-11 21/2-3
Sample Location: Giant Road
Sample Matrix: SOIL
Date/Time Sampled 6/29/2005

Lab Sample ID: 0506119-061
Date Prepared: 7/2/2005

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Antimony	SW6010B	7/9/2005	3	1	3.0	ND	mg/Kg	1497
Arsenic	SW6010B	7/9/2005	1.747	1	1.7	ND	mg/Kg	1497
Barium	SW6010B	7/9/2005	3	1	3.0	140	mg/Kg	1497
Beryllium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Cadmium	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Chromium	SW6010B	7/9/2005	0.5	1	0.50	42	mg/Kg	1497
Cobalt	SW6010B	7/9/2005	0.5	1	0.50	9.4	mg/Kg	1497
Copper	SW6010B	7/9/2005	0.5	1	0.50	22	mg/Kg	1497
Lead	SW6010B	7/9/2005	0.368	1	0.37	7.5	mg/Kg	1497
Molybdenum	SW6010B	7/9/2005	0.5	1	0.50	ND	mg/Kg	1497
Nickel	SW6010B	7/9/2005	0.5	1	0.50	46	mg/Kg	1497
Selenium	SW6010B	7/9/2005	2	1	2.0	ND	mg/Kg	1497
Silver	SW6010B	7/9/2005	1	1	1.0	ND	mg/Kg	1497
Thallium	SW6010B	7/9/2005	5	1	5.0	ND	mg/Kg	1497
Vanadium	SW6010B	7/9/2005	2	1	2.0	39	mg/Kg	1497
Zinc	SW6010B	7/9/2005	4	1	4.0	53	mg/Kg	1497
Mercury	SW7471A	7/5/2005	0.1	1	0.10	ND	mg/Kg	1480
TPH (Diesel)	SW8015B	7/11/2005	2	1	2.00	ND	mg/Kg	R6595
TPH (Oil)	SW8015B	7/11/2005	4	1	4.00	ND	mg/Kg	R6595
Surr: Pentacosane	SW8015B	7/11/2005	0	1	53.5-127	102	%REC	R6595

Definitions, legends and Notes

Note	Description
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #

McCampbell Analytical, Inc.
110 2nd Avenue South, #D7, Pacheco, CA. 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Torrent Laboratory, Inc.	Client Project ID: #0506119	Date Sampled: 06/29/05
483 Sinclair Frontage Road		Date Received: 07/01/05
Milpitas, CA 95035	Client Contact: Onyi Nwogu	Date Extracted: 07/01/05
	Client P.O.:	Date Analyzed: 07/05/05

Organic Lead*

Analytical methods: HML 939-M Work Order: 0507017

Lab ID	Client ID	Matrix	Tetraethyl Lead as Lead	DF	% SS
0507017-001A	0506119-001A	S	ND	1	N/A
0507017-002A	0506119-002A	S	ND	1	N/A
0507017-003A	0506119-004A	S	ND	1	N/A
0507017-004A	0506119-005A	S	ND	1	N/A
0507017-005A	0506119-006A	S	ND	1	N/A
0507017-006A	0506119-008A	S	ND	1	N/A
0507017-007A	0506119-009A	S	ND	1	N/A
0507017-008A	0506119-010A	S	ND	1	N/A
0507017-009A	0506119-012A	S	ND	1	N/A
0507017-010A	0506119-013A	S	ND	1	N/A
0507017-011A	0506119-014A	S	ND	1	N/A
0507017-012A	0506119-016A	S	ND	1	N/A
0507017-013A	0506119-017A	S	ND	1	N/A
0507017-014A	0506119-024A	S	ND	1	N/A
0507017-015A	0506119-027A	S	ND	1	N/A
0507017-016A	0506119-030A	S	ND	1	N/A
Reporting Limit for DF =1; ND means not detected at or above the reporting limit		W	NA	NA	
		S	0.01	mg/Kg	

* water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; o) see attached narrative.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

McCampbell Analytical, Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Torrent Laboratory, Inc.	Client Project ID: #0506119	Date Sampled: 06/29/05
483 Sinclair Frontage Road		Date Received: 07/01/05
Milpitas, CA 95035	Client Contact: Onyi Nwogu	Date Extracted: 07/01/05
	Client P.O.:	Date Analyzed: 07/05/05

Organic Lead*

Analytical methods: HML 939-M Work Order: 0507017

Lab ID	Client ID	Matrix	Tetraethyl Lead as Lead	DF	% SS
0507017-017A	0506119-033A	S	ND	1	N/A
0507017-018A	0506119-034A	S	ND	1	N/A
0507017-019A	0506119-035A	S	ND	1	N/A
0507017-020A	0506119-036A	S	ND	1	N/A
0507017-021A	0506119-037A	S	ND	1	N/A
0507017-022A	0506119-039A	S	ND	1	N/A
0507017-023A	0506119-040A	S	ND	1	N/A
0507017-024A	0506119-042A	S	ND	1	N/A
0507017-025A	0506119-043A	S	ND	1	N/A
0507017-026A	0506119-045A	S	ND	1	N/A
0507017-027A	0506119-048A	S	ND	1	N/A
0507017-028A	0506119-050A	S	ND	1	N/A
0507017-029A	0506119-053A	S	ND	1	N/A
0507017-030A	0506119-055A	S	ND	1	N/A
0507017-031A	0506119-057A	S	ND	1	N/A
0507017-032A	0506119-060A	S	ND	1	N/A
Reporting Limit for DF =1; ND means not detected at or above the reporting limit		W	NA	NA	
		S	0.01	mg/Kg	

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR HML 939-M

WG Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0507017

EPA Method: HML 939-M	Extraction: CA T22 CPT11 AP		BatchID: 16898			Spiked Sample ID: 0506519-001A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
Tetraethyl Lead as Lead	ND	0.026	100	105	4.72	104	109	5.28	75 - 125	85 - 115

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 16898 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0507017-001A	6/29/05	7/01/05	7/05/05 7:18 PM	0507017-002A	6/29/05	7/01/05	7/05/05 7:20 PM
0507017-003A	6/29/05	7/01/05	7/05/05 7:22 PM	0507017-004A	6/29/05	7/01/05	7/05/05 7:24 PM
0507017-005A	6/29/05	7/01/05	7/05/05 7:27 PM	0507017-006A	6/29/05	7/01/05	7/05/05 7:29 PM
0507017-007A	6/29/05	7/01/05	7/05/05 7:31 PM	0507017-008A	6/29/05	7/01/05	7/05/05 7:33 PM
0507017-009A	6/29/05	7/01/05	7/05/05 7:35 PM	0507017-010A	6/29/05	7/01/05	7/05/05 7:38 PM
0507017-011A	6/29/05	7/01/05	7/05/05 7:45 PM	0507017-012A	6/29/05	7/01/05	7/05/05 7:47 PM
0507017-013A	6/29/05	7/01/05	7/05/05 7:49 PM	0507017-014A	6/29/05	7/01/05	7/05/05 7:51 PM
0507017-015A	6/29/05	7/01/05	7/05/05 7:54 PM	0507017-016A	6/29/05	7/01/05	7/05/05 7:56 PM
0507017-017A	6/29/05	7/01/05	7/05/05 7:58 PM	0507017-018A	6/29/05	7/01/05	7/05/05 8:00 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.
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Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR HML 939-M

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0507017

EPA Method: HML 939-M	Extraction: CA T22 CPT11 AP		BatchID: 16979			Spiked Sample ID: 0507017-019A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
Tetraethyl Lead as Lead	ND	0.026	96.7	110	13.2	87.5	100	13.4	75 - 125	85 - 115

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 16979 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0507017-019A	6/29/05	7/01/05	7/05/05 8:03 PM	0507017-020A	6/29/05	7/01/05	7/05/05 8:05 PM
0507017-021A	6/29/05	7/01/05	7/05/05 8:12 PM	0507017-022A	6/29/05	7/01/05	7/05/05 8:14 PM
0507017-023A	6/29/05	7/01/05	7/05/05 8:17 PM	0507017-024A	6/29/05	7/01/05	7/05/05 8:19 PM
0507017-025A	6/29/05	7/01/05	7/05/05 8:21 PM	0507017-026A	6/29/05	7/01/05	7/05/05 8:24 PM
0507017-027A	6/29/05	7/01/05	7/05/05 8:26 PM	0507017-028A	6/29/05	7/01/05	7/05/05 8:29 PM
0507017-029A	6/29/05	7/01/05	7/05/05 8:31 PM	0507017-030A	6/29/05	7/01/05	7/05/05 8:33 PM
0507017-031A	6/29/05	7/01/05	7/05/05 8:40 PM	0507017-032A	6/29/05	7/01/05	7/05/05 8:43 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contain significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = Analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644

QA/QC Officer

Torrent Laboratory, Inc.

Date: *14-Jul-05*

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: 1492-MBLK	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6544				
Client ID: ZZZZZ	Batch ID: 1492	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/7/2005	SeqNo: 95000				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	3.0									
Arsenic	ND	1.7									
Barium	ND	3.0									
Beryllium	ND	2.0									
Cadmium	ND	0.50									
Chromium	ND	0.50									
Cobalt	ND	0.50									
Copper	ND	0.50									
Lead	ND	0.37									
Molybdenum	ND	0.50									
Nickel	ND	0.50									
Selenium	ND	2.0									
Silver	ND	1.0									
Thallium	ND	5.0									
Vanadium	ND	2.0									
Zinc	ND	4.0									

Sample ID: 1497-MBLK	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6560				
Client ID: ZZZZZ	Batch ID: 1497	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/9/2005	SeqNo: 95202				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	3.0									
Arsenic	ND	1.7									
Barium	ND	3.0									
Beryllium	ND	2.0									
Cadmium	ND	0.50									
Chromium	ND	0.50									
Cobalt	ND	0.50									
Copper	ND	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TPH_D/MO_S_8015B

Sample ID 0506112-002AMS	SampType: MS	TestCode: TPH_D/MO_S	Units: mg/Kg	Prep Date: 7/6/2005	RunNo: 6559
Client ID: ZZZZZ	Batch ID: R6559	TestNo: SW8015B		Analysis Date: 7/8/2005	SeqNo: 95167

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	26.95	2.00	33.33	1.349	76.8	46.2	109				
Surr: Pentacosane	3.058	0	3.3	0	92.7	53.5	127				

Sample ID 0506119-054AMS	SampType: MS	TestCode: TPH_D/MO_S	Units: mg/Kg	Prep Date: 7/7/2005	RunNo: 6584
Client ID: LSB-8 21/2-3	Batch ID: R6584	TestNo: SW8015B		Analysis Date: 7/11/2005	SeqNo: 95743

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	32.29	2.00	33.33	7.681	73.8	46.2	109				
Surr: Pentacosane	2.790	0	3.3	0	84.5	53.5	127				

Sample ID 0506112-002A MSD	SampType: MSD	TestCode: TPH_D/MO_S	Units: mg/Kg	Prep Date: 7/6/2005	RunNo: 6559
Client ID: ZZZZZ	Batch ID: R6559	TestNo: SW8015B		Analysis Date: 7/8/2005	SeqNo: 95204

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	20.77	2.00	33.33	1.349	58.3	46.2	109	26.95	25.9	30	
Surr: Pentacosane	2.325	0	3.3	0	70.5	53.5	127	0	0	0	

Sample ID 0506119-054AMSD	SampType: MSD	TestCode: TPH_D/MO_S	Units: mg/Kg	Prep Date: 7/7/2005	RunNo: 6584
Client ID: LSB-8 21/2-3	Batch ID: R6584	TestNo: SW8015B		Analysis Date: 7/11/2005	SeqNo: 95744

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	37.59	2.00	33.33	7.681	89.7	46.2	109	32.29	15.2	30	
Surr: Pentacosane	3.184	0	3.3	0	96.5	53.5	127	0	0	0	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TPH_GAS_S_8015B

Sample ID MBLK	SampType: MBLK	TestCode: TPH_GAS_S	Units: mg/Kg	Prep Date: 7/5/2005	RunNo: 6527
Client ID: ZZZZZ	Batch ID: R6527	TestNo: SW8015B		Analysis Date: 7/5/2005	SeqNo: 94690

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	ND	0.100									
Surr: Trifluorotoluene	0.1496	0	0.2	0	74.8	44.7	125				

Sample ID BLANK	SampType: MBLK	TestCode: TPH_GAS_S	Units: mg/Kg	Prep Date: 7/6/2005	RunNo: 6527
Client ID: ZZZZZ	Batch ID: R6527	TestNo: SW8015B		Analysis Date: 7/6/2005	SeqNo: 95012

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	ND	0.100									
Surr: Trifluorotoluene	0.1893	0	0.2	0	94.7	44.7	125				

Sample ID MBLK	SampType: MBLK	TestCode: TPH_GAS_S	Units: mg/Kg	Prep Date: 7/8/2005	RunNo: 6565
Client ID: ZZZZZ	Batch ID: R6565	TestNo: SW8015B		Analysis Date: 7/8/2005	SeqNo: 95289

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	ND	0.100									
Surr: Trifluorotoluene	0.1929	0	0.2	0	96.5	44.7	125				

Sample ID BLANK	SampType: MBLK	TestCode: TPH_GAS_S	Units: mg/Kg	Prep Date: 7/10/2005	RunNo: 6572
Client ID: ZZZZZ	Batch ID: R6572	TestNo: SW8015B		Analysis Date: 7/10/2005	SeqNo: 95428

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	ND	0.100									
Surr: Trifluorotoluene	0.1873	0	0.2	0	93.7	44.7	125				

Sample ID LCS	SampType: LCS	TestCode: TPH_GAS_S	Units: mg/Kg	Prep Date: 7/5/2005	RunNo: 6527
Client ID: ZZZZZ	Batch ID: R6527	TestNo: SW8015B		Analysis Date: 7/5/2005	SeqNo: 94691

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	0.8676	0.100	1	0	86.8	64.2	126				
Surr: Trifluorotoluene	0.1664	0	0.2	0	83.2	44.7	125				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TPH_D/MO_S_8015B

Sample ID	SD050706A-MB	SampType:	MBLK	TestCode:	TPH_D/MO_S	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6559
Client ID:	ZZZZZ	Batch ID:	R6559	TestNo:	SW8015B			Analysis Date:	7/7/2005	SeqNo:	95162

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	ND	2.00									
TPH (Oil)	ND	4.00									
Surr: Pentacosane	3.177	0	3.3	0	96.3	53.5	127				

Sample ID	SD050707A-MB	SampType:	MBLK	TestCode:	TPH_D/MO_S	Units:	mg/Kg	Prep Date:	7/7/2005	RunNo:	6584
Client ID:	ZZZZZ	Batch ID:	R6584	TestNo:	SW8015B			Analysis Date:	7/11/2005	SeqNo:	95675

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	ND	2.00									
TPH (Oil)	ND	4.00									
Surr: Pentacosane	2.138	0	3.3	0	64.8	53.5	127				

Sample ID	SD050709A-MB SG	SampType:	MBLK	TestCode:	TPH_D/MO_S	Units:	mg/Kg	Prep Date:	7/9/2005	RunNo:	6595
Client ID:	ZZZZZ	Batch ID:	R6595	TestNo:	SW8015B			Analysis Date:	7/11/2005	SeqNo:	95892

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	ND	2.00									
TPH (Oil)	ND	4.00									
Surr: Pentacosane	3.549	0	3.3	0	108	53.5	127				

Sample ID	SD050706A-LCS	SampType:	LCS	TestCode:	TPH_D/MO_S	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6559
Client ID:	ZZZZZ	Batch ID:	R6559	TestNo:	SW8015B			Analysis Date:	7/7/2005	SeqNo:	95163

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	26.85	2.00	33.33	1.313	76.6	46.2	109				
Surr: Pentacosane	3.321	0	3.3	0	101	53.5	127				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TPH_D/MO_S_8015B

Sample ID	SD050707A-LCS	SampType:	LCS	TestCode:	TPH_D/MO_S	Units:	mg/Kg	Prep Date:	7/7/2005	RunNo:	6584
Client ID:	ZZZZZ	Batch ID:	R6584	TestNo:	SW8015B			Analysis Date:	7/11/2005	SeqNo:	95676

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	19.91	2.00	33.33	1.374	55.6	46.2	109				
Surr: Pentacosane	2.340	0	3.3	0	70.9	53.5	127				

Sample ID	SD050709A-LCS SG	SampType:	LCS	TestCode:	TPH_D/MO_S	Units:	mg/Kg	Prep Date:	7/9/2005	RunNo:	6595
Client ID:	ZZZZZ	Batch ID:	R6595	TestNo:	SW8015B			Analysis Date:	7/11/2005	SeqNo:	95893

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	25.65	2.00	33.33	1.662	72.0	46.2	109				
Surr: Pentacosane	3.658	0	3.3	0	111	53.5	127				

Sample ID	SD050706A-LCSD	SampType:	LCSD	TestCode:	TPH_D/MO_S	Units:	mg/Kg	Prep Date:	7/6/2005	RunNo:	6559
Client ID:	ZZZZZ	Batch ID:	R6559	TestNo:	SW8015B			Analysis Date:	7/7/2005	SeqNo:	95164

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	27.76	2.00	33.33	1.313	79.4	46.2	109	26.85	3.36	30	
Surr: Pentacosane	3.355	0	3.3	0	102	53.5	127	0	0	0	

Sample ID	SD050707A-LCSD	SampType:	LCSD	TestCode:	TPH_D/MO_S	Units:	mg/Kg	Prep Date:	7/7/2005	RunNo:	6584
Client ID:	ZZZZZ	Batch ID:	R6584	TestNo:	SW8015B			Analysis Date:	7/11/2005	SeqNo:	95677

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	21.49	2.00	33.33	1.374	60.4	46.2	109	19.91	7.63	30	
Surr: Pentacosane	2.313	0	3.3	0	70.1	53.5	127	0	0	0	

Sample ID	SD050709A-LCSD S	SampType:	LCSD	TestCode:	TPH_D/MO_S	Units:	mg/Kg	Prep Date:	7/9/2005	RunNo:	6595
Client ID:	ZZZZZ	Batch ID:	R6595	TestNo:	SW8015B			Analysis Date:	7/11/2005	SeqNo:	95894

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Diesel)	21.45	2.00	33.33	1.662	59.4	46.2	109	25.65	17.9	30	
Surr: Pentacosane	2.462	0	3.3	0	74.6	53.5	127	0	0	0	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: PAH_SOIL_SIM

Sample ID **MB-R6605**	SampType: **MBLK**	TestCode: **PAH_SOIL_S**	Units: **mg/Kg**	Prep Date: **7/5/2005**	RunNo: **6605**
Client ID: **ZZZZZ**	Batch ID: **R6605**	TestNo: **SW8270C**		Analysis Date: **7/5/2005**	SeqNo: **96314**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Methylnaphthalene	ND	0.033									
Acenaphthene	ND	0.033									
Acenaphthylene	ND	0.033									
Anthracene	ND	0.033									
Benz(a)anthracene	ND	0.033									
Benzo(g,h,i)perylene	ND	0.033									
Benzo[a]pyrene	ND	0.033									
Benzo[b]fluoranthene	ND	0.033									
Benzo[k]fluoranthene	ND	0.033									
Chrysene	ND	0.066									
Dibenz(a,h)anthracene	ND	0.033									
Fluoranthene	ND	0.033									
Fluorene	ND	0.033									
Indeno(1,2,3-cd)pyrene	ND	0.033									
Naphthalene	ND	0.033									
Phenanthrene	ND	0.033									
Pyrene	ND	0.033									
Surr: 2-Fluorobiphenyl	0.06010	0	0.1	0	60.1	23	125				
Surr: p-Terphenyl-d14	0.09850	0	0.1	0	98.5	30	135				

Sample ID **LCS**	SampType: **LCS**	TestCode: **PAH_SOIL_S**	Units: **mg/Kg**	Prep Date: **7/5/2005**	RunNo: **6605**
Client ID: **ZZZZZ**	Batch ID: **R6605**	TestNo: **SW8270C**		Analysis Date: **7/5/2005**	SeqNo: **96315**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.09110	0.033	0.1	0	91.1	20	120				
Pyrene	0.09050	0.033	0.1	0	90.5	35	142				
Surr: 2-Fluorobiphenyl	0.08160	0	0.1	0	81.6	23	125				
Surr: p-Terphenyl-d14	0.1111	0	0.1	0	111	30	135				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: PAH_SOIL_SIM

Sample ID **LCSD**	SampType: **LCSD**	TestCode: **PAH_SOIL_S**	Units: **mg/Kg**	Prep Date: **7/5/2005**	RunNo: **6605**
Client ID: **ZZZZZ**	Batch ID: **R6605**	TestNo: **SW8270C**		Analysis Date: **7/5/2005**	SeqNo: **96316**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.08200	0.033	0.1	0	82.0	20	120	0.0911	10.5	30	
Pyrene	0.07690	0.033	0.1	0	76.9	35	142	0.0905	16.2	30	
Surr: 2-Fluorobiphenyl	0.07570	0	0.1	0	75.7	23	125	0	0	0	
Surr: p-Terphenyl-d14	0.1043	0	0.1	0	104	30	135	0	0	0	

Sample ID **0506119-051AMS**	SampType: **MS**	TestCode: **PAH_SOIL_S**	Units: **mg/Kg**	Prep Date: **7/5/2005**	RunNo: **6605**
Client ID: **LSB-7 21/2-3**	Batch ID: **R6605**	TestNo: **SW8270C**		Analysis Date: **7/8/2005**	SeqNo: **96362**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.07050	0.033	0.1	0	70.5	20	120				
Pyrene	0.09360	0.033	0.1	0	93.6	35	142				
Surr: 2-Fluorobiphenyl	0.05600	0	0.1	0	56.0	23	125				
Surr: p-Terphenyl-d14	0.09960	0	0.1	0	99.6	30	135				

Sample ID **0506119-051AMSD**	SampType: **MSD**	TestCode: **PAH_SOIL_S**	Units: **mg/Kg**	Prep Date: **7/5/2005**	RunNo: **6605**
Client ID: **LSB-7 21/2-3**	Batch ID: **R6605**	TestNo: **SW8270C**		Analysis Date: **7/8/2005**	SeqNo: **96363**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.07370	0.033	0.1	0	73.7	20	120	0.0705	4.44	30	
Pyrene	0.09600	0.033	0.1	0	96.0	35	142	0.0936	2.53	30	
Surr: 2-Fluorobiphenyl	0.06090	0	0.1	0	60.9	23	125	0	0	0	
Surr: p-Terphenyl-d14	0.1059	0	0.1	0	106	30	135	0	0	0	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: HG_CTS

Sample ID 1480-LCSD	SampType: LCSD	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6521
Client ID: ZZZZZ	Batch ID: 1480	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/5/2005	SeqNo: 94629

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.517	0.10	2.5	0	101	80	120	2.467	2.01	30	

Sample ID 0506116-063AMS	SampType: MS	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6520
Client ID: ZZZZZ	Batch ID: 1479	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/5/2005	SeqNo: 94583

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.567	0.10	2.5	0	103	70	130				

Sample ID 0506119-027AMS	SampType: MS	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6521
Client ID: EB-4 0-1/2	Batch ID: 1480	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/5/2005	SeqNo: 94605

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	3.117	0.10	2.5	0.8	92.7	70	130				

Sample ID 0506119-056AMS	SampType: MS	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6521
Client ID: LSB-9 21/2-3	Batch ID: 1480	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/5/2005	SeqNo: 94622

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.750	0.10	2.5	0	110	70	130				

Sample ID 0506116-063AMSD	SampType: MSD	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6520
Client ID: ZZZZZ	Batch ID: 1479	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/5/2005	SeqNo: 94584

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.733	0.10	2.5	0	109	70	130	2.567	6.29	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: HG_CTS

Sample ID 0506119-027AMSD	SampType: MSD	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6521
Client ID: EB-4 0-1/2	Batch ID: 1480	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/5/2005	SeqNo: 94606

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	3.050	0.10	2.5	0.8	90.0	70	130	3.117	2.16	30	

Sample ID 0506119-056AMSD	SampType: MSD	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6521
Client ID: LSB-9 21/2-3	Batch ID: 1480	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/5/2005	SeqNo: 94623

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.700	0.10	2.5	0	108	70	130	2.75	1.83	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID 0507031-005Amsd	SampType: MSD	TestCode: 8260_S	Units: µg/Kg	Prep Date: 7/8/2005	RunNo: 6561
Client ID: ZZZZZ	Batch ID: R6561	TestNo: SW8260B		Analysis Date: 7/8/2005	SeqNo: 95212

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	51.90	0	50	0	104	65	135				

Sample ID 0507031-029Amsd	SampType: MSD	TestCode: 8260_S	Units: µg/Kg	Prep Date: 7/11/2005	RunNo: 6594
Client ID: ZZZZZ	Batch ID: R6594	TestNo: SW8260B		Analysis Date: 7/11/2005	SeqNo: 95889

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	53.10	10	50	0	106	70	130	53.4	0.563	30	
Toluene	48.50	10	50	0	97.0	70	130	45.5	6.38	30	
Surr: 4-Bromofluorobenzene	37.70	0	50	0	75.4	65	135	0	0	0	
Surr: Dibromofluoromethane	46.60	0	50	0	93.2	65	135	0	0	0	
Surr: Toluene-d8	41.80	0	50	0	83.6	65	135	0	0	0	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: HG_CTS

Sample ID 1479-MBLK	SampType: MBLK	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6520
Client ID: ZZZZZ	Batch ID: 1479	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/5/2005	SeqNo: 94603

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

Sample ID 1480-MBLK	SampType: MBLK	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6521
Client ID: ZZZZZ	Batch ID: 1480	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/5/2005	SeqNo: 94630

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

Sample ID 1479-LCS	SampType: LCS	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6520
Client ID: ZZZZZ	Batch ID: 1479	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/5/2005	SeqNo: 94601

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.483	0.10	2.5	0	99.3	80	120				

Sample ID 1480-LCS	SampType: LCS	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6521
Client ID: ZZZZZ	Batch ID: 1480	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/5/2005	SeqNo: 94628

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.467	0.10	2.5	0	98.7	80	120				

Sample ID 1479-LCSD	SampType: LCSD	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6520
Client ID: ZZZZZ	Batch ID: 1479	TestNo: SW7471A	(SW7471APR	Analysis Date: 7/5/2005	SeqNo: 94602

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.550	0.10	2.5	0	102	80	120	2.483	2.65	30	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID LCS	SampType: LCS	TestCode: 8260_S	Units: µg/Kg	Prep Date: 7/11/2005	RunNo: 6594
Client ID: ZZZZZ	Batch ID: R6594	TestNo: SW8260B		Analysis Date: 7/11/2005	SeqNo: 95876

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	46.20	0	50	0	92.4	65	135				

Sample ID LCSD	SampType: LCSD	TestCode: 8260_S	Units: µg/Kg	Prep Date: 7/5/2005	RunNo: 6523
Client ID: ZZZZZ	Batch ID: R6523	TestNo: SW8260B		Analysis Date: 7/5/2005	SeqNo: 94667

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	48.50	10	50	0	97.0	77.6	130				
Toluene	49.60	10	50	0	99.2	76.7	134				
Surr: 4-Bromofluorobenzene	47.00	0	50	0	94.0	65	135				
Surr: Dibromofluoromethane	55.00	0	50	0	110	65	135				
Surr: Toluene-d8	50.80	0	50	0	102	65	135				

Sample ID LCSD	SampType: LCSD	TestCode: 8260_S	Units: µg/Kg	Prep Date: 7/8/2005	RunNo: 6561
Client ID: ZZZZZ	Batch ID: R6561	TestNo: SW8260B		Analysis Date: 7/8/2005	SeqNo: 95208

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	47.10	10	50	0	94.2	77.6	130	47.8	1.48	30	
Toluene	48.80	10	50	5.2	87.2	76.7	134	56.5	14.6	30	
Surr: 4-Bromofluorobenzene	47.40	0	50	0	94.8	65	135	0	0	0	
Surr: Dibromofluoromethane	55.80	0	50	0	112	65	135	0	0	0	
Surr: Toluene-d8	52.10	0	50	0	104	65	135	0	0	0	

Sample ID LCSD	SampType: LCSD	TestCode: 8260_S	Units: µg/Kg	Prep Date: 7/11/2005	RunNo: 6594
Client ID: ZZZZZ	Batch ID: R6594	TestNo: SW8260B		Analysis Date: 7/11/2005	SeqNo: 95877

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	51.20	10	50	0	102	77.6	130	46.8	8.98	30	
Toluene	50.40	10	50	0	101	76.7	134	56	10.5	30	
Surr: 4-Bromofluorobenzene	38.20	0	50	0	76.4	65	135	0	0	0	
Surr: Dibromofluoromethane	39.80	0	50	0	79.6	65	135	0	0	0	

Qualifiers: E Value above quantitation range; H Holding times for preparation or analysis exceeded; J Analyte detected below quantitation limits; ND Not Detected at the Reporting Limit; R RPD outside accepted recovery limits; S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID LCSD	SampType: LCSD	TestCode: 8260_S	Units: µg/Kg	Prep Date: 7/11/2005	RunNo: 6594
Client ID: ZZZZZ	Batch ID: R6594	TestNo: SW8260B		Analysis Date: 7/11/2005	SeqNo: 95877

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	42.60	0	50	0	85.2	65	135	0	0	0	

Sample ID 0507031-005Ams	SampType: MS	TestCode: 8260_S	Units: µg/Kg	Prep Date: 7/8/2005	RunNo: 6561
Client ID: ZZZZZ	Batch ID: R6561	TestNo: SW8260B		Analysis Date: 7/8/2005	SeqNo: 95211

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	45.10	10	50	0	90.2	70	130	45.1	0	30	
Toluene	49.70	10	50	0	99.4	70	130	49.7	0	30	
Surr: 4-Bromofluorobenzene	38.60	0	50	0	77.2	65	135	0	0	0	
Surr: Dibromofluoromethane	51.40	0	50	0	103	65	135	0	0	0	
Surr: Toluene-d8	49.90	0	50	0	99.8	65	135	0	0	0	

Sample ID 0507031-029Ams	SampType: MS	TestCode: 8260_S	Units: µg/Kg	Prep Date: 7/11/2005	RunNo: 6594
Client ID: ZZZZZ	Batch ID: R6594	TestNo: SW8260B		Analysis Date: 7/11/2005	SeqNo: 95888

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	53.40	10	50	0	107	70	130				
Toluene	45.50	10	50	0	91.0	70	130				
Surr: 4-Bromofluorobenzene	40.70	0	50	0	81.4	65	135				
Surr: Dibromofluoromethane	55.72	0	50	0	111	65	135				
Surr: Toluene-d8	43.10	0	50	0	86.2	65	135				

Sample ID 0507031-005Amsd	SampType: MSD	TestCode: 8260_S	Units: µg/Kg	Prep Date: 7/8/2005	RunNo: 6561
Client ID: ZZZZZ	Batch ID: R6561	TestNo: SW8260B		Analysis Date: 7/8/2005	SeqNo: 95212

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	51.90	10	50	0	104	70	130				
Toluene	50.80	10	50	0	102	70	130				
Surr: 4-Bromofluorobenzene	42.80	0	50	0	85.6	65	135				
Surr: Dibromofluoromethane	59.90	0	50	0	120	65	135				

Qualifiers: E Value above quantitation range; H Holding times for preparation or analysis exceeded; J Analyte detected below quantitation limits; ND Not Detected at the Reporting Limit; R RPD outside accepted recovery limits; S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID **MBLK**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/5/2005**	RunNo: **6523**
Client ID: **ZZZZZ**	Batch ID: **R6523**	TestNo: **SW8260B**		Analysis Date: **7/5/2005**	SeqNo: **94662**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	10									
Ethylbenzene	ND	10									
Toluene	ND	10									
Xylenes, Total	ND	10									
Surr: 4-Bromofluorobenzene	50.10	0	50	0	100	65	135				
Surr: Dibromofluoromethane	54.90	0	50	0	110	65	135				
Surr: Toluene-d8	54.00	0	50	0	108	65	135				

Sample ID **MBLK**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/8/2005**	RunNo: **6561**
Client ID: **ZZZZZ**	Batch ID: **R6561**	TestNo: **SW8260B**		Analysis Date: **7/8/2005**	SeqNo: **95206**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	10									
Ethylbenzene	ND	10									
Toluene	ND	10									
Xylenes, Total	ND	10									
Surr: 4-Bromofluorobenzene	57.30	0	50	0	115	65	135				
Surr: Dibromofluoromethane	64.70	0	50	0	129	65	135				
Surr: Toluene-d8	63.40	0	50	0	127	65	135				

Sample ID **MBLK**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/11/2005**	RunNo: **6594**
Client ID: **ZZZZZ**	Batch ID: **R6594**	TestNo: **SW8260B**		Analysis Date: **7/11/2005**	SeqNo: **95875**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	10									
Ethylbenzene	ND	10									
Toluene	ND	10									
Xylenes, Total	ND	10									
Surr: 4-Bromofluorobenzene	42.10	0	50	0	84.2	65	135				
Surr: Dibromofluoromethane	44.80	0	50	0	89.6	65	135				

Qualifiers: E Value above quantitation range; H Holding times for preparation or analysis exceeded; J Analyte detected below quantitation limits; ND Not Detected at the Reporting Limit; R RPD outside accepted recovery limits; S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID **MBLK**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/11/2005**	RunNo: **6594**
Client ID: **ZZZZZ**	Batch ID: **R6594**	TestNo: **SW8260B**		Analysis Date: **7/11/2005**	SeqNo: **95875**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	46.60	0	50	0	93.2	65	135				

Sample ID **LCS**	SampType: **LCS**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/5/2005**	RunNo: **6523**
Client ID: **ZZZZZ**	Batch ID: **R6523**	TestNo: **SW8260B**		Analysis Date: **7/5/2005**	SeqNo: **94666**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	48.20	10	50	0	96.4	77.6	130				
Toluene	46.30	10	50	0	92.6	76.7	134				
Surr: 4-Bromofluorobenzene	44.20	0	50	0	88.4	65	135				
Surr: Dibromofluoromethane	53.00	0	50	0	106	65	135				
Surr: Toluene-d8	47.10	0	50	0	94.2	65	135				

Sample ID **LCS**	SampType: **LCS**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/8/2005**	RunNo: **6561**
Client ID: **ZZZZZ**	Batch ID: **R6561**	TestNo: **SW8260B**		Analysis Date: **7/8/2005**	SeqNo: **95207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	47.80	10	50	0	95.6	77.6	130				
Toluene	56.50	10	50	5.2	103	76.7	134				
Surr: 4-Bromofluorobenzene	51.40	0	50	0	103	65	135				
Surr: Dibromofluoromethane	53.40	0	50	0	107	65	135				
Surr: Toluene-d8	58.60	0	50	0	117	65	135				

Sample ID **LCS**	SampType: **LCS**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **7/11/2005**	RunNo: **6594**
Client ID: **ZZZZZ**	Batch ID: **R6594**	TestNo: **SW8260B**		Analysis Date: **7/11/2005**	SeqNo: **95876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	46.80	10	50	0	93.6	77.6	130				
Toluene	56.00	10	50	0	112	76.7	134				
Surr: 4-Bromofluorobenzene	40.90	0	50	0	81.8	65	135				
Surr: Dibromofluoromethane	41.30	0	50	0	82.6	65	135				

Qualifiers: E Value above quantitation range; H Holding times for preparation or analysis exceeded; J Analyte detected below quantitation limits; ND Not Detected at the Reporting Limit; R RPD outside accepted recovery limits; S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID SP050705A-MB	SampType: MBLK	TestCode: 8082_S	Units: mg/Kg	Prep Date: 7/5/2005	RunNo: 6568
Client ID: ZZZZZ	Batch ID: R6568	TestNo: SW8082		Analysis Date: 7/10/2005	SeqNo: 96388

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.10									
Aroclor 1221	ND	0.20									
Aroclor 1232	ND	0.10									
Aroclor 1242	ND	0.10									
Aroclor 1248	ND	0.10									
Aroclor 1254	ND	0.10									
Aroclor 1260	ND	0.10									
Surr: Decachlorobiphenyl	0.03903	0	0.05	0	78.1	66.8	130				
Surr: Tetrachloro-m-xylene	0.03776	0	0.05	0	75.5	65.3	133				

Sample ID SP050705A-LCS	SampType: LCS	TestCode: 8082_S	Units: mg/Kg	Prep Date: 7/5/2005	RunNo: 6568
Client ID: ZZZZZ	Batch ID: R6568	TestNo: SW8082		Analysis Date: 7/10/2005	SeqNo: 96389

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.4366	0.10	0.5	0	87.3	66.8	128				
Aroclor 1260	0.4200	0.10	0.5	0	84.0	66.5	133				
Surr: Decachlorobiphenyl	0.04530	0	0.05	0	90.6	66.8	130				
Surr: Tetrachloro-m-xylene	0.03924	0	0.05	0	78.5	65.3	133				

Sample ID SP050705A-LCSD	SampType: LCSD	TestCode: 8082_S	Units: mg/Kg	Prep Date: 7/5/2005	RunNo: 6568
Client ID: ZZZZZ	Batch ID: R6568	TestNo: SW8082		Analysis Date: 7/10/2005	SeqNo: 96390

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.4291	0.10	0.5	0	85.8	66.8	128	0.4366	1.73	30	
Aroclor 1260	0.4260	0.10	0.5	0	85.2	66.5	133	0.42	1.40	30	
Surr: Decachlorobiphenyl	0.04732	0	0.05	0	94.6	66.8	130	0	0	0	
Surr: Tetrachloro-m-xylene	0.03745	0	0.05	0	74.9	65.3	133	0	0	0	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID 0506119-051AMS	SampType: MS	TestCode: 8082_S	Units: mg/Kg	Prep Date: 7/5/2005	RunNo: 6568
Client ID: LSB-7 21/2-3	Batch ID: R6568	TestNo: SW8082		Analysis Date: 7/11/2005	SeqNo: 96405

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.4188	0.10	0.5	0	83.8	66.8	128				
Aroclor 1260	0.5100	0.10	0.5	0	102	66.5	133				
Surr: Decachlorobiphenyl	0.05499	0	0.05	0	110	66.8	130				
Surr: Tetrachloro-m-xylene	0.03347	0	0.05	0	66.9	65.3	133				

Sample ID 0506119-051AMSD	SampType: MSD	TestCode: 8082_S	Units: mg/Kg	Prep Date: 7/5/2005	RunNo: 6568
Client ID: LSB-7 21/2-3	Batch ID: R6568	TestNo: SW8082		Analysis Date: 7/11/2005	SeqNo: 96406

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.3835	0.10	0.5	0	76.7	66.8	128	0.4188	8.81	30	
Aroclor 1260	0.5199	0.10	0.5	0	104	66.5	133	0.51	1.92	30	
Surr: Decachlorobiphenyl	0.05732	0	0.05	0	115	66.8	130	0	0	0	
Surr: Tetrachloro-m-xylene	0.03402	0	0.05	0	68.0	65.3	133	0	0	0	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **MB-R6530**	SampType: **MBLK**	TestCode: **8081_S**	Units: **µg/Kg**	Prep Date: **7/5/2005**	RunNo: **6530**
Client ID: **ZZZZZ**	Batch ID: **R6530**	TestNo: **SW8081A**		Analysis Date: **7/5/2005**	SeqNo: **94744**

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	2.0									
alpha-BHC	ND	2.0									
alpha-Chlordane	ND	2.0									
beta-BHC	ND	2.0									
Chlordane	ND	50									
delta-BHC	ND	2.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	2.0									
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	2.0									
gamma-Chlordane	ND	2.0									
Heptachlor	ND	2.0									
Heptachlor epoxide	ND	2.0									
Methoxychlor	ND	5.0									
Toxaphene	ND	100									
Surr: Decachlorobiphenyl	44.89	0	50	0	89.8	67.1	112				
Surr: Tetrachloro-m-xylene	40.35	0	50	0	80.7	65.7	114				

Sample ID **LCS**	SampType: **LCS**	TestCode: **8081_S**	Units: **µg/Kg**	Prep Date: **7/5/2005**	RunNo: **6530**
Client ID: **ZZZZZ**	Batch ID: **R6530**	TestNo: **SW8081A**		Analysis Date: **7/5/2005**	SeqNo: **94746**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	16.30	2.0	20	0	81.5	62.6	124				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID **LCS**	SampType: **LCS**	TestCode: **8081_S**	Units: **µg/Kg**	Prep Date: **7/5/2005**	RunNo: **6530**
Client ID: **ZZZZZ**	Batch ID: **R6530**	TestNo: **SW8081A**		Analysis Date: **7/5/2005**	SeqNo: **94746**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	15.31	2.0	20	0	76.6	61.4	115				
Dieldrin	16.59	2.0	20	0	83.0	65	122				
Endrin	15.51	2.0	20	0	77.6	62.8	130				
gamma-BHC	13.63	2.0	20	0	68.1	61.6	121				
Heptachlor	14.89	2.0	20	0	74.5	65.5	116				
Surr: Decachlorobiphenyl	44.19	0	50	0	88.4	67.1	112				
Surr: Tetrachloro-m-xylene	44.49	0	50	0	89.0	65.7	114				

Sample ID **LCSD**	SampType: **LCSD**	TestCode: **8081_S**	Units: **µg/Kg**	Prep Date: **7/5/2005**	RunNo: **6530**
Client ID: **ZZZZZ**	Batch ID: **R6530**	TestNo: **SW8081A**		Analysis Date: **7/5/2005**	SeqNo: **94747**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	16.40	2.0	20	0	82.0	62.6	124	16.3	0.652	30	
Aldrin	15.25	2.0	20	0	76.2	61.4	115	15.31	0.406	30	
Dieldrin	16.26	2.0	20	0	81.3	65	122	16.59	2.02	30	
Endrin	15.47	2.0	20	0	77.4	62.8	130	15.51	0.272	30	
gamma-BHC	13.44	2.0	20	0	67.2	61.6	121	13.63	1.38	30	
Heptachlor	14.93	2.0	20	0	74.7	65.5	116	14.89	0.249	30	
Surr: Decachlorobiphenyl	44.92	0	50	0	89.8	67.1	112	0	0	0	
Surr: Tetrachloro-m-xylene	46.15	0	50	0	92.3	65.7	114	0	0	0	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID	0506119-056AMS	SampType:	MS	TestCode:	6010B_S	Units:	mg/Kg	Prep Date:	7/2/2005	RunNo:	6560
Client ID:	LSB-9 21/2-3	Batch ID:	1497	TestNo:	SW6010B	(SW3050B)		Analysis Date:	7/9/2005	SeqNo:	95183

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	106.1	0.50	100	0	106	87.3	122				
Nickel	153.0	0.50	100	39.15	114	69.2	126				
Selenium	111.1	2.0	100	0	111	65	135				
Silver	103.1	1.0	100	0	103	65.4	118				
Thallium	87.45	5.0	100	0	87.4	65	135				
Vanadium	141.7	2.0	100	26.9	115	83.2	112				S
Zinc	156.9	4.0	100	41.19	116	72.6	123				

Sample ID	0506119-027AMSD	SampType:	MSD	TestCode:	6010B_S	Units:	mg/Kg	Prep Date:	7/2/2005	RunNo:	6544
Client ID:	EB-4 0-1/2	Batch ID:	1492	TestNo:	SW6010B	(SW3050B)		Analysis Date:	7/7/2005	SeqNo:	94987

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	58.57	3.0	100	0	58.6	67.6	140	47.9	20.1	30	S
Arsenic	112.3	1.7	100	0	112	73.9	135	124.5	10.4	30	
Barium	185.7	3.0	100	92.74	93.0	70.2	130	199.9	7.35	30	
Beryllium	87.51	2.0	100	0	87.5	89.4	113	96.9	10.2	30	S
Cadmium	86.64	0.50	100	0	86.6	82.4	125	94.54	8.72	30	
Chromium	110.9	0.50	100	21.85	89.1	68.1	122	118	6.22	30	
Cobalt	92.23	0.50	100	15.39	76.8	73.7	120	103.4	11.5	30	
Copper	125.3	0.50	100	35.85	89.4	92.1	118	136.5	8.56	30	S
Lead	182.8	0.37	100	79.24	104	67.9	118	187.1	2.33	30	
Molybdenum	84.05	0.50	100	0	84.0	87.3	122	87.83	4.40	30	S
Nickel	125.4	0.50	100	52.95	72.4	69.2	126	128.1	2.16	30	
Selenium	89.16	2.0	100	0	89.2	65	135	87.28	2.13	30	
Silver	89.72	1.0	100	0	89.7	65.4	118	96.38	7.16	30	
Thallium	78.13	5.0	100	0	78.1	65	135	83.1	6.16	30	
Vanadium	144.7	2.0	100	66.41	78.3	83.2	112	146.9	1.50	30	S
Zinc	237.1	4.0	100	135.5	102	72.6	123	237.1	0.0352	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID	0506119-056AMSD	SampType:	MSD	TestCode:	6010B_S	Units:	mg/Kg	Prep Date:	7/2/2005	RunNo:	6560
Client ID:	LSB-9 21/2-3	Batch ID:	1497	TestNo:	SW6010B	(SW3050B)		Analysis Date:	7/9/2005	SeqNo:	95184

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	115.0	3.0	100	0	115	67.6	140	117.8	2.41	30	
Arsenic	136.3	1.7	100	0	136	73.9	135	129.9	4.77	30	S
Barium	250.7	3.0	100	123.1	128	70.2	130	251.8	0.422	30	
Beryllium	92.20	2.0	100	0	92.2	89.4	113	112.4	19.7	30	
Cadmium	101.7	0.50	100	0	102	82.4	125	108.2	6.18	30	
Chromium	132.1	0.50	100	27.56	105	68.1	122	133.4	0.951	30	
Cobalt	92.77	0.50	100	8.63	84.1	73.7	120	93.85	1.16	30	
Copper	122.6	0.50	100	15.45	107	92.1	118	126.3	3.00	30	
Lead	106.5	0.37	100	5.605	101	67.9	118	115.2	7.81	30	
Molybdenum	104.7	0.50	100	0	105	87.3	122	106.1	1.30	30	
Nickel	152.8	0.50	100	39.15	114	69.2	126	153	0.144	30	
Selenium	98.67	2.0	100	0	98.7	65	135	111.1	11.8	30	
Silver	101.9	1.0	100	0	102	65.4	118	103.1	1.19	30	
Thallium	82.44	5.0	100	0	82.4	65	135	87.45	5.89	30	
Vanadium	145.9	2.0	100	26.9	119	83.2	112	141.7	2.89	30	S
Zinc	150.5	4.0	100	41.19	109	72.6	123	156.9	4.11	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID 1492-LCSD	SampType: LCSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6544
Client ID: ZZZZZ	Batch ID: 1492	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/7/2005	SeqNo: 94999

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	100.1	0.50	100	0	100	87.3	122	106.5	6.17	30	
Nickel	99.98	0.50	100	0.295	99.7	69.2	126	104.9	4.80	30	
Selenium	89.72	2.0	100	0	89.7	75	125	100.3	11.2	30	
Silver	99.60	1.0	100	0	99.6	65.4	118	104.4	4.73	30	
Thallium	93.01	5.0	100	0	93.0	75	125	95.12	2.24	30	
Vanadium	97.73	2.0	100	0	97.7	83.2	112	105.4	7.57	30	
Zinc	98.73	4.0	100	0	98.7	72.6	123	104.2	5.35	30	

Sample ID 1497-LCSD	SampType: LCSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6560
Client ID: ZZZZZ	Batch ID: 1497	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/9/2005	SeqNo: 95201

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	119.2	3.0	100	0	119	67.6	140	113.1	5.26	30	
Arsenic	115.3	1.7	100	0	115	73.9	135	116.7	1.27	30	
Barium	95.25	3.0	100	0	95.2	70.2	130	94	1.32	30	
Beryllium	94.12	2.0	100	0	94.1	89.4	113	94.04	0.0837	30	
Cadmium	90.78	0.50	100	0	90.8	82.4	125	87.47	3.71	30	
Chromium	87.01	0.50	100	0	87.0	68.1	122	84.71	2.68	30	
Cobalt	92.33	0.50	100	0	92.3	73.7	120	89.55	3.05	30	
Copper	93.22	0.50	100	0	93.2	92.1	118	94.22	1.06	30	
Lead	85.66	0.37	100	0	85.7	67.9	118	86.16	0.581	30	
Molybdenum	100.7	0.50	100	0	101	87.3	122	98.07	2.69	30	
Nickel	87.33	0.50	100	0	87.3	69.2	126	85.62	1.97	30	
Selenium	84.11	2.0	100	0	84.1	75	125	82.74	1.65	30	
Silver	86.96	1.0	100	0	87.0	65.4	118	85.46	1.74	30	
Thallium	88.85	5.0	100	2.984	85.9	75	125	85.01	4.41	30	
Vanadium	96.35	2.0	100	0	96.4	83.2	112	92.65	3.91	30	
Zinc	91.28	4.0	100	0	91.3	72.6	123	89.87	1.56	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID 0506119-027AMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6544
Client ID: EB-4 0-1/2	Batch ID: 1492	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/7/2005	SeqNo: 94986

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	47.90	3.0	100	0	47.9	67.6	140				S
Arsenic	124.5	1.7	100	0	125	73.9	135				
Barium	199.9	3.0	100	92.74	107	70.2	130				
Beryllium	96.90	2.0	100	0	96.9	89.4	113				
Cadmium	94.54	0.50	100	0	94.5	82.4	125				
Chromium	118.0	0.50	100	21.85	96.2	68.1	122				
Cobalt	103.4	0.50	100	15.39	88.1	73.7	120				
Copper	136.5	0.50	100	35.85	101	92.1	118				
Lead	187.1	0.37	100	79.24	108	67.9	118				
Molybdenum	87.83	0.50	100	0	87.8	87.3	122				
Nickel	128.1	0.50	100	52.95	75.2	69.2	126				
Selenium	87.28	2.0	100	0	87.3	65	135				
Silver	96.38	1.0	100	0	96.4	65.4	118				
Thallium	83.10	5.0	100	0	83.1	65	135				
Vanadium	146.9	2.0	100	66.41	80.5	83.2	112				S
Zinc	237.1	4.0	100	135.5	102	72.6	123				

Sample ID 0506119-056AMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6560
Client ID: LSB-9 21/2-3	Batch ID: 1497	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/9/2005	SeqNo: 95183

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	117.8	3.0	100	0	118	67.6	140				
Arsenic	129.9	1.7	100	0	130	73.9	135				
Barium	251.8	3.0	100	123.1	129	70.2	130				
Beryllium	112.4	2.0	100	0	112	89.4	113				
Cadmium	108.2	0.50	100	0	108	82.4	125				
Chromium	133.4	0.50	100	27.56	106	68.1	122				
Cobalt	93.85	0.50	100	8.63	85.2	73.7	120				
Copper	126.3	0.50	100	15.45	111	92.1	118				
Lead	115.2	0.37	100	5.605	110	67.9	118				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID 1497-MBLK	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6560
Client ID: ZZZZZ	Batch ID: 1497	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/9/2005	SeqNo: 95202

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.37									
Molybdenum	ND	0.50									
Nickel	ND	0.50									
Selenium	ND	2.0									
Silver	ND	1.0									
Thallium	ND	5.0									
Vanadium	ND	2.0									
Zinc	ND	4.0									

Sample ID 1492-LCS	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6544
Client ID: ZZZZZ	Batch ID: 1492	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/7/2005	SeqNo: 94998

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	103.2	3.0	100	0	103	67.6	140				
Arsenic	115.7	1.7	100	0	116	73.9	135				
Barium	106.1	3.0	100	0	106	70.2	130				
Beryllium	104.2	2.0	100	0	104	89.4	113				
Cadmium	105.5	0.50	100	0	106	82.4	125				
Chromium	104.6	0.50	100	0	105	68.1	122				
Cobalt	101.4	0.50	100	0	101	73.7	120				
Copper	106.4	0.50	100	0	106	92.1	118				
Lead	102.9	0.37	100	0	103	67.9	118				
Molybdenum	106.5	0.50	100	0	107	87.3	122				
Nickel	104.9	0.50	100	0.295	105	69.2	126				
Selenium	100.3	2.0	100	0	100	75	125				
Silver	104.4	1.0	100	0	104	65.4	118				
Thallium	95.12	5.0	100	0	95.1	75	125				
Vanadium	105.4	2.0	100	0	105	83.2	112				
Zinc	104.2	4.0	100	0	104	72.6	123				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID 1497-LCS	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6560
Client ID: ZZZZZ	Batch ID: 1497	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/9/2005	SeqNo: 95200

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	113.1	3.0	100	0	113	67.6	140				
Arsenic	116.7	1.7	100	0	117	73.9	135				
Barium	94.00	3.0	100	0	94.0	70.2	130				
Beryllium	94.04	2.0	100	0	94.0	89.4	113				
Cadmium	87.47	0.50	100	0	87.5	82.4	125				
Chromium	84.71	0.50	100	0	84.7	68.1	122				
Cobalt	89.55	0.50	100	0	89.6	73.7	120				
Copper	94.22	0.50	100	0	94.2	92.1	118				
Lead	86.16	0.37	100	0	86.2	67.9	118				
Molybdenum	98.07	0.50	100	0	98.1	87.3	122				
Nickel	85.62	0.50	100	0	85.6	69.2	126				
Selenium	82.74	2.0	100	0	82.7	75	125				
Silver	85.46	1.0	100	0	85.5	65.4	118				
Thallium	85.01	5.0	100	2.984	82.0	75	125				
Vanadium	92.65	2.0	100	0	92.7	83.2	112				
Zinc	89.87	4.0	100	0	89.9	72.6	123				

Sample ID 1492-LCSD	SampType: LCSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/2/2005	RunNo: 6544
Client ID: ZZZZZ	Batch ID: 1492	TestNo: SW6010B	(SW3050B)	Analysis Date: 7/7/2005	SeqNo: 94999

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	112.4	3.0	100	0	112	67.6	140	103.2	8.55	30	
Arsenic	108.8	1.7	100	0	109	73.9	135	115.7	6.09	30	
Barium	96.38	3.0	100	0	96.4	70.2	130	106.1	9.60	30	
Beryllium	97.40	2.0	100	0	97.4	89.4	113	104.2	6.74	30	
Cadmium	101.5	0.50	100	0	102	82.4	125	105.5	3.84	30	
Chromium	102.0	0.50	100	0	102	68.1	122	104.6	2.51	30	
Cobalt	94.57	0.50	100	0	94.6	73.7	120	101.4	6.92	30	
Copper	100.9	0.50	100	0	101	92.1	118	106.4	5.29	30	
Lead	97.69	0.37	100	0	97.7	67.9	118	102.9	5.22	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TPH_GAS_S_8015B

Sample ID **LCS**	SampType: **LCS**	TestCode: **TPH_GAS_S**	Units: **mg/Kg**	Prep Date: **7/6/2005**	RunNo: **6527**
Client ID: **ZZZZZ**	Batch ID: **R6527**	TestNo: **SW8015B**		Analysis Date: **7/6/2005**	SeqNo: **95013**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	0.9036	0.100	1	0	90.4	64.2	126				
Surr: Trifluorotoluene	0.2218	0	0.2	0	111	44.7	125				

Sample ID **LCS**	SampType: **LCS**	TestCode: **TPH_GAS_S**	Units: **mg/Kg**	Prep Date: **7/8/2005**	RunNo: **6565**
Client ID: **ZZZZZ**	Batch ID: **R6565**	TestNo: **SW8015B**		Analysis Date: **7/8/2005**	SeqNo: **95290**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	0.8326	0.100	1	0	83.3	64.2	126				
Surr: Trifluorotoluene	0.2245	0	0.2	0	112	44.7	125				

Sample ID **LCSD**	SampType: **LCS**	TestCode: **TPH_GAS_S**	Units: **mg/Kg**	Prep Date: **7/8/2005**	RunNo: **6565**
Client ID: **ZZZZZ**	Batch ID: **R6565**	TestNo: **SW8015B**		Analysis Date: **7/8/2005**	SeqNo: **95291**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	0.8593	0.100	1	0	85.9	64.2	126	0.8326	3.16	0	
Surr: Trifluorotoluene	0.2196	0	0.2	0	110	44.7	125	0	0	0	

Sample ID **LCS**	SampType: **LCS**	TestCode: **TPH_GAS_S**	Units: **mg/Kg**	Prep Date: **7/10/2005**	RunNo: **6572**
Client ID: **ZZZZZ**	Batch ID: **R6572**	TestNo: **SW8015B**		Analysis Date: **7/10/2005**	SeqNo: **95429**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	0.6594	0.100	1	0	65.9	64.2	126				
Surr: Trifluorotoluene	0.2165	0	0.2	0	108	44.7	125				

Sample ID **LCSD**	SampType: **LCSD**	TestCode: **TPH_GAS_S**	Units: **mg/Kg**	Prep Date: **7/5/2005**	RunNo: **6527**
Client ID: **ZZZZZ**	Batch ID: **R6527**	TestNo: **SW8015B**		Analysis Date: **7/5/2005**	SeqNo: **94692**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	0.8846	0.100	1	0	88.5	64.2	126	0.8676	1.94	30	
Surr: Trifluorotoluene	0.1747	0	0.2	0	87.4	44.7	125	0	0	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Lowney Associates(Oakland)
Work Order: 0506119
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: TPH_GAS_S_8015B

Sample ID **LCSD**	SampType: **LCSD**	TestCode: **TPH_GAS_S**	Units: **mg/Kg**	Prep Date: **7/6/2005**	RunNo: **6527**
Client ID: **ZZZZZ**	Batch ID: **R6527**	TestNo: **SW8015B**		Analysis Date: **7/6/2005**	SeqNo: **95014**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	0.8411	0.100	1	0	84.1	64.2	126	0.9036	7.16	30	
Surr: Trifluorotoluene	0.2169	0	0.2	0	108	44.7	125	0	0	30	

Sample ID **LCSD**	SampType: **LCSD**	TestCode: **TPH_GAS_S**	Units: **mg/Kg**	Prep Date: **7/10/2005**	RunNo: **6572**
Client ID: **ZZZZZ**	Batch ID: **R6572**	TestNo: **SW8015B**		Analysis Date: **7/10/2005**	SeqNo: **95430**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	0.8476	0.100	1	0	84.8	64.2	126	0.6594	25.0	30	
Surr: Trifluorotoluene	0.2043	0	0.2	0	102	44.7	125	0	0	30	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

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San Ramon 94583
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Fax: 925.275.2555

CHAIN OF CUSTODY RECORD

Project Name: Giant Road
Job No.: 1424-401
Report To: Peter Langtry
Sampler (print): Charles Mettler
Sampler (signature): Chl Mtl
Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED 050619

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas (BTEX) Method: ☐8015/8021 ☐8260	TPH as diesel (8015M) Add silica gel column Add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☐17 CAM *Please filter water samples before preserve*	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	TOL CHHL-939-4)			Remarks
TP-4 0-½	6-29-05		013A	soil	1	✓	✓								✓			
TP-4 3½-4			014A			✓	✓								✓			
TP-4 7½-8			015A															Hold
TP-4 9-9½			016A			✓	✓								✓			
EB-1 0-½			017A				✓				✓				✓			
EB-1 2½-3			018A				✓				✓							
EB-1 5½-6			019A				✓				✓							
* EB-2 0-½		Missing	020A				✓				✓				✓			Hold
* EB-2 2½-3			021A				✓				✓							Hold
* EB-2 3½-4			022A															Hold
EB-2 5½-6			023A				✓				✓							
EB-3 0-½	✓		024A	↓	↓		✓			✓	✓		✓	✓	✓			

Relinquished By: Chl Mtl	Date: 6-30-05	Time: 9:10	Received By:	Date: 6-30-05	Time: 9:10	PM Initial:
Relinquished By:	Date: 6-30-05	Time: 10:00	Received By: Hang Nak	Date: 6/30/05	Time: 10:00	
Relinquished By:	Date:	Time:	Lab of Record:			Temp:
			Received by Lab:	Date:	Time:	

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San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

CHAIN OF CUSTODY RECORD

Project Name: Giant Road
Job No.: 1424-401
Report To: Peter Langtry
Sampler (print): Charles Mettler
Sampler (signature): Chl Mtl
Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED 050619

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas (BTEX) Method: ☐8015/8021 ☐8260	TPH as diesel (8015M) Add silica gel column Add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☐17 CAM *Please filter water samples before preserve*	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	TOL CHHL-939-4)			Remarks
TP-1 0-½	6-29-05		001A	soil	1	✓	✓								✓			
TP-1 3½-4			002A			✓	✓								✓			
TP-1 7½-8			003A															Hold
TP-1 9-9½			004A			✓	✓								✓			
TP-2 0-½			005A			✓	✓								✓			
TP-2 3½-4			006A			✓	✓								✓			
TP-2 6-6½			007A															Hold
TP-2 7½-8			008A			✓	✓								✓			
TP-3 0-½			009A			✓	✓								✓			
TP-3 3½-4			010A			✓	✓								✓			
TP-3 7-7½			011A															Hold
TP-3 9½-10	✓		012A	↓	↓	✓	✓								✓			

Relinquished By: Chl Mtl	Date: 6-30-05	Time: 9:10	Received By:	Date: 6-30-05	Time: 9:10	PM Initial:
Relinquished By:	Date: 6-30-05	Time: 10:00	Received By: Hang Nak	Date: 6-30-05	Time: 10:00	
Relinquished By:	Date:	Time:	Lab of Record:			Temp:
			Received by Lab:	Date:	Time:	

login. kk 6/30/05

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CHAIN OF CUSTODY RECORD

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Fax: 714.441.3091

☐ **San Ramon Office**
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

Project Name: Giant Road
Job No.: 1424-40A
Report To: Peter Langtry
Sampler (print): Charles Mettler
Sampler (signature): C L Mettler

Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED 05 06 119

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: ☐8015/8021 ☐8260	TPH as diesel (8015M) ☒add silica gel ☐add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☒17 CAM *Please filter water samples before preserve*	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	TOL (HML-939-41)			Remarks
LSB-2 2½-2½	6-29-05		037A	Soil	1										✓			
LSB-2 3½-4			038A															hold
LSB-3 0-½			039A															
LSB-3 2-2½			040A												✓			
LSB-3 3½-4			041A												✓			
LSB-4 0-½			042A															hold
LSB-4 2-2½			043A												✓			
LSB-4 3½-4			044A												✓			
LSB-5 0-½			045A															hold
LSB-5 2½-3			046A			✓				✓	✓		✓	✓	✓			
LSB-5 3½-4			047A			✓				✓	✓		✓	✓				
LSB-6 0-½			048A			✓				✓	✓		✓	✓	✓			hold

Relinquished By: C L Mettler	Date: 6-30-05	Time: 9:10	Received By: [signature] Date: 6-30-05 Time: 9:10
Relinquished By: [signature]	Date: 6-30-05	Time: 10:00	Received By: Hang Shi Date: 6-30-05 Time: 10:00
Relinquished By:	Date:	Time:	Lab of Record:
			Received by Lab: Date: Time:

PM Initial:
Temp:

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CHAIN OF CUSTODY RECORD

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☐ **San Ramon Office**
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Tel: 925.275.2555
Fax: 925.275.2555

Project Name: Giant Road
Job No.: 1424-40A
Report To: Mark Arniola
Sampler (print): Charles Mettler
Sampler (signature): C L Mettler

Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____

QC Requirement:
☒ Level A (standard)

ANALYSES REQUESTED 05 06 119

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: ☐8015/8021 ☐8260	TPH as diesel (8015M) ☒add silica gel ☐add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ☐As, Pb, Hg ☒17 CAM *Please filter water samples before preserve*	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	TOL (HML-939-41)			Remarks
EB-3 2½-3	6-29-05		025A	Soil	1		✓				✓							
EB-3 5½-6			026A				✓				✓				✓			
EB-4 0-½			027A				✓				✓							
EB-4 2½-3			028A				✓				✓							
EB-4 5½-6			029A				✓				✓							
EB-5 0-½			030A				✓			✓	✓		✓	✓	✓			
EB-5 2½-3			031A				✓				✓							
EB-5 5½-6			032A				✓				✓							
LSB-1 0-½			033A												✓			
LSB-1 2-2½			034A												✓			
LSB-1 3½-4			035A												✓			
LSB-2 0-½			036A												✓			

Relinquished By: C L Mettler	Date: 6-30-05	Time: 9:10	Received By: [signature] Date: 6-30-05 Time: 9:10
Relinquished By: [signature]	Date: 6-30-05	Time: 10:00	Received By: Hang Shi Date: 6/30/05 Time: 10:00
Relinquished By:	Date:	Time:	Lab of Record:
			Received by Lab: Date: Time:

PM Initial:
Temp:

page 3 of

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

☐ **Mountain View Office**
405 Clyde Ave.
Mountain View 94043
Tel: 650.967.2365
Fax: 650.967.2785

☒ **Oakland Office**
167 Filbert St.
Oakland 94607
Tel: 510.267.1970
Fax: 510.267.1972

☐ **Fullerton Office**
251 E. Imperial Hwy. #470
Fullerton 92835
Tel: 714.441.3090
Fax: 714.441.3091

☐ **San Ramon Office**
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

CHAIN OF CUSTODY RECORD

Project Name: Giant Road
Job No.: 1424-404
Report To: Peter Langtry
Sampler (print): Charles Mettler
Sampler (signature): C C Mettler
Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____
QC Requirement: ☒ Level A (standard)

ANALYSES REQUESTED 0506119

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: ☐8015/8021 ☐8260	TPH as diesel (8015M) ☐add silica gel column ☐add Oil Range	TPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ~~Base/Neut~~ ☒17 CAM *Please filter water samples before preserve*	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)				Remarks
LSB-11 2½-3	6-29-05		061A	soil	1		✓				✓							

Relinquished By: C C Mettler Date: 6-30-05 Time: 9:10
Relinquished By: Date: 6-30-05 Time: 10:00
Relinquished By: Date: Time:

Received By: Date: 6/30/05 Time: 9:10
Received By: Date: 6/30/05 Time: 10:00
Lab of Record:
Received by Lab: Date: Time:

PM Initial:
Temp:

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

☐ **Mountain View Office**
405 Clyde Ave.
Mountain View 94043
Tel: 650.967.2365
Fax: 650.967.2785

☒ **Oakland Office**
167 Filbert St.
Oakland 94607
Tel: 510.267.1970
Fax: 510.267.1972

☐ **Fullerton Office**
251 E. Imperial Hwy. #470
Fullerton 92835
Tel: 714.441.3090
Fax: 714.441.3091

☐ **San Ramon Office**
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

CHAIN OF CUSTODY RECORD

Project Name: Giant Road
Job No.: 1424-404
Report To: Peter Langtry
Sampler (print): Charles Mettler
Sampler (signature): C C Mettler
Electronic Deliverable Format Required: ☐ YES ☐ NO
EDF LOGCODE: ☐ LAMV ☐ LAO ☐ LAF
Global ID # :

Turnaround Requirements
☒ 5 Working Days
☐ 48 Hours
☐ 24 Hours
☐ 2-3 Hours RUSH
☐ _____
QC Requirement: ☒ Level A (standard)

ANALYSES REQUESTED 0506119

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: ☐8015/8021 ☐8260	TPH as diesel (8015M) ☐add silica gel column ☐add Oil Range	TPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: ☐8021 ☐8260 ☐add BTEX	Organochlorine Pesticides (8081)	Metals: ~~Base/Neut~~ ☒17 CAM *Please filter water samples before preserve*	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	TDL (HML-939-A)			Remarks
LSB-6 2½-3	6-29-05		049A	soil	1		✓			✓	✓		✓	✓				
LSB-7 0-½			050A				✓			✓	✓		✓	✓				
LSB-7 2½-3			051A				✓			✓	✓		✓	✓	✓			
LSB-7 3-3½			052A				✓			✓	✓		✓	✓				Hold
LSB-8 0-½			053A				✓			✓	✓		✓	✓	✓			
LSB-8 2½-3			054A				✓			✓	✓		✓	✓				
LSB-9 0-½			055A				✓			✓	✓		✓	✓	✓			
LSB-9 2½-3			056A				✓			✓	✓		✓	✓				
LSB-10 0-½			057A				✓			✓	✓		✓	✓	✓			
LSB-10 2½-3			058A				✓				✓							
LSB-10 3½-4			059A				✓				✓							
LSB-11 0-½			060A				✓			✓	✓		✓	✓	✓			Hold

Relinquished By: C C Mettler Date: 6-30-05 Time: 9:10
Relinquished By: Date: 6-30-05 Time: 10:00
Relinquished By: Date: Time:

Received By: Date: 6/30/05 Time: 9:10
Received By: Date: 6/30/05 Time: 10:00
Lab of Record:
Received by Lab: Date: Time:

PM Initial:
Temp:

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0507017 **ClientID:** TLI

Report to:		Bill to:	Requested TAT: 5 days
Onyi Nwogu	TEL: 408-263-5258	Falguni	
Torrent Laboratory, Inc.	FAX: 408-263-8293	Torrent Laboratory, Inc.	
483 Sinclair Frontage Road	ProjectNo: #0506119	483 Sinclair Frontage Road	*Date Received:* 07/01/2005
Milpitas, CA 95035	PO:	Milpitas, CA 95035	*Date Printed:* 07/01/2005

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0507017-001	0506119-001A	Soil	06/29/2005	☐	A	A													
0507017-002	0506119-002A	Soil	06/29/2005	☐	A														
0507017-003	0506119-004A	Soil	06/29/2005	☐	A														
0507017-004	0506119-005A	Soil	06/29/2005	☐	A														
0507017-005	0506119-006A	Soil	06/29/2005	☐	A														
0507017-006	0506119-008A	Soil	06/29/2005	☐	A														
0507017-007	0506119-009A	Soil	06/29/2005	☐	A														
0507017-008	0506119-010A	Soil	06/29/2005	☐	A														
0507017-009	0506119-012A	Soil	06/29/2005	☐	A														
0507017-010	0506119-013A	Soil	06/29/2005	☐	A														
0507017-011	0506119-014A	Soil	06/29/2005	☐	A														
0507017-012	0506119-016A	Soil	06/29/2005	☐	A														
0507017-013	0506119-017A	Soil	06/29/2005	☐	A														
0507017-014	0506119-024A	Soil	06/29/2005	☐	A														
0507017-015	0506119-027A	Soil	06/29/2005	☐	A														

Test Legend:

1	OPB_S	2	PRCOURIER TRIP	3		4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Jul 07 2005 1:25PM McCAMPBELL ANALYTICAL 9257984612 P.6

Torrent Laboratory, Inc.

Sample Receipt Checklist

Client Name: LOWNEY ASSOCIATES(OAK) Date and Time Received: 6/30/2005

Work Order Number 0506119 Received by: HD

Checklist completed by: Signature / Date Reviewed by: Initials / Date

Matrix: Carrier name: faultline

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☐	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No
Water - pH acceptable upon receipt?	Yes ☐	No ☑	

Adjusted? Checked by

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted: Date contacted: Person contacted:

Contacted by: Regarding:

Comments: 0506119-020A EB-2 0-1/2 missing 2 sleeve with same Id
0506119-021A EB-2 2 1/2-3

Corrective Action:

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0507017 **ClientID: TLI**

Report to:
Onyi Nwogu
Torrent Laboratory, Inc.
483 Sinclair Frontage Road
Milpitas, CA 95035

TEL: 408-263-5258
FAX: 408-263-8293
ProjectNo: #0506119
PO:

Bill to:
Falguni
Torrent Laboratory, Inc.
483 Sinclair Frontage Road
Milpitas, CA 95035

Requested TAT: 5 days
Date Received: **07/01/2005**
Date Printed: **07/01/2005**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0507017-031	0506119-057A	Soil	06/29/2005	☐	A														
0507017-032	0506119-060A	Soil	06/29/2005	☐	A														

Test Legend:

1	OPB_S	2	PRCOURIER TRIP	3		4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0507017 **ClientID: TLI**

Report to:
Onyi Nwogu
Torrent Laboratory, Inc.
483 Sinclair Frontage Road
Milpitas, CA 95035

TEL: 408-263-5258
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ProjectNo: #0506119
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Bill to:
Falguni
Torrent Laboratory, Inc.
483 Sinclair Frontage Road
Milpitas, CA 95035

Requested TAT: 5 days
Date Received: **07/01/2005**
Date Printed: **07/01/2005**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0507017-016	0506119-030A	Soil	06/29/2005	☐	A														
0507017-017	0506119-033A	Soil	06/29/2005	☐	A														
0507017-018	0506119-034A	Soil	06/29/2005	☐	A														
0507017-019	0506119-035A	Soil	06/29/2005	☐	A														
0507017-020	0506119-036A	Soil	06/29/2005	☐	A														
0507017-021	0506119-037A	Soil	06/29/2005	☐	A														
0507017-022	0506119-039A	Soil	06/29/2005	☐	A														
0507017-023	0506119-040A	Soil	06/29/2005	☐	A														
0507017-024	0506119-042A	Soil	06/29/2005	☐	A														
0507017-025	0506119-043A	Soil	06/29/2005	☐	A														
0507017-026	0506119-045A	Soil	06/29/2005	☐	A														
0507017-027	0506119-048A	Soil	06/29/2005	☐	A														
0507017-028	0506119-050A	Soil	06/29/2005	☐	A														
0507017-029	0506119-053A	Soil	06/29/2005	☐	A														
0507017-030	0506119-055A	Soil	06/29/2005	☐	A														

Test Legend:

1	OPB_S	2	PRCOURIER TRIP	3		4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

TORRENT LABORATORY, INC.
483 Sinclair Frontage Road, Milpitas, CA 95035
Phone: 408.263.5258 • FAX: 408.263.8293
www.torrentlab.com • email: analysis@torrentlab.com

CHAIN OF CUSTODY

LAB WORK ORDER NO: 0506119

Company Name: Torrent TLI 0507017		Location of Sampling: N/A	
Address: As Above		Purpose: N/A	
City:	State:	Zip Code:	Special Instructions / Comments:
Telephone:	FAX:		
REPORT TO: Onyi Nwogu	SAMPLER:	P.O. #:	EMAIL: pm@torrentlab.com

TURNAROUND TIME: ☐ 10 Working Days ☐ 3 Working Days ☐ 2 - 8 Hours ☐ 7 Working Days ☐ 2 Working Days ☐ Other ☒ 5 Working Days ☐ 24 Hours

SAMPLE TYPE: ☐ Storm Water ☐ Other ☐ Waste Water ☐ Ground Water ☒ Soil

REPORT FORMAT: ☐ QC Level II ☐ EDF ☐ Excel / EDD

ANALYSIS REQUESTED: TOL (HML-939-21)

CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	TOL	TORRENT'S SAMPLE I.D.
1. 0506119-001A	6/29/05	Soil	1	G;J	X	
2. -002A					X	
3. -004A					X	
4. -005A					X	
5. -006A					X	
6. -008A					X	
7. -009A					X	
8. -010A					X	
9. -012A					X	
10. -013A					X	

TORRENT LAB

ICE/t: GOOD CONDITION ✓ HEAD SPACE ABSENT DECHLORINATED IN LAB APPROPRIATE CONTAINERS ✓ PRESERVED IN LAB

PRESERVATION: VOAs | O&G | METALS | OTHER

		Date:	Time:	Received By:	Date:	Time:
1	Relinquished By: Kyba	6/30/05	12:00pm		7/1/05	2:46
2	Relinquished By:	7/1/05	540	Received By: [illegible]	7/1/05	5:40pm

Were Samples Received in Good Condition? ☐ Yes ☐ NO Samples on Ice? ☐ Yes ☐ NO Method of Shipment ____ Sample seals Intact? ☐ Yes ☐ NO

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Page 1 of 4

TORRENT LABORATORY, INC.
483 Sinclair Frontage Road, Milpitas, CA 95035
Phone: 408.263.5258 • FAX: 408.263.8293
www.torrentlab.com • email: analysis@torrentlab.com

CHAIN OF CUSTODY

LAB WORK ORDER NO: 0506119

Company Name: Torrent		Location of Sampling: N/A	
Address: As Above		Purpose: N/A	
City:	State:	Zip Code:	Special Instructions / Comments:
Telephone:	FAX:		
REPORT TO: Onyi Nwogu	SAMPLER:	P.O. #:	EMAIL: pm@torrentlab.com

TURNAROUND TIME: ☐ 10 Working Days ☐ 3 Working Days ☐ 2 - 8 Hours ☐ 7 Working Days ☐ 2 Working Days ☐ Other ☒ 5 Working Days ☐ 24 Hours

SAMPLE TYPE: ☐ Storm Water ☐ Other ☐ Waste Water ☐ Ground Water ☒ Soil

REPORT FORMAT: ☐ QC Level II ☐ EDF ☐ Excel / EDD

ANALYSIS REQUESTED: TOL

CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	TOL	TORRENT'S SAMPLE I.D.
1. 0506119-014A	6/29/05	S	1	G;J	X	
2. -016A					X	
3. -017A					X	
4. -020A					X	over 6/30/05
5. -024A					X	
6. -027A					X	
7. -030A					X	
8. -033A					X	
9. -034A					X	
10. -035A					X	

TORRENT LAB

		Date:	Time:	Received By:	Date:	Time:
1	Relinquished By: Kyba	6/30/05	12:00pm		7/1/05	2:46
2	Relinquished By:	7/1/05	540	Received By: [illegible]	7/1/05	5:40pm

Were Samples Received in Good Condition? ☐ Yes ☐ NO Samples on Ice? ☐ Yes ☐ NO Method of Shipment ____ Sample seals Intact? ☐ Yes ☐ NO

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Page 2 of 4

TORRENT LABORATORY, INC.
463 Sinclair Frontage Road, Milpitas, CA 95035
Phone: 408.263.5258 • FAX: 408.263.8293
www.torrentlab.com • email: analysis@torrentlab.com

CHAIN OF CUSTODY

SHADED AREA FOR TORRENT LAB USE ONLY

LAB WORK ORDER NO: 0506119

Company Name: Torrent		Location of Sampling: N/A	
Address: As Above		Purpose: N/A	
City:	State:	Zip Code:	Special Instructions / Comments:
Telephone:	FAX:		
REPORT TO: Dyyl Nuygu	SAMPLER:	P.O. #:	EMAIL: pm@torrentlab.com

TURNAROUND TIME: ☐ 10 Working Days ☐ 3 Working Days ☐ 2 - 8 Hours ☐ 7 Working Days ☐ 2 Working Days ☐ Other ☒ 5 Working Days ☐ 24 Hours

SAMPLE TYPE: ☐ Storm Water ☐ Other ☐ Waste Water ☐ Ground Water ☒ Soil

REPORT FORMAT: ☐ QC Level II ☐ EDF ☐ Excel / EDD

ANALYSIS REQUESTED: TOL

CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	TOL	TORRENT'S SAMPLE I.D.
1. 0506119-036A	6/29/05	Soil	1	GJ	X	TORRENT LAB
2. -037A					X	
3. -039A					X	
4. -040A					X	
5. -042A					X	
6. -043A					X	
7. -045A					X	
8. -048A					X	
9. -050A					X	
10. -053A					X	

	Relinquished By:	Date:	Time:	Received By:	Date:	Time:
1	Kuba	6/30/05	12:00pm		7/1/05	246
2		7/1/05	540	Mel Vaca	7/1/05	5:40pm

Were Samples Received in Good Condition? ☐ Yes ☐ NO Samples on Ice? ☐ Yes ☐ NO Method of Shipment _____ Sample seals Intact? ☐ Yes ☐ NO

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Page 3 of 4

Jul 07 2005 1:22PM McCAMPBELL ANALYTICAL 9257984612 P.4

TORRENT LABORATORY, INC.
463 Sinclair Frontage Road, Milpitas, CA 95035
Phone: 408.263.5258 • FAX: 408.263.8293
www.torrentlab.com • email: analysis@torrentlab.com

CHAIN OF CUSTODY

SHADED AREA FOR TORRENT LAB USE ONLY

LAB WORK ORDER NO: 0506119

Company Name: Torrent		Location of Sampling: N/A	
Address: As Above		Purpose: N/A	
City:	State:	Zip Code:	Special Instructions / Comments:
Telephone:	FAX:		
REPORT TO: Dyyl Nuygu	SAMPLER:	P.O. #:	EMAIL: pm@torrentlab.com

TURNAROUND TIME: ☐ 10 Working Days ☐ 3 Working Days ☐ 2 - 8 Hours ☐ 7 Working Days ☐ 2 Working Days ☐ Other ☒ 5 Working Days ☐ 24 Hours

SAMPLE TYPE: ☐ Storm Water ☐ Other ☐ Waste Water ☐ Ground Water ☒ Soil

REPORT FORMAT: ☐ QC Level II ☐ EDF ☐ Excel / EDD

ANALYSIS REQUESTED: TOL

CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	TOL	TORRENT'S SAMPLE I.D.
1. 0506119-055A	6/29/05	S	1	GS	X	TORRENT LAB
2. -057A					X	
3. -060A					X	
4.						
5.						
6.						
7.						
8.						
9.						
10.						

	Relinquished By:	Date:	Time:	Received By:	Date:	Time:
1	Kuba	6/30/05	12:00pm		7/1/05	246
2		7/1/05	540	Mel Vaca	7/1/05	5:40pm

Were Samples Received in Good Condition? ☐ Yes ☐ NO Samples on Ice? ☐ Yes ☐ NO Method of Shipment _____ Sample seals Intact? ☐ Yes ☐ NO

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Page 4 of 4

Log In By: _____ Date: _____ Log In Reviewed By: _____ Date: _____

Jul 07 2005 1:23PM McCAMPBELL ANALYTICAL 9257984612 P.5

APPENDIX E

SCREENING OF REMEDIAL ACTION ALTERNATIVES

SCREENING OF REMEDIAL ACTION ALTERNATIVES

Alternative		Screening Criteria		
Number	Name	Effectiveness	Implementability	Estimated Cost with 20% Contingency*
1	No Action	Not effective; it does not meet the remedial action objective.	Not implementable; inconsistent with the future development of the Site; will not receive regulatory approval.	$0
2	Institutional Actions and Capping	Effective in reducing risk to human health, but risk is not eliminated.	Not implementable; inconsistent with the future development of the Site.	EPA Site 1 $42,000 EPA Site 2 $66,00
3	Soil Excavation and Off-Site Disposal	Effective in reducing risk to human health	Implementable; consistent with the future development of the Site.	EPA Site 1 $191,000 EPA Site 2 $409,00

* Opinion of estimated cost

APPENDIX F

OPINION OF ESTIMATED RESPONSE COSTS

Alternative 2
Encapsulation and Institutional Constraints

EPA Site 1

Item	Frequency of Events	Cost Per Event	10-Year Cost
Engineering Oversight and Verification Sampling During Capping, Removal Action Implementation/ Completion Report	1	$10,000	$5,000
Capping Soil On-Site	1	$30,000	$5,000
Cap Maintenance	Every year	$2,000	$20,000
Deed Restriction	1	$5,000	$5,000
	Subtotal		$35,000
	Contingency (30%)		$7,000
	Total		**$42,000**

EPA Site 2

Item	Frequency of Events	Cost Per Event	10-Year Cost
Engineering Oversight and Verification Sampling During Capping, Removal Action Implementation/ Completion Report	1	$10,000	$10,000
Capping Soil On-Site	1	$30,000	$20,000
Cap Maintenance	Every year	$2,000	$20,000
Deed Restriction	1	$5,000	$5,000
	Subtotal		$55,000
	Contingency (30%)		$11,000
	Total		**$66,000**

Alternative 3
Excavation and Off-Site Disposal

EPA Site 1

Item	Frequency of Events	Cost Per Event	10-Year Cost
Engineering Oversight and Verification Sampling During Removal Activities, Removal Action Implementation/ Completion Report	1	$50,000	$50,000
Excavate, Load, Haul and Dispose of Class II Soil	1	$72,000	$72,000
Backfill/Compact Excavations	1	$12,000	$12,000
Sample, Permit, Treat, and Dispose Ponded Water	1	$25,000	$25,000
	Subtotal		$159,000
	Contingency (20%)		$32,000
	Total		**$191,000**

EPA Site 2

Item	Frequency of Events	Cost Per Event	10-Year Cost
Engineering Oversight and Verification Sampling During Removal Activities, Removal Action Implementation/ Completion Report	1	$75,000	$75,000
Excavate, Load, Haul and Dispose of Class II Soil	1	$198,000	$198,000
Place ORC into Excavation	1	$10,000	$10,000
Backfill/Compact Excavations	1	$33,000	$33,000
Sample, Permit, Treat, and Dispose Ponded Water	1	$25,000	$25,000
	Subtotal		$341,00
	Contingency (20%)		$68,000
	Total		**$409,000**