File No: 3022-13
January 12, 2009

REPORT of INTERIM CORRECTIVE ACTION

Case ID: RO0000288

FORMER UST SITE

at the

Oro Loma Sanitary District Service Center

2655 Grant Avenue,
San Lorenzo
Alameda County, CA

prepared for

Mr. Jason Warner, PE, General Manager
Oro Loma Sanitary District
2655 Grant Avenue
San Lorenzo, CA, 94580

prepared by

THE SUTTON GROUP
3708 Mount Diablo Blvd., Suite 215
Lafayette, CA, 94549
phone (925) 284-4208

ORO LOMA SANITARY DISTRICT

February 3, 2009

Mr. Steven Plunkett
Alameda County Health Care Services
Environmental Protection Division
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

SUBJECT: TRANSMITTAL CORRECTIVE ACTION PLAN STATUS
FUEL LEAK CASE RO0000288:
2655 GRANT AVENUE, SAN LORENZO, CA 94580

Dear Mr. Plunkett:

I am writing to provide a status report on the previously submitted Interim Corrective Action Plan (ICAP) authorized by your office in its letter of November 5, 2007. To date, all of the planned work has been accomplished with the exception of the groundwater treatment. As you are aware, the groundwater treatment has not initiated due to very low groundwater recovery rates. As we have discussed, the District's intent is to monitor the site for 6-8 quarters prior to making a detailed evaluation of the necessity of and alternatives for future potential action.

As the authorized representative of the Oro Loma Sanitary District, I declare, under penalty of perjury, that the information contained in this and the attached document are true and correct to the best of my knowledge.

The District thanks the Agency for its assistance and cooperation throughout the entire project. We look forward to working with you to achieve final closure of our mutual case. Please feel free to contact me (email: jwarner@oroloma.org, or phone: (510) 489-6965) with any questions regarding the project.

Respectfully submitted

Jason Warner, PE
General Manager

Attachment: Report of Interim Corrective Action Plan

cc: John Sutton PE, The Sutton Group

THE SUTTON GROUP
3708 Mount Diablo Blvd. Suite 215, Lafayette, California 94549
Phone 925 284-4208 FAX 925 871-3617
E-mail suttongeo@sbcglobal.net

January 12, 2009

Mr. Steven Plunkett
Alameda County Health Care Services
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Subject: ***Report of Interim Corrective Action*** ***Case ID: RO0000288***
Oro Loma Sanitary District UST Site
San Lorenzo, California

Dear Mr. Plunkett:

On behalf of the Oro Loma Sanitary District (District), The Sutton Group has prepared the attached report documenting the Interim Corrective Actions performed during 2008 to address the soil and groundwater contamination resulting from the former gasoline underground storage tank (UST) at the District's facility located at 2655 Grant Avenue in San Lorenzo, unincorporated Alameda County, California. The subject work was authorized by the Alameda County Health Care Services' Division of Environmental Protection (Agency), in their letter dated November 5, 2007.

At this time, all planned work (in the ICAP plan) has been accomplished, excepting for initiation of ground water treatment. This is because of (expected) very low groundwater recovery rates during system tests. It is District's intent to monitor the system on a static basis over a one year period (i.e. two more quarters) prior to making a detailed evaluation of the efficacy of groundwater recovery.

I, John R. Sutton, Civil and Geotechnical Engineer, declare under penalty of perjury, that the information contained in the attached report is true and correct to the best of my knowledge.

Thank you for your time and review of this project. If you have any questions or need additional information regarding this interim CAP, please contact me at (925) 284-4208.

Very truly yours,

THE SUTTON GROUP

John R. Sutton, P.E.
Civil Engineer No 40324, exp 12/31/2010
Geotechnical Engineer No. 812
Principal Engineer

Attachment: Report of Interim Corrective Action

cc: Mr. Jason Warner, Oro Loma Sanitary District

REPORT of INTERIM CORRECTIVE ACTION
FORMER UST SITE…….. Case ID: RO0000288
at the Oro Loma Sanitary District Service Center
2655 Grant Avenue, San Lorenzo,
Unincorporated Alameda County, California

TABLE OF CONTENTS

Page

REPORT of INTERIM CORRECTIVE ACTION
FORMER UST SITE…….. Case ID: RO0000288
at the Oro Loma Sanitary District Service Center
2655 Grant Avenue, San Lorenzo,
Unincorporated Alameda County, California

TABLE OF FIGURES and APPENDICES

REPORT of INTERIM CORRECTIVE ACTION
FORMER UST SITE Case ID: RO0000288
at the Oro Loma Sanitary District Service Center
2655 Grant Avenue, San Lorenzo,
Unincorporated Alameda County, California

1 INTRODUCTION

This report documents interim corrective actions performed to address the soil and groundwater contamination resulting from the former gasoline underground storage tank (UST) at the Oro Loma Sanitary District (District)'s Service Center, located at 2655 [1] Grant Avenue in San Lorenzo, Alameda County. As this report documents with detail, the work was performed in general accordance with the Interim Corrective Action Plan (ICAP), dated August 28, 2007. The ICAP, prepared by The Sutton Group (Sutton), was approved by the administrator of the Local Oversight Program, the Alameda County Health Care Services' Division of Environmental Protection (Agency), in their letter dated November 5, 2007. With County concurrence, the corrective actions were deferred beyond the dates in the plan approval letter, until after the "rainy season".

The field work was performed during the spring and summer of 2008. The District managed the project. Sutton prepared the remediation plans and technical specifications for the work, which was publically bid. This firm (Sutton) provided technical oversight, including materials sampling and testing, and confirmation sampling during the course of the work.

1.1 Site Background and Conditions

A 1,000-gallon UST, was installed for gasoline storage by the owner, the Oro Loma Sanitary District (District) in 1978. It was initially used to store leaded gasoline until 1985 when it was converted to store unleaded gasoline. This tank replaced a previously existing UST at the same location which had been installed in 1961, was and later discovered (by inventory control) to be leaking. The UST was in use until it was removed in May 1995. No leakage was observed with this UST, although staining of the backfill suggested a delivery piping leak. Site history and documentation of removal of the two tanks has previously been reported to the Agency.

The site comprises an asphalt-paved parking lot bounded on two sides by buildings, which house the District's Engineering Services offices and the Maintenance Department's shops and garages. As depicted on the project plans cover sheet (attached), the site is located in an industrial area approximately a quarter mile southwest and downgradient from the BNSF railway line which is the limit of the closest residential development, all of which is inland of the railroad. Adjacent and nearby facilities include Alameda County's asphalt reclamation facility, a PG and E substation, the Thompson and Thompson fence manufacturing business, a fire wood storage yard, and a cardboard packaging factory. The site is also well buffered from public access. Adjoining

[1] Until early 2007, the address "2600 Grant Avenue" was shared by the both the District's sewage treatment plant and its office building complex. To assist mail and goods deliveries the complex comprising the District's office buildings and maintenance facilities, which includes the area of the tank site, was renumbered as 2655 Grant Avenue.

and downgradient of the site, is the District's Publicly Operated (sewage) Treatment Works (POTW) facility.

The asphalt-paved site is underlain by sandy gravel fill placed over the bayland deposits, with essentially impervious Bay Mud clay at very shallow depth. As documented in the investigative reports, in the ICAP plan and again confirmed during this effort, the majority of the tank pit excavation was in Bay Mud.

1.2 Scope of Work

The work performed summarily comprised:

(a) closing groundwater monitoring well MW-4, located within the work area, and drilling a soil boring in the area to be excavated to characterize the soil contamination for its disposal;

(b) installing a temporary pre-treatment facility for recovered water (not previously included in the ICAP document);

(c) installing engineered shoring and excavating a pre-decided source volume;

(d) segregating excavated soil; backfilling the excavation and removal of the shoring;

(e) off-hauling contaminated soil to licensed facilities;

(f) installing gravel-filled groundwater recovery trenches and pump wells around the source area;

(g) repaving the parking lot with new asphalt;

(h) installing new monitoring well MW-6 downgradient of the excavated site; and

(i) testing and surging of the recovery system.

During the period of the work, the four pre-existing monitoring wells were periodically sampled in accordance with the approved quarterly plan. Results were submitted to the Agency and to the State Water Resources Control Board's Geotracker database per the plan.

1.3 Responsibilities

As a result of the public bidding process, District awarded the construction work to Zaccor Companies, an Alameda-based Class A General Engineering Contractor with Hazardous Waste Certification. Zaccor subcontracted hauling of the soil to the Byron-based Dillard Trucking, a

Licensed Hazardous Waste Hauler. Disposal of contaminated soil was at Waste Management, Inc.'s Altamont and Kettleman Hills facilities.

Sutton's work was performed under the direction and oversight of John R. Sutton, RCE, GE. Monitoring well closure and installation of a new well was performed by San Jose-based Exploration Geoservices Inc., a C57-licensed driller with hazardous waste operations certification under subcontract to Sutton. Analytical laboratory testing services were provided by Pittsburg based McCampbell Analytical, a California EPA-certified hazardous waste testing laboratory. Wellhead surveying was by Oakland-based New Engineering, Inc., under the direction of John T. New, RCE.

2 CORRECTIVE ACTIONS

2.1 Monitoring Well MW4 Removal

Monitoring well MW4 was located within the planned soil excavation area as depicted on Figure 2, Site Remediation Plan (Sheet 2 of the project plans). The 2-inch diameter well was installed on October 16, 2002 under permit from the Alameda County Public Works Agency (ACPWA). The installation work was documented with the (County Health) Agency and with ACPWA.

In addition to removal of well MW-4, the rig also drilled a soil boring several feet away from MW-04, to characterize the source removal soil for disposal, as no soil samples had been collected in the past two years. Prior investigations had indicated the highest concentrations of contaminants were likely at this location.

ACPWA issued two permits, Nos. W2008-0199 and -0200 for the well closure and for the boring, respectively.

2.1.1 Monitoring Well MW-04 Closure

The Sutton Group sub-contracted Exploration Geoservices ("EG"), to close monitoring well MW-04 and to drill the soil boring. On April 16, 2008 EG mobilized to the site to close MW-04. Following removal of the well cover, the 2-inch diameter monitoring well MW-04 was over drilled to a depth of 15 feet bgs using 8-inch OD x 3¼-inch ID hollow-stemmed augers. The wellhead, casing and demolition materials were placed in a 55-gallon drum. The drum was labeled and held on site for disposal with the bulk of excavated soils in the next phase of the project. Neat cement grout was tremied through a pipe as the hollow-stemmed auger was extracted from the shaft. The top-most 1½ feet of the grouted shaft was capped with concrete.

The log of the MW-04 well closure effort is included in Appendix A.

2.1.2 Soil Sampling

Soil boring SB-10 was located about 5 feet west from the MW-4 location. EG advanced SB-10 to 8 feet depth, the planned depth of bulk soil removal, under our observation. Samples were

collected from the auger flights, placed into clean glass containers, labeled, and placed on ice for transport to the laboratory. A chain of custody was prepared onsite and accompanied the samples to the laboratory.

Following sample collection, the shaft was closed with tremie-placed cement grout, and topped with concrete. The log of boring SB-10 is included in Appendix A.

2.1.3 Analysis

Two of the three samples collected from boring SB-10 were analyzed for CAM 17 metals, total petroleum hydrocarbons - gasoline range (TPH-G), total petroleum hydrocarbons - diesel range (TPH-D), oil and grease (O&G), volatile organic compounds (VOC), and semi-volatile compounds (SVOC) in accordance with the request from the proposed landfill. The third sample was placed on-hold for possible future analysis. Analytical results are summarized in Table 1 below. The laboratory report is included in Appendix A. It is of interest that the sample from four feet depth was gravelly sand fill, while the sample from seven feet depth was Bay Mud clay.

Table 1: Soil Sampling Results Summary

Soil Boring/ Sample ID	Depth (feet bgs)	TPH-G (ppm)	TPH-D (ppm)	O&G (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)	MTBE (ppm)
SB-10-4 GF Gravelly Sand	4	2.3	2.7	82	ND	ND	0.01	0.038	1
SB-10-7 Bay Mud	7	2,700	260	110	12	11	60	270	ND<5.0

2.1.4 Documentation

Per pre-agreement with Mr. James Yoo, well supervisor with ACPWA, the well closure was performed without ACPWA's direct inspection. ACPWA was notified by phone immediately upon completion of the drilling work. Logs of the well and boring were prepared in DWR format and issued to ACPWA, under our letter dated May 8, 2008. A copy was also uploaded to the Agency's ftp website. Copies of these documents are also included as Appendix A to this report.

2.2 Source Area Soil Excavation

2.2.1 Planning

The rectangular excavation, 45 feet by 40 feet wide, and parallel to the walls of the District's shallow-founded Engineering Services building and its Maintenance Department building, is depicted on Figure 2. The presence of these actively used buildings defined the northerly and easterly limits of excavation. The west side of the excavation was limited by the presence of the sanitary sewer which serves the Maintenance Building. The excavation was completed to a depth

of eight feet, which was determined to be deeper than measured soil contamination in the 2004 "vertical extent" soil sampling program. The lateral bounds of the excavation were developed based on several practical parameters. These included:

(a) The designated area included the "hottest" soil concentrations of benzene and gasoline contamination from past samplings.

(b) The excavation boundaries were adjusted to limit potential damage to the District's Maintenance and Engineering buildings during the work. As the site overlies saturated, low strength bay land (swamp) and Bay Mud deposits and with groundwater only four feet deep, the buildings were protected from excavation-caused subsidence by temporary shoring.

(c) The excavation boundary was located to avoid, where possible, the main underground utilities that serve these buildings and to protect them during the work. The main electrical supply line to the building complex lies beneath the parking lot surface alongside the Engineering building (see Figure 2). As the shoring cost was a major part of the excavation cost, the shoring layout was a significant factor in cost control. For example, the excavation shape was made rectangular to simplify sheet piling corner interlock and bracing layout, as Bay Mud, due to its low strength, is not amenable to tieback or deadman anchors.

As stated above, the source removal work was contracted by the District to Zaccor Companies. As required by the contract documents, Zaccor's engineering consultants prepared:

(a) a Health and Safety Plan (HASP)

(b) a Storm Water Pollution Prevention Plan (SWPPP), and

(c) an engineered ('stamped') design for the excavation support.

2.2.2 Water Management

Supplemental to the source removal, the District mobilized a temporary groundwater treatment plant to the site for pre-treating the gasoline-tainted groundwater prior to its discharge to the POTW. This was for compliance with District Ordinance and the POTW's Waste Discharge Requirements (WDRs) from the San Francisco Regional Water Quality Control Board.

The water treatment plant, was designed to pump the water through a pre-filter and then remove gasoline and BTEX to a 5 µg/l (ppb) detection level, as well as other listed parameters in the WDRs. The plant was designed for batch treatment at a continuous rate of 100 gallons per minute on a 24-hour basis. The plant comprised water storage ("Baker") tanks, cyclone pre-filtration, several 2,000 pound activated carbon vessels piped in a lead/lag configuration, associated pumps and controls and an independent power supply. Temporary piping was laid from the

excavation area to the treatment plant, which was located just inside the fence of the adjacent POTW. Plant discharge of treated water was to a manhole over the POTW's influent trunk sewer.

However, the excavation yielded negligible free water, so the plant received no tainted water besides several hundred gallons recovered from recovery system testing which was temporarily stored in one of the Baker tanks. The plant was decommissioned, without the treatment system being used. Test water and closure-rinsate, was hauled to a licensed liquids recycling facility.

2.2.3 Excavation

Preparation

The initial phase was removal of the asphalt and aggregate base course (AB). The asphalt was hauled to a recycler while the great majority of the AB was stockpiled for re-use. A minor amount of AB was odorous and/or blue-stained. This soil was stockpiled separately and tarped pending offsite disposal.

Prior to any excavation, the buildings and paving were surveyed and photographed to document pre-existing cracks and damage. The site was monitored for cracking or structural distress during the work and again following extraction of the sheet piling and excavation backfilling.

Some utilities within the work area were temporarily re-routed while others were removed and replaced following the backfilling work. The excavation was shored with interlocking PZ-sheet pile supported by steel beams (walers) and struts.

Fill Soils

The gravelly sand fill, approximately 2½ feet thick beneath the AB was next excavated. The excavated gravelly sand fill soil was initially segregated based on soil type and odor. The intent was to re-use the gravelly sand fill where possible as backfill. Some of it, typically at its interface with the bayland soil, at two to three feet depth, contained blue green discoloring characteristic of gasoline as well as an odor of old gasoline. As such, this material was segregated for offhaul. The non-stained, "low odorous" gravelly sand fill was stockpiled separately, sampled and analyzed, and profiled by the contractor's trucking company for selection of the disposal facility. Sample Numbers S11-13 and S-14-18 are of this material and test results are included in Appendix B. The latter samples were collected on the day of Bay Mud excavation and closure sampling and results are included in Appendix C.

As documented in Appendix B, the odorous and/or stained gravely sand was, in addition to petroleum products typical of leaded and unleaded gasoline, shown to have an elevated level of chromium. After confirming these unexpected chromium data, we consulted with local geologist Michael C. Carey, PG, CEG, of Adobe Geotech, who evaluated the site history and the fill material's likely origin, and then analyzed the material visually, by microscope, and by X-ray diffraction. It was concluded that the fill is composed predominantly of weathered to moderately

fresh gabbro rock, derived from the San Leandro Gabbro body that underlies the hills immediately north of Castro Valley. With land development active in the San Leandro Hills in the 1960s and 1970s, the periods when the subject facilities were constructed, it is reasonable to conclude from the texture of the material that it likely originated as excess excavation spoils from land development.. The chromium content was typical of chromium concentrations reported for the source lode by others. The geologist's letter and data is included in Appendix B.

Bayland and Bay Mud

Following removal of the gravelly sand fill, the swampy bayland deposits and Bay Mud, saturated, fat (highly plastic) clay, was excavated. This excavation occurred on May 8, 2008. The Bay Mud was excavated within the sheet pile-contained area to the pre-designated eight feet depth.

Agency's Paresh Khatri was on site on May 8, 2008 when the excavation reached the design depth of eight feet. Confirmation samples of soil from eight feet depth, numbered CS-01 through CS-04 were collected by the excavator and sampled from the bucket by Sutton's onsite scientist from near the north, west, east and south corners of the excavation. Concurrently, additional samples were collected for profiling the previously excavated gravelly sand. These samples were numbered SB-14 through SB-18. The samples were sealed in laboratory-supplied glassware, stored on ice, and shipped to the McCampbell Analytical Laboratory under chain-of-custody. Results of the closure sample analysis and for profiling of the gravelly sand are included in Appendix C.

Little free water seeped into the open excavation, and thus no water samples were collected. The total amount of water pumped during the work amounted to less than one hundred gallons. This water, along with tank cleaning rinsate, was vacuumed from the holding tank and sent for disposal to a liquids recycling facility. As such, the pre-treatment system received no tainted water and was decommissioned from the site following completion of the excavations.

2.2.4 Site Monitoring:

Due to the concern for migration of vapors and odors during the work, especially while the excavation was open, Zaccor's industrial hygienist utilized a Photo-Ionization Detector (PID) and Draeger tubes to monitor concentrations of volatile organic compounds (VOC's) and benzene in ambient air around the excavation and also inside the Engineering Department building. This was to ensure occupational exposures of all construction workers in the vicinity and District's office staff was not exposed to in excess of standards set forth by the Occupational Safety and Health Administration (OSHA). As such, during excavation and soil handling activities, ambient air was continuously monitored for VOC's and onsite workers were advised to increase their level of personal protection during temporary, pro-rated, exceedences of OSHA's 8-hour exposure thresholds.

While the Engineering Department building remained in operation during the work, its parking lot was lost to use because all of it was needed for contractor staging. Excavated soils were temporarily stored on adjacent land of the POTW.

2.2.5 Backfilling:

Backfilling of the pit followed closely behind the soil removal operations. Mirafi® HP565™ woven geotextile filter fabric was placed on the excavation bottom and extended two feet up the sidewalls. Caltrans Class 1 drain rock (crushed 1½"x #4 rock) was then placed over the fabric on the excavation bottom. The sidewalls were draped with Mirafi® 140NC™ nonwoven geotextile fabric, lapping with the HP565. A tracked loader was placed in the excavation to level and track-in and thus densify the stockpiled rock into the excavation. Water was sprayed on the rock for dust control and to assist with densification. The drain rock was extended up to approximately the interface of the fill soil and the Bayland deposits, about three feet below the parking lot elevation. Lifts were about 1½ feet thick, with the loader used to densify the material.

Mirafi® 140NC™ nonwoven geotextile fabric was then placed over the drain rock surface and the excavation backfill continued with the "clean" sandy gravel fill, previously excavated from the site and screened for low contamination level. The available, reasonably well-graded material resulted in about a foot thickness of this backfill. The remainder of the pit backfilling was completed using import, virgin AB from the Vulcan Materials quarry in Pleasanton.

Our soils technician observed the backfilling on an intermittent basis and tested the backfill to within a foot of final grade. Testing was by nuclear gauge per ASTM test methods D3017 and D2216. The tests document that the contractor achieved the specified relative compaction. Test results are summarized on Table 1 in Appendix D.

Final AB placement was deferred until after the installation of the recovery trenches and completion of other earthwork-related activities several weeks later. Testing is described in Section 2.4 below. Results are included in Appendix D.

2.2.6 Soil Profiling

All of the excavated Bay Mud was to be off-hauled from the site. It was trucked to a stockpile area within the adjacent POTW where it was placed on a pre-prepared storage pad. After sealing off the storm drain inlets in the area[2], soil was stockpiled on asphalt- or concrete-paved areas and contained within sandbag-bounded areas covered by heavy plastic membrane liner. Soils stockpiled on site were removed subsequent to characterization and segregated according to waste classification. Soil stockpiles and dump truck loads were promptly covered. Samples were collected, progressively characterizing the materials for acceptance at Waste Management's Altamont and Kettleman Hills facilities. Profiling analysis is described in Section 7 below.

[2] All storm drain inlets within the POTW are part of a captive system such that storm water is processed through the POTW plant.

2.3 Groundwater Recovery Program

As well as backfilling the deeper part of the bulk excavation with free-draining drain rock, a recovery well was installed against its downgradient edge. In addition to the pervious pit backfill and recovery well, two groundwater interception/collection trenches were constructed downgradient of the source area to intercept groundwater contamination downgradient of the source removal area. The two trenches were installed onsite as far downgradient as feasible, and envelope the excavation in all the possible downgradient directions based on our years of groundwater gradient monitoring, i.e. towards the street and towards the Bay shoreline. At the down grade end of each trench, a recovery well was installed. The trenches and wells were installed as separate systems because future monitoring of each may indicate contaminant interception trends, as well as to facilitate possible system surging. Figure 2 shows the locations of the three wells and the two trenches.

2.3.1 Recovery Trenches

Based on past site excavation experience, it was planned to excavate the recovery trenches using the slurry trench technique with biodegradable polymer mud slurry. However, the contractor chose to experiment, and as a result, slurry trench support was deemed unnecessary. Instead, the contractor utilized hydraulic "speed shoring" with plywood sheeting to temporarily stabilize the trench walls during personnel entry for installation of the recovery system.

The west side collection trench, designated Recovery Trench 2 and located between the bulk excavation and the POTW. was excavated to the design depth, approximately eight feet below ground surface (bgs). Installed with a pipe gradient of one percent, the trench began at eight feet depth at Observation Well OW-2 located at the southwest corner of the Maintenance Building and gained about a foot of depth at its downslope end, at recovery well RW-2. Recovery Trench 3, located parallel to Grant Avenue, was deepened two feet below the design grades due to the presence of odoriferous soils. The pipe installed in Trench 3 is ten feet deep at OW-3, its east end and approximately 11 feet depth at its west end terminus at recovery well RW-3. The locations of these trenches are shown on Figure 2.

Geotextile fabric lining and perforated, 4" diameter, PVC pipes were installed in the temporarily-shored trenches and subsequently backfilled with at least six feet of coarse aggregate drain rock, which extended to higher than the gravelly fill/bayland soil interface. This was topped by compacted Caltrans Class 2 aggregate base course (AB) such that the drain rock intercepts the peat and/or sand layers. The drain rock backfill was separated from the fine bayland sand and clay materials by Mirafi® 140N geotextile fabric which was folded over the top of the drain rock to preclude infiltration of the finer AB into the drain rock. Section C and Detail D on Figure 3 show typical recovery trench details.

During recovery trench excavations PID monitoring showed volatilization to be minimal. This was because the recovery trenches were sited downgradient of the more heavily contaminated source area. Thus the same level of site safety controls as for the pit excavation were not necessary.

At the upslope end of each perforated drain, a 4-inch diameter riser pipe was brought to the surface as an observation well (OW-2, 3 on trenches 2 and 3 respectively) for future groundwater depth sounding and pipe flushing. Flush, surface-mounted Christie boxes were installed at each end of the trenches.

In addition, three-inch diameter, perforated, Class SDR35, PVC pipe was placed horizontally for the full length of each trench at an approximate depth of three feet bgs (in the vadose zone). The three-inch pipe size is to distinguish it from the four-inch recovery piping. This three-inch piping extends up to the surface in the same OW-Christie box. This piping, installed within the geotextile and gravel encapsulation, provides future remedial alternatives and is intended for use only if it is later determined that contaminant removal could be enhanced by, for example, a soil vapor extraction effort, injection of an oxygen release compound, or other such system.

The upper portion of the trench over the drainage media was backfilled with AB. The final foot of AB and the asphalt paving were restored with that of the bulk excavation, as presented in Section 2.4 below.

2.3.2 Recovery Wells

In addition to the recovery well adjacent to the excavated pit, designated RW-1, we also constructed recovery wells at the downslope end of each of the two recovery trenches. At the end of each recovery trench, the perforated pipe was teed into an 8-inch diameter non-perforated standpipe, which was installed vertically with the pipe extended down to approximately 12 feet depth and capped as a future pumping sump. These wells were designated RW-2 and RW-3 at the ends of the west and south side trenches, Trenches 2 and 3 respectively. These are as shown in Detail B on Figure 3. RW-1 was similar in detail to Detail B, except that it has no perforated pipe inflow. Instead the well was perforated to eight feet depth and wrapped with geotextile fabric. All three recovery wells were connected with electrical service and plumbed with discharge piping for future groundwater recovery.

The pump discharge lines were plumbed to a central point over the District's existing onsite sanitary sewer branch, which serves the Collections Department rest room. This location is also shown in Figure 2. The connection is similar to that of Detail A on Sheet 3.

2.3.3 Recovery System Discharge

A pair of 2" diameter, Schedule 40 pvc pipes was also installed (in a separate trench) between the sewer riser's well box and the POTW fence line along the west site boundary. This was done in case it is later decided that the recovered water should be pre-treated prior to discharge into the District's sewer. One of the pipes is intended for pre-treatment plant supply and the second for return of treated water to the sewer inlet.

2.3.4 System Testing

Following installation of the trenches, the recovery wells RW-1, -2 and -3 were subjected to pumping. Submersible pumps were used at rates of 6 gallons per minute (gpm) and 11 gpm. In fact the smaller pump dewatered RW-1 in eight minutes. The trenches were each pumped for an hour and allowed to recover two and 2½ hours. Later, RW-2 and 3 were pumped 35 minutes at the higher rate and allowed to recover. Raw test data is included in Appendix E.

Review of the pumping rates in the recovery wells directly correlates with the calculated volume of water in the gravel-filled trenches. The quantity calculates to a gravel porosity of 55 percent which is typical for such material. Recovery is at a rate 0.01 to 0.03 feet per hour or between 0.03 and 0.13 gallons/minute.

2.4 Site Re-paving

Following installation of the recovery trenches and associated utility work, the work area was re-paved. Placement of the final foot of AB was achieved using virgin, ¾ inch AB, imported from Vulcan Materials' Pleasanton quarry. Asphalt paving with ½-inch max medium mix, also supplied from Vulcan Materials' Pleasanton facility.

Placement and testing of the final AB and AC were observed by Construction Testing Services under direct contract with the District. CTS' test results for the final AB and AC are also summarized on the table in Appendix D. CTS's test report is also included in Appendix D.

2.5 Installation of New Monitoring Well MW-6

Monitoring well MW-6 was installed ten feet downgradient (southeast) from the edge of the soil excavation area as depicted on Figure 2, Site Plan. The 2-inch diameter well was installed on June 27, 2008 under Permit No. 2008-0390 issued by ACPWA.

The Sutton Group again sub-contracted with Exploration Geoservices ("EG"), to install MW-06. After coring through the new asphalt, the 2-inch diameter monitoring well was drilled to a depth of 11 feet bgs using 8-inch OD x 3¼-inch ID hollow-stemmed augers. Three feet of blank casing and 10 feet of 0.010 slot casing was packed in #2/12 Monterey sand as the hollow-stemmed auger was extracted from the shaft. A seal layer of bentonite chips was placed and then neat cement grout placed to approximately a foot beneath the paved surface. A cast iron well box was then set in concrete at the surface. The ACPWA permit, the log of the well installation and copy of the log in DWR format are included herein in Appendix F.

Test results for soil samples collected from six and 11 feet depth are included in Appendix A and summarized in the Table 2 below.

Table 2: MW-6 Soil Sampling Results Summary

Soil Boring/ Sample ID	Depth (feet bgs)	TPH-G (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)	MTBE (ppm)
MW6-1 Organic Silt	6	4,800	34	250	56	330	ND<50
MW6-2 Bay Mud	11	7.8	2.0	0.33	0.46	1.1	ND<5

Well MW-6 was developed on July 14, 2008 by surge block followed by pumping with a submersible pump. The well was evacuated by removal of 3.6 gallons of water. Initial sampling of MW6 on July 17 by bailer did not dewater the well. However, it yielded a relatively high level of petroleum hydrocarbons (110,000µg/l quantified as gasoline with 9,800 µg/l as benzene). The well was re-surged on August 14, 2008 and sampled for the second time on October 14, 2008 as part of the fourth quarter periodic sampling. The level of hydrocarbons reduced dramatically to 31,000 µg/l TPH-G and 5,600 µg/l benzene, the latter being less than the reading on the same date for the downgradient MW5. (These sampling data have been uploaded to the Agency's FTP site and to Geotracker.) The raw field data is also included in Appendix F.

2.5.1 Documentation

Again per pre-agreement, Mr. James Yoo, well supervisor with ACPWA, was notified by phone upon completion of the drilling work, in lieu of their onsite observation. Logs of the well and boring were prepared in DWR format and issued to ACPWA, with a copy to Agency. Copies of these documents are also included with this report in Appendix F.

2.6 Groundwater Level Monitoring

Groundwater elevations were measured in monitoring wells MW-1, MW-2, MW-3, MW-4 and MW-5 as the second quarterly monitoring just prior to closure of MW-4 in April 2008. The results of the monitoring (and the water sampling) have been uploaded onto Agency's FTP site and to Geotracker. Subsequent to installation of MW-6, New Engineering, Inc. resurveyed the casing and rim elevations of the three onsite monitoring wells, and also the recovery wells and observation wells. This was necessary because the entire parking lot in which the existing wells and new wells were installed was repaved subsequent to the site work, and thus entailed re-setting the well boxes. These survey data have been uploaded to Geotracker. Table 3 below is a tabulation of surveyed coordinates and elevations of the various components of the remedial construction.

Table 3 : WELL SURVEY DATA

	Latitude				Longitude				Elevations		
									Rim	casing	diff
	deg	min	sec	decimal degree	deg	min	sec	decimal degree	Feet		
MONITORING WELLS											
MW 1	37	40	8.411713	**37.669005**	122	9	29.910971	**122.158309**	**8.3814**	**8.0001**	**0.38**
MW 2	37	40	8.07801	**37.668911**	122	9	30.44354	**122.158457**	**8.4842**	**8.2102**	**0.27**
MW 3	37	40	8.594445	**37.669054**	122	9	31.506134	**122.158752**	**10.10**	**9.4754**	**0.63**
MW 5	37	40	8.639638	**37.669067**	122	9	30.529177	**122.158480**	**8.6557**	**8.4538**	**0.20**
MW 6	37	40	8.768	**37.669102**	122	9	30.7596	**122.158544**	**8.9811**	**8.5641**	**0.42**
OBSERVATION WELLS											
OW2	37	40	8.624644	**37.669062**	122	9	30.26198	**122.158406**		**9.083**	
OW3	37	40	8.815965	**37.669116**	122	9	31.550958	**122.158764**		**7.645**	
RECOVERY WELLS (PUMP WELLS)											
PW 1	37	40	8.76422	**37.669101**	122	9	30.953124	**122.158598**		**8.644**	
PW 2	37	40	8.39955	**37.669000**	122	9	30.936068	**122.158593**		**8.161**	
PW 3	37	40	8.4125	**37.669003**	122	9	30.847923	**122.158569**		**8.168**	

Groundwater elevations have been sounded in monitoring wells MW-1, MW-2, MW-3, MW-5 and MW-6 for the third and fourth quarters of 2008 and have been uploaded onto Agency's FTP site and to Geotracker. During the fourth quarterly survey, soundings were made in selected recovery wells. The quarterly reports include ground water gradient calculations based on the monitoring well soundings. These data will be the basis for evaluate the groundwater elevations including the static hydraulic gradient and the response to future pumping.

2.7 Groundwater Recovery from Collection Trenches

The intent of the collection trenches is to facilitate groundwater capture and extraction from the gasoline plume from a broader area than would have obtained using individual extraction wells. The use of collector trenches will enhance groundwater recovery and expedite groundwater remediation. Also, because the residual gasoline most likely resides primarily within thin, discontinuous peat and/or sand layers, the trenches provide an infinitely larger contact interface area (i.e. the trench walls) of the peat and/or sand layers than individual extraction wells and should be a more efficient recovery approach. The recovery data collected during the Interim CAP period will allow for an evaluation of the value of pumping and whether additional trenches might provide a more cost effective, long-term correction action approach.

As of this writing, monitoring wells have been monitored for hydraulic and geochemical constituents of interest for two quarters. The site is being monitored on a passive recovery basis as an initial data collection step and is planned to include an annual cycle of seasonal influence during which time the site subsurface will be allowed to stabilize following the replacement of a significant quantity of the site's saturated subsurface clay with gravel fill. The data collected over this period will be evaluated with the historical site data and the well tests to determine feasible pump sizes and recovery rates.

While groundwater levels have subsided in the typical seasonal-cyclic manner, most significant has been the reduction in gasoline and benzene concentration at the new MW-6. This reduction was assisted by re-surging. As shown on Figure 2, MW-6 lies downgradient of the removed source area and upgradient of the recovery trenches and this trend will be re-evaluated in consideration of seasonal influences.

2.8 Reporting

Status reports will be prepared and electronically submitted to the Agency database as is currently being done and to the State Water Resources Control Board's Geotracker database on a quarterly basis for the 18 months of this monitoring program. The fourth monitoring report will provide a summary of the previous year's activities and will present recommended modifications, if needed, to the monitoring program based on empirical data collected and analyzed. The quarterly monitoring reports will include all monitoring data presented in tabular format, a summary of the free-phase product volume removed, if any, and a groundwater gradient map.

3 SOIL SEGREGATION AND DISPOSAL

3.1 Stockpile Characterization

Excavated soils were segregated based on soil type and visible/olfactory gasoline contamination. The gravelly sand was first excavated and segregated based on color and odor. Non-stained and low-odor fill soil was stockpiled near the excavation on plastic sheeting placed over the asphalt paving with the intent of re-use in the backfill. The more odoriferous of the fill

soils and all the bay mud clays were hauled and stockpiled in the POTW area. These soils were also placed on plastic sheeting placed over the asphalt- paved area for characterization and waste classification. Stockpiles were bermed for water management and nearby storm drain inlets covered. (All storm drainage within the plant area flows to internal sump and recovery system.) Soil stockpiles were also covered with plastic sheeting.

Stockpiles were sampled at the frequency required by the disposal facilities. This included sub-dividing the stockpiles, re-sampling and re-analysis in several stages. Figure 1 in Appendix G is a sketch of the main soil stockpile depicting the subdivision system and key test results. Laboratory reports for the various testing series are included in Appendix G

As stated above, the process of excavation using a large excavator within the confines of the shored excavation and discharge of spoils into dump trucks resulted in blending of soils thus the higher gasoline concentrations were blended with less odiferous soil, which explains why the highest levels of the closure samples are not reflected in the profiling samples.

Eventually, the segregation and re-sampling resulted in 542.84 tons of soil being received at the Altamont facility and 31.62 tons being sent to the Kettleman Hills facility. Copies of the Bill of Lading and Hazardous waste manifest are included as Appendix H.

4 LIMITATIONS AND RESPONSIBILITIES

This report compiles a record of work observed by this firm on an intermittent, on call basis and also includes records and observations made by others not working under our observation or direction. Thus, we accept responsibility only for the work performed under our direction. Our services been performed expressly for the subject client in accordance with generally accepted, engineering principles and practices of similarly licensed professionals in this area for the agreed work scope. No other warranty, either expressed or implied is made. The evaluations and conclusions presented are based on our observations, our experience, and information provided by the client and by others for our use. Changes in the information or data gained from any of these sources could result in changes in our opinions and recommendations.

5 REFERENCES

Sutton, 2007: Interim Corrective Action Plan, Case ID: RO0000288, Oro Loma Sanitary District UST Site, District Services Center, San Lorenzo, California, prepared by The Sutton Group, dated August 28, 2007. Submitted to ACHCS Agency under District cover letter dated August 30, 2007.

Alameda County Health Care Services Agency, 2007: Fuel Leak Case No. RO0000288 (Geotracker Global ID# T0600101928) Oro Loma Sanitary District, 2600 Grant Avenue, San Lorenzo, CA. The letter dated November 5, 2007 provides technical comments on "Sutton, 2007" approving the plan and the ICAP Plan.

OLSD, 2007: Letter to Agency dated December 7, 2007: Requesting time extension for field work to begin spring 2008.

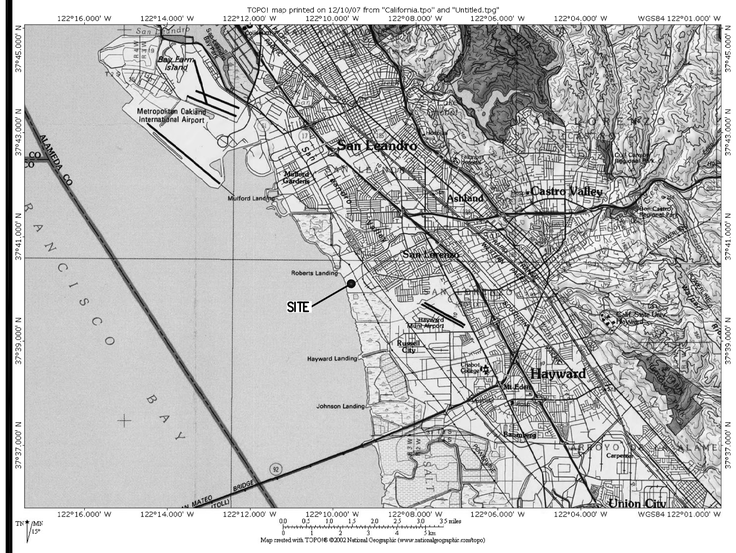
OLSD, 2008: Contract Documents for Fuel Storage Tank Remediation Project, Job No. 45-264, dated February 2008, prepared by Oro Loma Sanitary District.

Alameda County Health Care Services Agency, 2008: Fuel Leak Case No. RO0000288 (Geotracker Global ID# T0600101928) Oro Loma Sanitary District, 2600 Grant Avenue, San Lorenzo, CA. Letter dated November 20, 2008 requests Confirmation of Geotracker submission by December 21, 2008 and ICAP report submittal by January 21, 2009.

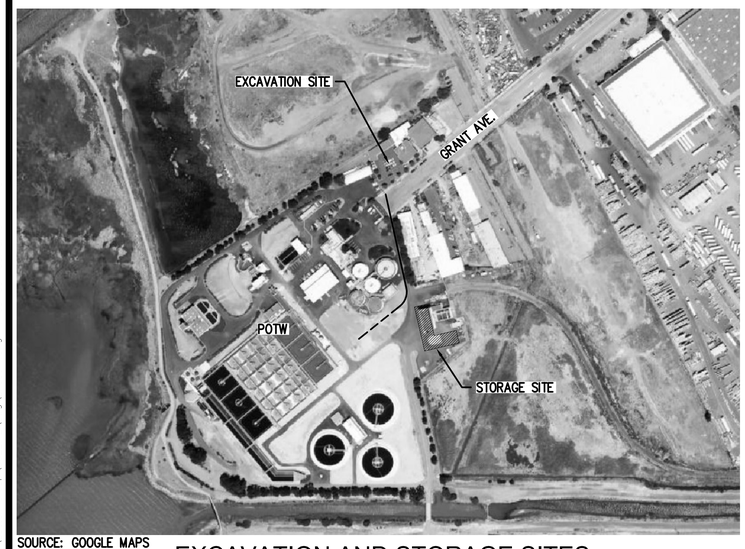
ssssSSSSSssss

FIGURES

Contract Drawings For
Oro Loma Sanitary District/Castro Valley Sanitary District
FUEL STORAGE TANK REMEDIATION PROJECT



VICINITY MAP



SOURCE: GOOGLE MAPS

EXCAVATION AND STORAGE SITES

NOT TO SCALE

District Project No. 45-264
Oro Loma Sanitary District
Alameda County - State of California

FEBRUARY, 2008

APPROVED BY:

THE SUTTON GROUP

REGISTERED PROFESSIONAL ENGINEER JASON WARNER No. 63,190 Exp. 6-30-08 STATE OF CALIFORNIA Civil

JASON WARNER
DISTRICT ENGINEER
R.C.E. 63190
Exp. 6/30/10
Date: 11/1/08

REGISTERED PROFESSIONAL ENGINEER JOHN R. SUTTON No. 40,324 Exp. 12-31-08 STATE OF CALIFORNIA Civil

JOHN R. SUTTON
Principal Engineer
R.C.E. No. C 40324
Exp 12/31/08
Date: 11/1/08

District Office

2655 Grant Avenue
San Lorenzo, California

Mailing Address

P.O. Box 95
San Lorenzo, CA 94580

Board of Directors

Oro Loma Sanitary District

Frank V. Sidari, President
Howard W. Kerr, Vice President
Laython Landis, Secretary
Timothy Becker, Director
Roland J. Dias, Director

Castro Valley Sanitary District

Dennis M. Waespi, President
Ralph Johnson, President Pro Tem
Timothy McGowen Secretary
Daniel M. Akagi, Secretary Pro Tem
Harry Francis

Oro Loma General Manager

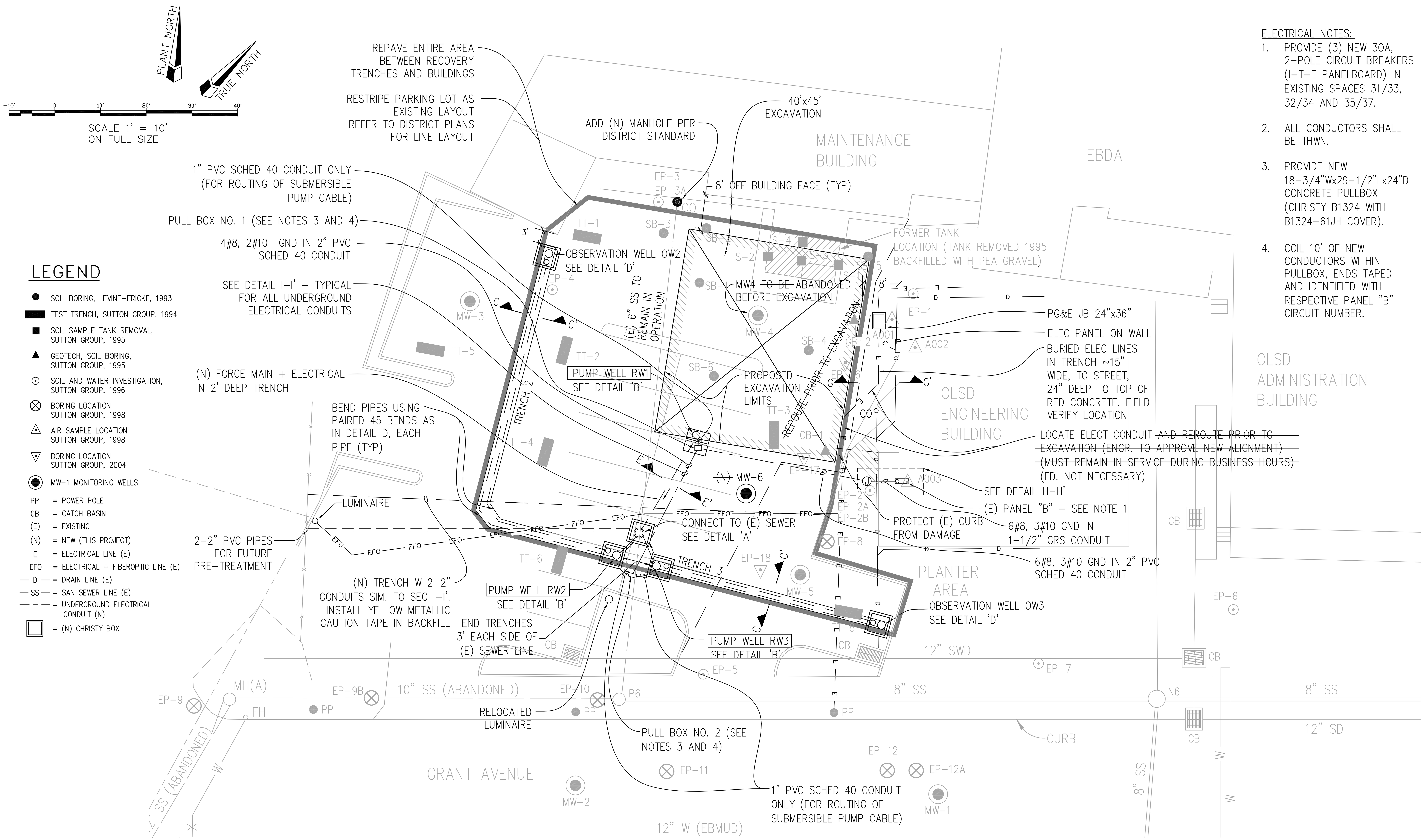
Jason Warner

Castro Valley General Manager

Roland Williams, Jr.

AS BUILT

T:\projects\Sutton Group\3022.12\dwg\Sheet 1.dwg 1-09-09 03:18:45 PM neil


PLANT NORTH
TRUE NORTH
-10' 0 10' 20' 30' 40'
SCALE 1' = 10'
ON FULL SIZE
LEGEND
SOIL BORING, LEVINE-FRICKE, 1993
TEST TRENCH, SUTTON GROUP, 1994
SOIL SAMPLE TANK REMOVAL, SUTTON GROUP, 1995
GEOTECH, SOIL BORING, SUTTON GROUP, 1995
SOIL AND WATER INVESTIGATION, SUTTON GROUP, 1996
BORING LOCATION SUTTON GROUP, 1998
AIR SAMPLE LOCATION SUTTON GROUP, 1998
BORING LOCATION SUTTON GROUP, 2004
MW-1 MONITORING WELLS
PP = POWER POLE
CB = CATCH BASIN
(E) = EXISTING
(N) = NEW (THIS PROJECT)
— E — = ELECTRICAL LINE (E)
—EFO— = ELECTRICAL + FIBEROPTIC LINE (E)
— D — = DRAIN LINE (E)
— SS — = SAN SEWER LINE (E)
— — — = UNDERGROUND ELECTRICAL CONDUIT (N)
= (N) CHRISTY BOX
REPAVE ENTIRE AREA BETWEEN RECOVERY TRENCHES AND BUILDINGS
RESTRIPE PARKING LOT AS EXISTING LAYOUT REFER TO DISTRICT PLANS FOR LINE LAYOUT
ADD (N) MANHOLE PER DISTRICT STANDARD
40'x45' EXCAVATION
MAINTENANCE BUILDING
EBDA
1" PVC SCHED 40 CONDUIT ONLY (FOR ROUTING OF SUBMERSIBLE PUMP CABLE)
8' OFF BUILDING FACE (TYP)
PULL BOX NO. 1 (SEE NOTES 3 AND 4)
4#8, 2#10 GND IN 2" PVC SCHED 40 CONDUIT
OBSERVATION WELL OW2 SEE DETAIL 'D'
FORMER TANK LOCATION (TANK REMOVED 1995 BACKFILLED WITH PEA GRAVEL)
SEE DETAIL I-I' - TYPICAL FOR ALL UNDERGROUND ELECTRICAL CONDUITS
(E) 6" SS TO REMAIN IN OPERATION
MW4 TO BE ABANDONED BEFORE EXCAVATION
PG&E JB 24"x36"
ELEC PANEL ON WALL
BURIED ELEC LINES IN TRENCH ~15" WIDE, TO STREET, 24" DEEP TO TOP OF RED CONCRETE. FIELD VERIFY LOCATION
OLSD ADMINISTRATION BUILDING
(N) FORCE MAIN + ELECTRICAL IN 2' DEEP TRENCH
PUMP WELL RW1 SEE DETAIL 'B'
PROPOSED EXCAVATION LIMITS
REROUTE PRIOR TO EXCAVATION
OLSD ENGINEERING BUILDING
BEND PIPES USING PAIRED 45 BENDS AS IN DETAIL D, EACH PIPE (TYP)
TRENCH 2
LOCATE ELECT CONDUIT ~~AND REROUTE PRIOR TO EXCAVATION (ENGR. TO APPROVE NEW ALIGNMENT) (MUST REMAIN IN SERVICE DURING BUSINESS HOURS)~~ (FD. NOT NECESSARY)
(N) MW-6
SEE DETAIL H-H'
(E) PANEL "B" - SEE NOTE 1
LUMINAIRE
CONNECT TO (E) SEWER SEE DETAIL 'A'
PROTECT (E) CURB FROM DAMAGE
6#8, 3#10 GND IN 1-1/2" GRS CONDUIT
2-2" PVC PIPES FOR FUTURE PRE-TREATMENT
TRENCH 3
6#8, 3#10 GND IN 2" PVC SCHED 40 CONDUIT
PLANTER AREA
(N) TRENCH W 2-2" CONDUITS SIM. TO SEC I-I'. INSTALL YELLOW METALLIC CAUTION TAPE IN BACKFILL
PUMP WELL RW2 SEE DETAIL 'B'
END TRENCHES 3' EACH SIDE OF (E) SEWER LINE
OBSERVATION WELL OW3 SEE DETAIL 'D'
PUMP WELL RW3 SEE DETAIL 'B'
12" SWD
10" SS (ABANDONED)
8" SS
12" SD
RELOCATED LUMINAIRE
PULL BOX NO. 2 (SEE NOTES 3 AND 4)
CURB
GRANT AVENUE
1" PVC SCHED 40 CONDUIT ONLY (FOR ROUTING OF SUBMERSIBLE PUMP CABLE)
SS (ABANDONED)
12" W (EBMUD)

ELECTRICAL NOTES:

1. PROVIDE (3) NEW 30A, 2-POLE CIRCUIT BREAKERS (I-T-E PANELBOARD) IN EXISTING SPACES 31/33, 32/34 AND 35/37.
2. ALL CONDUCTORS SHALL BE THWN.
3. PROVIDE NEW 18-3/4"Wx29-1/2"Lx24"D CONCRETE PULLBOX (CHRISTY B1324 WITH B1324-61JH COVER).
4. COIL 10' OF NEW CONDUCTORS WITHIN PULLBOX, ENDS TAPED AND IDENTIFIED WITH RESPECTIVE PANEL "B" CIRCUIT NUMBER.

AS BUILT

REV	DESCRIPTION	DATE

THE SUTTON GROUP
3708 Mt. Diablo Blvd. Suite 215
Lafayette, California 94549
925 284-4208 FAX 925 284-4189

REGISTERED PROFESSIONAL ENGINEER JOHN R. SUTTON No. 40,324 Exp. 12-31-08 CIVIL STATE OF CALIFORNIA

ORO LOMA SANITARY DISTRICT
2655 GRANT AVENUE
SAN LORENZO, CALIFORNIA

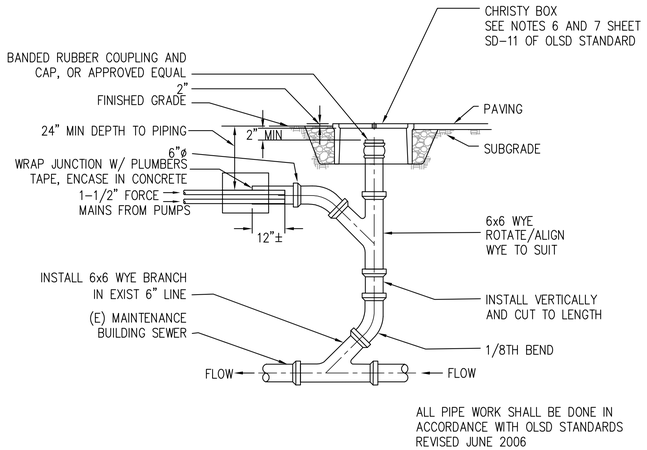
GASOLINE TANK AREA SITE PLAN REMEDIATION

JOB NO: 3022.12

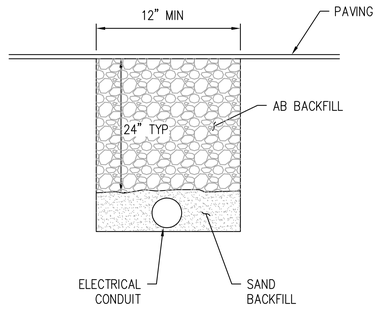
DATE: 1-09-09

SHEET 2

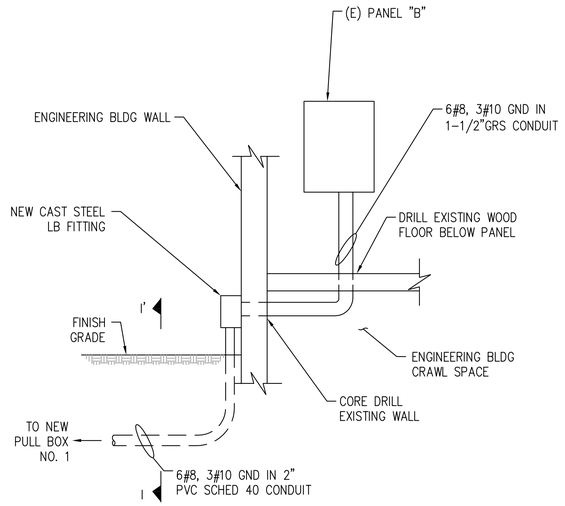
T:\projects\Sutton Group\3022.12\dwg\Sheet 2.dwg 1-09-09 03:17:33 PM neil



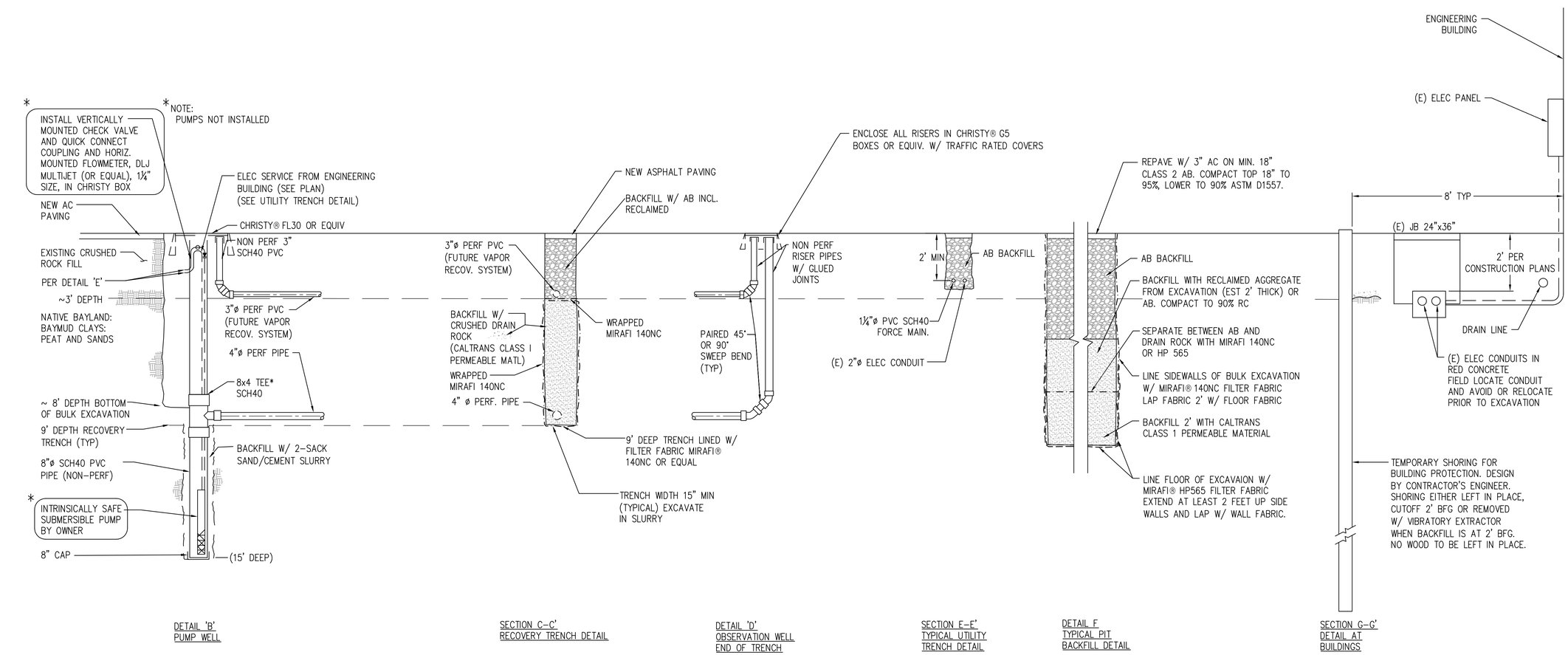
DETAIL 'A'-PUMP DISCHARGE TO (E) 6" SEWER
SCALE: ½" = 1'



DETAIL I-I'-TYPICAL UNDERGROUND ELECTRICAL CONDUIT
NO SCALE



DETAIL H-H'-ENGINEERING BLDG CONDUIT ENTRANCE
NO SCALE



EXISTING SITE CROSS SECTION
SCALE: ½" = 1'

-2' 0 2' 4' 6' 8'

SCALE 1/2"=1'-0"'
ON FULL SIZE 24x36

AS BUILT

REV	DESCRIPTION	DATE

THE SUTTON GROUP
3708 Mt. Diablo Blvd. Suite 215
Lafayette, California 94549
925 284-4208 FAX 925 284-4189

TOM R. SUTTON REGISTERED PROFESSIONAL ENGINEER No. 45,324 Exp. 12-31-09 CIVIL STATE OF CALIFORNIA

ORO LOMA SANITARY DISTRICT
2655 GRANT AVENUE
SAN LORENZO, CALIFORNIA

GASOLINE TANK AREA DETAILS & SECTIONS

JOB NO: 3022.12
DATE: 1-09-09
SHEET 3

T:\projects\Sutton Group\3022.12\dwg\Sheet 3.dwg 1-09-09 03:23:09 PM neil

APPENDIX A

Monitoring Well MW-4 Closure

and

Drilling of Boring SB-10

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 04/14/2008 By jamesy

Permit Numbers: W2008-0199 to W2008-0200
Permits Valid from 04/17/2008 to 04/17/2008

Application Id: 1207952006846
City of Project Site: San Lorenzo
Site Location: 2655 Grant Avenue, San Lorenzo, CA 94580
Project Start Date: 04/17/2008
Completion Date: 04/17/2008
Requested Inspection: 04/17/2008
Scheduled Inspection: 04/17/2008 at 1:00 PM (Contact your inspector, James Yoo at (510) 670-6633, to confirm.)

Applicant: The Sutton Group - John R Sutton
3708 Mt Diablo Bl #215, Lafayette, CA 94549
Phone: 925-284-4208

Property Owner: Jason Warner Oro Loma Sanitary Dist.
2655 Grant Avenue, San Lorenzo, CA 94580
Phone: 510-276-4700

Client: ** same as Property Owner **

	Total Due:	$500.00
Receipt Number: WR2008-0120	**Total Amount Paid:**	$500.00
Payer Name : The Sutton Group	Paid By: CHECK	**PAID IN FULL**

Works Requesting Permits:

Well Destruction-Monitoring - 1 Wells
Driller: Exploration Geoservices - Lic #: 484288 - Method: auger **Work Total: $300.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2008-0199	04/14/2008	07/16/2008	MW4	0.00 in.	0.00 in.	0.00 ft	8.00 ft			

Specific Work Permit Conditions

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

2. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

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

4. Applicant shall contact James Yoo for an inspection time at 510-670-6633 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters

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

6. Remove the Christy box or similar structure.

Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil.

After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.

7. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

Borehole(s) for Investigation-Environmental/Monitorinig Study - 1 Boreholes
Driller: Exploration Geoservices - Lic #: 484288 - Method: auger **Work Total: $200.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2008-0200	04/14/2008	07/16/2008	1	5.00 in.	8.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

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

4. Applicant shall contact James Yoo for an inspection time at 510-670-6633 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

6. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours

planned. No work shall begin until all the permits and requirements have been approved or obtained.

7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

PHONE (925) 284-4208
FAX (925) 871-3617
EMAIL:
suttongeo@sbcglobal.net

THE SUTTON GROUP

SOILS, FOUNDATIONS, DRAINAGE, SLOPES, CONTAINMENTS
CIVIL, GEOTECHNICAL AND ENVIRONMENTAL ENGINEERING

3708 Mount Diablo Blvd
Suite 215
Lafayette, CA, 94549

May 8, 2008

Mr. Steven Plunkett
Alameda County Environmental Health Department
Division of Environmental Protection
1131 Harbor Bay Parkway, 2nd floor
Alameda, CA 94502

Report of Well Closure and Soil Boring
Fuel Tank Remediation Project at the Oro Loma Sanitary District's Offices
2655 Grant Avenue
San Lorenzo, California
LOP Site No. RO0000288 ST ID 1996

Dear Mr. Plunkett:

On behalf of property owner, Oro Loma Sanitary District, The Sutton Group is pleased to provide this letter report documenting the closure of Monitoring Well MW4 at the above noted address. This work was performed in accordance with the Interim Corrective Action Plan dated August 28, 2007, which was accepted by Alameda County Environmental Health Department in their letter dated November 5, 2007.

BACKGROUND

Monitoring well MW4 was located in the asphalt paved parking lot adjacent to the District's Engineering Offices and its Maintenance Building, and within the planned bulk soil excavation area related to the former gasoline tank. Bulk excavation is planned to extend to eight feet depth in the area of the well. The 2-inch diameter well had been installed by this firm on October 16, 2002.

In order to characterize the source removal soil for disposal, a soil boring, designated SB-10, was advanced by the same drill rig in the vicinity of MW-4, which is where prior investigations had indicated the highest concentrations of contaminants. Figure 1 is a site plan which shows the location of the work.

Alameda County Public Works Agency (ACPWA) issued two permits for the work, Nos. W2008-0199 and W2008-0200 for the well closure and the boring, respectively.

FIELD ACTIVITIES

Monitoring Well MW-04 Closure

The Sutton Group sub-contracted closure of monitoring well MW-04 and drilling of the soil boring to Exploration Geoservices ("EG"), a California C57-licensed driller with hazardous waste operations certification.

On April 16, 2008 The Sutton Group and EG mobilized to the site for the closure of MW-04. Following removal of the well cover, the 2-inch diameter monitoring well MW-04 was over drilled to a depth of 15 feet bgs using an 8-inch OD x 3¼-inch ID hollow-stemmed auger. The well head, casing and demolition materials were placed in a DOT 55-gallon drum. The drum was labeled and will be held on site for disposal with the bulk of excavated soils in the next phase of the project, which will be within 60 days from the date of well closure. Neat cement grout was tremied through a pipe as the hollow-stemmed auger was extracted from the shaft. The top-most 1½ feet of the grouted shaft was capped with concrete.

Figure 2 is a log of the well closure for MW-4.

Soil Sampling

Soil boring SB-10 was located 5 feet from the MW-4 location, where the highest concentrations of ground contaminants that had been found in previous investigations. SB-10 was advanced to 8 feet depth, the planned depth of bulk soil removal, by EG under the observation of Staff Scientist, Bonnie Loox. Samples were collected from the auger flights, into clean glass containers, labeled, and placed on ice for transport to the laboratory. A chain of custody was prepared onsite and accompanied the samples to the laboratory.

Figure 3 is the log of the boring. Following sample collection, the shaft was closed with tremie-placed cement grout and topped with concrete.

Per agreement, Mr. James Yoo of the ACPWA was contacted by phone upon completion of the work.

Sample Analysis

Two of the three samples collected from boring SB-10 were analyzed for CAM 17 metals, total petroleum hydrocarbons gasoline range (TPH-G), total petroleum hydrocarbons diesel range (TPH-D), oil and grease (O&G), volatile organic compounds (VOC), and semi-volatile compounds (SVOC) in accordance with the request from the proposed landfill. The third sample was placed on-hold for possible future analysis. Analytical results are summarized in the table below. The laboratory report is included in the appendix

Table 1: SB-10 Soil Sampling Results Summary

Soil Boring	Depth (feet bgs)	TPH-G (ppm)	TPH-D (ppm)	O&G (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)	MTBE (ppm)
SB-10-GF	4	2.3	2.7	82	ND	ND	0.01	0.038	1
SB-10-7	7	2,700	260	110	12	11	60	270	ND<5.0

CONCLUSION

Based upon the above data, The Sutton Group believes that monitoring well MW-04 was closed in accordance with the ICAP and the ACPWA Well Permit, and the project is ready to continue to the next phase, bulk soil excavation.

CLOSURE

This evaluation has been performed expressly for the Oro Loma Sanitary District in accordance with generally accepted, engineering principles and practices of similarly licensed professionals in this local area for the agreed work scope. No other warranty, either expressed or implied is made.

Please call if you have questions or if we can assist you in any other way.

Yours truly,
THE SUTTON GROUP

Bonnie Loox
Environmental Specialist

John R Sutton
Principal Engineer
RCE 40324, GE812, exp 12/31/2008

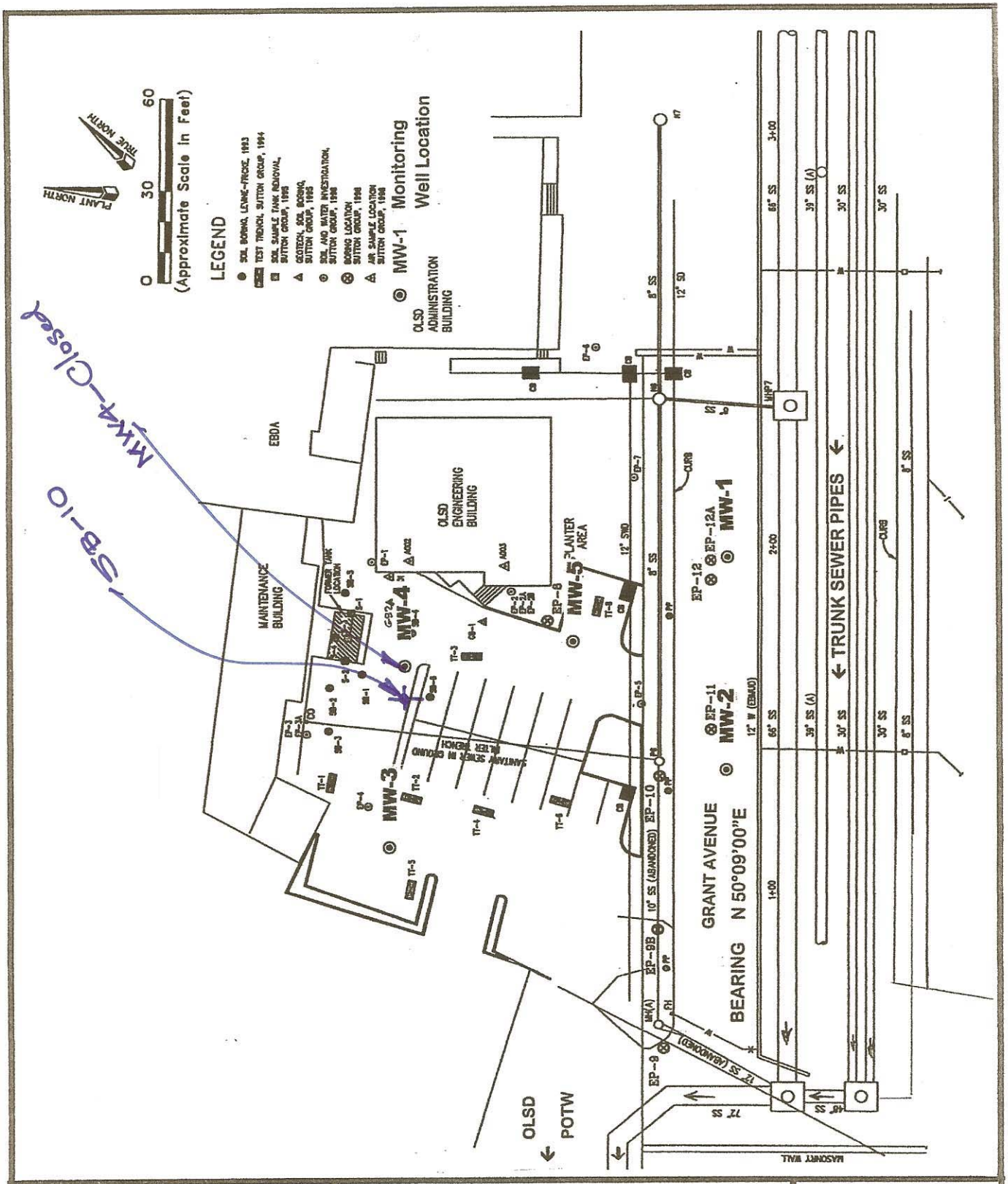
REGISTERED PROFESSIONAL ENGINEER JOHN R. SUTTON LIC. No. 40324 EXP. 12/31/08 CIVIL STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER JOHN R. SUTTON GE 812 EXP. 12/31/08 GEOTECHNICAL STATE OF CALIFORNIA

Attachments:

Figure 1	Well Location Plan, Former Gasoline Tank Area
Figure 2	Log, MW-4 Closed
Figure 3	Log, Soil Boring SB-10
Appendix:	Analytical Laboratory Report (McCampbell)
	DWR-188 Well Logs: MW-4, SB-10

Copy to Mr. Jason Warner, PE , Oro Loma Sanitary District
Copy to Mr. James Yoo, ACPWA
Copy uploaded to Alameda Co Health Services ftp web site.
Data uploaded to California DWR Geotracker database



THE SUTTON GROUP
Engineering and Environmental Services
3708 Mount Diablo Blvd, Suite 215
Lafayette, California, 94549
Phone: (925).284-4208
Fax: (925).284-4189

WELL LOCATION PLAN
SERVICE CENTER AREA
ORO LOMA SANITARY DISTRICT
2600 GRANT AVENUE,
SAN LORENZO, CA

PROJECT No. 3022.10

FIGURE 2

8/2/03

3022.10 Qtly Plan Fig 2

THE SUTTON GROUP
3708 Mt. Diablo Blvd,
SUITE 215
Lafayette, CA, 94549
(925) 284-4208

WELL DESTRUCTION LOG

WELL No. MW-4

Sheet 1 of 1

Project No.	3022.13	Drilling Company	Exploration Geoservices, Inc.
Date Drilled	4/16/2008	Driller	Dave Yeager Lic. No. C57: 484288
Client	Oro Loma Sanitary District	Drill Rig Model	Mobile B61
Site address	2655 Grant Avenue	Drilling Method /Dia.	8"x3¼" Hollow stemmed auger
	San Lorenzo, CA, 94580	Sampling Method	
Boring Location	Engrg./Mntc. Bldg Pkg. lot, near fmr tank loc.	Rim Elevation	9.40 Datum: msl

Logged By	Bonnie Loox	Water depth	5'			
		Time/Date	4/16/2008			

DEPTH FEET	SAMPLE #, TYPE	BLOWS / 6 IN./ N	SYMBOL	USCS CLASS	DESCRIPTION	MW4 WELL DETAILS	WELL DESTRUCT -ION	DEPTH FEET
0					Asphalt over Aggregate base, total thickness 8in			0
				GP-	FILL, crushed rock to 2" max size, moist, tan to blue green	@1 ½ '		TOP 1 ½' FILLED WITH CON CRETE
				-GM	Slight petroleum odor			
						@3½'		
						@4' SLOTTE TO 14 ft		
5					increased odor			5
				CH	CLAY, silty, soft, some peat, mod to strong			
				-OH	petroleum odor, wet, gray/black BAY MUD			
10					**Casing and sand-pack drilled out to 15 ft depth**			10
					Tremie- grouted up to 1½ ft depth			
					Top 1½' filled with concrete.			
15								15
					Total Depth drilled = 15 ft.			
20								20

SAMPLER Type: S = 2" OD SPT; CA = 2" ID California, 25 = 2½ " ID California, ST = Shelby, P = Pitcher Sample

THE SUTTON GROUP
3708 Mt. Diablo Blvd,
Suite 215
Lafayette, CA, 94549
(925) 284-4208

BORING LOG

BORING No.: **SB-10**

Sheet 1 of 1

Project No.	3022.13	Drilling Company	Exploration Geoservices, Inc.
Date Drilled	4/16/2008	Driller	Dave Yeager Lic. No. 484288
Client	Oro Loma Sanitary District	Drill Rig Model	Mobile B61
Site address	2655 Grant Avenue	Drilling Method	8"x3¼" Hollow stemmed auger
	San Lorenzo, CA, 94580	Borehole Diameter	
Boring	Engrg./Mntc. Bldg Pkg. lot,	Sampling Method	Grab sample from auger flights
Location	4 ft from MW-4	Start Drilling	11am End drilling 11:20am
		Surface Elevation	9.4± Datum msl

Logged By Bonnie Loox

water level	~5'				
Time/Date	Drill				

DEPTH FEET	SAMPLE TYPE	BLOW / N	BLOWCOUNT	USCS CLASS	DESCRIPTION	DEPTH FEET
0				**AC**	Asphalt on well-graded aggregate base, dark grey	0
				AB	Total depth approx 9".	
				GP	GRAVEL, very sandy-crushed rock to 2" max size, light brown	
	10-GF				@ 3.5': Gas = 2.3 ppm; B=ND, T=ND, EB=0.010, X=0.038, MTBE=1.0	
				CH	CLAY, very moist, high plastic, green, strong gasoline odor	
	10-4				Strong Petroleum odor. Sample on HOLD	▼
5						5
					CLAY, very moist, medium stiff, very silty, gray-green	
	10-7				@ 7' : Gas = 2,700 ppm; B=12, T=11, EB=60, X=270, MTBE=ND<5.0	
					Boring terminated at 8ft depth	
					Backfilled with cement grout, topped with concrete.	
10						10
15						15
						20

SAMPLER Type: S = 2" OD SPT; CA = 2" ID California, 25 = 2½ " ID California, ST = Shelby, P = Pitcher Sample

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA1905-1; Oro Loma SD Excavation	Date Sampled: 04/16/08
		Date Received: 04/16/08
	Client Contact: John Sutton	Date Reported: 04/18/08
	Client P.O.:	Date Completed: 04/18/08

WorkOrder: 0804386

April 18, 2008

Dear John:

Enclosed within are:

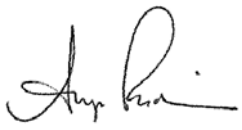
1) The results of the **2** analyzed samples from your project: **#CA1905-1; Oro Loma SD Excavatio**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,



Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0804386

RUSH

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

Report To: John Sutton Bill To: John Sutton

Company: The Sutton Group

3708 Mt. Diablo Blvd. #215 suttongeo@sbcglobal.net

Lafayette, CA 94549 E-Mail: bloox@ceresassociates.com

Tele: ( ) Fax: ( )

Project #: CA 1905-1 Project Name: Oro Loma SD Excavation

Project Location: San Lorenzo

Sampler Signature: BTP

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
SB-10-GF	Eof MW-4	4/16/08		2	GL		X				X			
SB-10-4	"	4/16/08		2	GL		X				X			
SB-10-7	"	4/16/08		2	GL		X				X			

Analysis Request

MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)	MTBE / BTEX ONLY (EPA 602 / 8021)	TPH as Diesel / ~~Motor Oil~~ (8015) TG	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)
		X	X							X	X		X		
HOLD															
		X	X							X	X		X		

Other

Comments: Filter Samples for Metals analysis: Yes / No

Relinquished By:	Date:	Time:	Received By:
	4/16/08	13:00	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 10.2°C ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

COMMENTS: GL= 4-oz glass jars

VOAS O&G METALS OTHER
PRESERVATION pH<2

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0804386 **ClientCode: TSG**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
John Sutton
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549

Email: suttongeo@sbcglobal.net
TEL: (925) 944-2856 FAX: 925-284-4189
PO:
ProjectNo: #CA1905-1; Oro Loma SD Excavation

Bill to:
Accounts Payable
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549

Requested TAT: 2 days

Date Received: **04/16/2008**
Date Printed: **04/16/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0804386-001	SB-10-GF	Solid	4/16/2008	☐		A		A		A		A		A		
0804386-003	SB-10-7	Sludge	4/16/2008	☐	A		A		A		A		A			

Test Legend:

1	5520E_SG_SLUDGE	2	5520E_SG_Solid	3	8260B_Sludge	4	8260B_Solid	5	8270D_Sludge
6	8270D_Solid	7	CAM17MS_Sludge	8	CAM17MS_Solid	9	G-MBTEX_Sludge	10	G-MBTEX_Solid
11		12							

The following SampIDs: 001A, 003A contain testgroup.

Prepared by: Melissa Valles

Comments: please cc: bloox@ceresassociates.com

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **The Sutton Group**
Date and Time Received: **4/16/08 1:26:48 PM**

Project Name: **#CA1905-1; Oro Loma SD Excavation**
Checklist completed and reviewed by: Melissa Valles

WorkOrder N°: **0804386** Matrix Sludge/Solid
Carrier: Client Drop-In

Chain of Custody (COC) Information

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 ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 10.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA1905-1; Oro Loma SD Excavation	Date Sampled: 04/16/08
		Date Received: 04/16/08
	Client Contact: John Sutton	Date Extracted: 04/16/08
	Client P.O.:	Date Analyzed 04/16/08

Petroleum Oil & Grease with Silica Gel Clean-Up*

Extraction method SM5520E/F Analytical methods SM5520E/F Work Order: 0804386

Lab ID	Client ID	Matrix	POG	DF	% SS
0804386-001A	SB-10-GF	S	82	1	N/A
0804386-003A	SB-10-7	SLUDGE	110	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S/SLUDGE	50	mg/Kg

* water samples and all TCLP & SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in mg/wipe, product/oil/non-aqueous liquid samples in mg/L.

DF = dilution factor (may be raised to dilute target analyte or matrix interference).

surrogate diluted out of range or not applicable to this sample.

g) sample extract repeatedly cleaned up with silica gel until constant IR result achieved; h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to matrix interference; r) results are reported on a dry weight basis.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA1905-1; Oro Loma SD Excavation	Date Sampled: 04/16/08
		Date Received: 04/16/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 04/16/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 04/17/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0804386

Lab ID	0804386-001A
Client ID	SB-10-GF
Matrix	Solid

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	0.0077	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.004
1,2-Dibromoethane (EDB)	ND	1.0	0.004	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethylbenzene	0.010	1.0	0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005
Freon 113	ND	1.0	0.1	Hexachlorobutadiene	ND	1.0	0.005
Hexachloroethane	ND	1.0	0.005	2-Hexanone	ND	1.0	0.005
Isopropylbenzene	ND	1.0	0.005	4-Isopropyl toluene	ND	1.0	0.005
Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	Methylene chloride	ND	1.0	0.005
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	Naphthalene	0.012	1.0	0.005
Nitrobenzene	ND	1.0	0.1	n-Propyl benzene	0.0061	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	0.073	1.0	0.005	1,3,5-Trimethylbenzene	0.024	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	0.038	1.0	0.005

Surrogate Recoveries (%)

%SS1:	108	%SS2:	99
%SS3:	96		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA1905-1; Oro Loma SD Excavation	Date Sampled: 04/16/08
		Date Received: 04/16/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 04/16/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 04/17/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0804386

Lab ID	0804386-003A
Client ID	SB-10-7
Matrix	Sludge

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<50	1000	0.05	Acrolein (Propenal)	ND<50	1000	0.05
Acrylonitrile	ND<20	1000	0.02	tert-Amyl methyl ether (TAME)	ND<5.0	1000	0.005
Benzene	12	1000	0.005	Bromobenzene	ND<5.0	1000	0.005
Bromochloromethane	ND<5.0	1000	0.005	Bromodichloromethane	ND<5.0	1000	0.005
Bromoform	ND<5.0	1000	0.005	Bromomethane	ND<5.0	1000	0.005
2-Butanone (MEK)	ND<20	1000	0.02	t-Butyl alcohol (TBA)	ND<50	1000	0.05
n-Butyl benzene	9.1	1000	0.005	sec-Butyl benzene	ND<5.0	1000	0.005
tert-Butyl benzene	ND<5.0	1000	0.005	Carbon Disulfide	ND<5.0	1000	0.005
Carbon Tetrachloride	ND<5.0	1000	0.005	Chlorobenzene	ND<5.0	1000	0.005
Chloroethane	ND<5.0	1000	0.005	2-Chloroethyl Vinyl Ether	ND<10	1000	0.01
Chloroform	ND<5.0	1000	0.005	Chloromethane	ND<5.0	1000	0.005
2-Chlorotoluene	ND<5.0	1000	0.005	4-Chlorotoluene	ND<5.0	1000	0.005
Dibromochloromethane	ND<5.0	1000	0.005	1,2-Dibromo-3-chloropropane	ND<4.0	1000	0.004
1,2-Dibromoethane (EDB)	ND<4.0	1000	0.004	Dibromomethane	ND<5.0	1000	0.005
1,2-Dichlorobenzene	ND<5.0	1000	0.005	1,3-Dichlorobenzene	ND<5.0	1000	0.005
1,4-Dichlorobenzene	ND<5.0	1000	0.005	Dichlorodifluoromethane	ND<5.0	1000	0.005
1,1-Dichloroethane	ND<5.0	1000	0.005	1,2-Dichloroethane (1,2-DCA)	ND<4.0	1000	0.004
1,1-Dichloroethene	ND<5.0	1000	0.005	cis-1,2-Dichloroethene	ND<5.0	1000	0.005
trans-1,2-Dichloroethene	ND<5.0	1000	0.005	1,2-Dichloropropane	ND<5.0	1000	0.005
1,3-Dichloropropane	ND<5.0	1000	0.005	2,2-Dichloropropane	ND<5.0	1000	0.005
1,1-Dichloropropene	ND<5.0	1000	0.005	cis-1,3-Dichloropropene	ND<5.0	1000	0.005
trans-1,3-Dichloropropene	ND<5.0	1000	0.005	Diisopropyl ether (DIPE)	ND<5.0	1000	0.005
Ethylbenzene	60	1000	0.005	Ethyl tert-butyl ether (ETBE)	ND<5.0	1000	0.005
Freon 113	ND<100	1000	0.1	Hexachlorobutadiene	ND<5.0	1000	0.005
Hexachloroethane	ND<5.0	1000	0.005	2-Hexanone	ND<5.0	1000	0.005
Isopropylbenzene	5.7	1000	0.005	4-Isopropyl toluene	ND<5.0	1000	0.005
Methyl-t-butyl ether (MTBE)	ND<5.0	1000	0.005	Methylene chloride	ND<5.0	1000	0.005
4-Methyl-2-pentanone (MIBK)	ND<5.0	1000	0.005	Naphthalene	14	1000	0.005
Nitrobenzene	ND<100	1000	0.1	n-Propyl benzene	19	1000	0.005
Styrene	ND<5.0	1000	0.005	1,1,1,2-Tetrachloroethane	ND<5.0	1000	0.005
1,1,2,2-Tetrachloroethane	ND<5.0	1000	0.005	Tetrachloroethene	ND<5.0	1000	0.005
Toluene	11	1000	0.005	1,2,3-Trichlorobenzene	ND<5.0	1000	0.005
1,2,4-Trichlorobenzene	ND<5.0	1000	0.005	1,1,1-Trichloroethane	ND<5.0	1000	0.005
1,1,2-Trichloroethane	ND<5.0	1000	0.005	Trichloroethene	ND<5.0	1000	0.005
Trichlorofluoromethane	ND<5.0	1000	0.005	1,2,3-Trichloropropane	ND<5.0	1000	0.005
1,2,4-Trimethylbenzene	100	1000	0.005	1,3,5-Trimethylbenzene	35	1000	0.005
Vinyl Chloride	ND<5.0	1000	0.005	Xylenes	270	1000	0.005

Surrogate Recoveries (%)

%SS1:	107	%SS2:	100
%SS3:	95		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA1905-1; Oro Loma SD Excavation	Date Sampled: 04/16/08
		Date Received: 04/16/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 04/16/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 04/17/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0804386

Lab ID	0804386-001A
Client ID	SB-10-GF
Matrix	Solid

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	72	%SS2:	77
%SS3:	77	%SS4:	86
%SS5:	66	%SS6:	83

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA1905-1; Oro Loma SD Excavation	Date Sampled: 04/16/08
		Date Received: 04/16/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 04/16/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 04/17/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0804386

Lab ID	0804386-003A
Client ID	SB-10-7
Matrix	Sludge

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<3.3	10	0.33	Acenaphthylene	ND<3.3	10	0.33
Acetochlor	ND<3.3	10	0.33	Anthracene	ND<3.3	10	0.33
Benzidine	ND<16	10	1.6	Benzoic Acid	ND<16	10	1.6
Benzo(a)anthracene	ND<3.3	10	0.33	Benzo(b)fluoranthene	ND<3.3	10	0.33
Benzo(k)fluoranthene	ND<3.3	10	0.33	Benzo(g,h,i)perylene	ND<3.3	10	0.33
Benzo(a)pyrene	ND<3.3	10	0.33	Benzyl Alcohol	ND<16	10	1.6
1,1-Biphenyl	ND<3.3	10	0.33	Bis (2-chloroethoxy) Methane	ND<3.3	10	0.33
Bis (2-chloroethyl) Ether	ND<3.3	10	0.33	Bis (2-chloroisopropyl) Ether	ND<3.3	10	0.33
Bis (2-ethylhexyl) Phthalate	ND<3.3	10	0.33	4-Bromophenyl Phenyl Ether	ND<3.3	10	0.33
Butylbenzyl Phthalate	ND<3.3	10	0.33	4-Chloroaniline	ND<6.6	10	0.66
4-Chloro-3-methylphenol	ND<3.3	10	0.33	2-Chloronaphthalene	ND<3.3	10	0.33
2-Chlorophenol	ND<3.3	10	0.33	4-Chlorophenyl Phenyl Ether	ND<3.3	10	0.33
Chrysene	ND<3.3	10	0.33	Dibenzo(a,h)anthracene	ND<3.3	10	0.33
Dibenzofuran	ND<3.3	10	0.33	Di-n-butyl Phthalate	ND<3.3	10	0.33
1,2-Dichlorobenzene	ND<3.3	10	0.33	1,3-Dichlorobenzene	ND<3.3	10	0.33
1,4-Dichlorobenzene	ND<3.3	10	0.33	3,3-Dichlorobenzidine	ND<6.6	10	0.66
2,4-Dichlorophenol	ND<3.3	10	0.33	Diethyl Phthalate	ND<3.3	10	0.33
2,4-Dimethylphenol	ND<3.3	10	0.33	Dimethyl Phthalate	ND<3.3	10	0.33
4,6-Dinitro-2-methylphenol	ND<16	10	1.6	2,4-Dinitrophenol	ND<16	10	1.6
2,4-Dinitrotoluene	ND<3.3	10	0.33	2,6-Dinitrotoluene	ND<3.3	10	0.33
Di-n-octyl Phthalate	ND<3.3	10	0.33	1,2-Diphenylhydrazine	ND<3.3	10	0.33
Fluoranthene	ND<3.3	10	0.33	Fluorene	ND<3.3	10	0.33
Hexachlorobenzene	ND<3.3	10	0.33	Hexachlorobutadiene	ND<3.3	10	0.33
Hexachlorocyclopentadiene	ND<16	10	1.6	Hexachloroethane	ND<3.3	10	0.33
Indeno (1,2,3-cd) pyrene	ND<3.3	10	0.33	Isophorone	ND<3.3	10	0.33
2-Methylnaphthalene	5.9	10	0.33	2-Methylphenol (o-Cresol)	ND<3.3	10	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<3.3	10	0.33	Naphthalene	ND<3.3	10	0.33
2-Nitroaniline	ND<16	10	1.6	3-Nitroaniline	ND<16	10	1.6
4-Nitroaniline	ND<16	10	1.6	Nitrobenzene	ND<3.3	10	0.33
2-Nitrophenol	ND<16	10	1.6	4-Nitrophenol	ND<16	10	1.6
N-Nitrosodiphenylamine	ND<3.3	10	0.33	N-Nitrosodi-n-propylamine	ND<3.3	10	0.33
Pentachlorophenol	ND<16	10	1.6	Phenanthrene	ND<3.3	10	0.33
Phenol	ND<3.3	10	0.33	Pyrene	ND<3.3	10	0.33
1,2,4-Trichlorobenzene	ND<3.3	10	0.33	2,4,5-Trichlorophenol	ND<3.3	10	0.33
2,4,6-Trichlorophenol	ND<3.3	10	0.33				

Surrogate Recoveries (%)

%SS1:	45	%SS2:	---#
%SS3:	59	%SS4:	85
%SS5:	---#	%SS6:	69

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA1905-1; Oro Loma SD Excavation	Date Sampled: 04/16/08
		Date Received 04/16/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted 04/16/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 04/17/08

CAM / CCR 17 Metals*

					Reporting Limit for DF =1; ND means not detected above the reporting limit	
Lab ID	0804386-003A					
Client ID	SB-10-7					
Matrix	Sludge				Sludge	W
Extraction Type	TOTAL				mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0804386

Dilution Factor	1				1	1
Antimony	ND				0.5	NA
Arsenic	3.9				0.5	NA
Barium	130				5.0	NA
Beryllium	ND				0.5	NA
Cadmium	ND				0.25	NA
Chromium	29				0.5	NA
Cobalt	6.7				0.5	NA
Copper	12				0.5	NA
Lead	18				0.5	NA
Mercury	ND				0.05	NA
Molybdenum	ND				0.5	NA
Nickel	27				0.5	NA
Selenium	ND				0.5	NA
Silver	ND				0.5	NA
Thallium	ND				0.5	NA
Vanadium	28				0.5	NA
Zinc	43				5.0	NA
%SS:	129					

Comments

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL 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 surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA1905-1; Oro Loma SD Excavation	Date Sampled: 04/16/08
		Date Received 04/16/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted 04/16/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 04/17/08

CAM / CCR 17 Metals*

					Reporting Limit for DF =1; ND means not detected above the reporting limit	
Lab ID	0804386-001A					
Client ID	SB-10-GF					
Matrix	S				S	W
Extraction Type	TOTAL				mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0804386

Dilution Factor	10				1	1
Antimony	ND<5.0				0.5	NA
Arsenic	ND<5.0				0.5	NA
Barium	ND<50				5.0	NA
Beryllium	ND<5.0				0.5	NA
Cadmium	ND<2.5				0.25	NA
Chromium	72				0.5	NA
Cobalt	26				0.5	NA
Copper	130				0.5	NA
Lead	ND<5.0				0.5	NA
Mercury	ND<0.50				0.05	NA
Molybdenum	ND<5.0				0.5	NA
Nickel	58				0.5	NA
Selenium	ND<5.0				0.5	NA
Silver	ND<5.0				0.5	NA
Thallium	ND<5.0				0.5	NA
Vanadium	60				0.5	NA
Zinc	ND<50				5.0	NA
%SS:	104					
Comments	k					

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL 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 surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative; J) "J-Flag" - estimated value detected between the RL & MDL.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA1905-1; Oro Loma SD Excavation	Date Sampled: 04/16/08
		Date Received: 04/16/08
	Client Contact: John Sutton	Date Extracted: 04/16/08
	Client P.O.:	Date Analyzed 04/16/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method SW5030B Analytical methods SW8015Cm Work Order: 0804386

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
001A	SB-10-GF	S	2.3,b	1	95
003A	SB-10-7	SLUDGE	2700,b,m	1000	---#

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S/SLUDGE	1.0	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

sample peak coelutes with surrogate peak; no surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high organic content / insufficient sample amount; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA1905-1; Oro Loma SD Excavation	Date Sampled: 04/16/08
		Date Received: 04/16/08
	Client Contact: John Sutton	Date Extracted: 04/16/08
	Client P.O.:	Date Analyzed 04/16/08-04/17/08

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3550C Analytical methods: SW8015C Work Order: 0804386

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0804386-001A	SB-10-GF	S	2.7,g,b,d	1	108
0804386-003A	SB-10-7	Sludge	260,d	5	117

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S/Sludge	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant (asphalt); h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SM5520E/F

W.O. Sample Matrix: Sludge/Solid QC Matrix: Soil WorkOrder 0804386

EPA Method SM5520E/F	Extraction SM5520E/F	BatchID: 35020	Spiked Sample ID: 0804377-021A

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	RPD	LCS/LCSD	RPD
POG	ND	1000	110	112	2.26	89.9	92.2	2.54	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35020 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0804386-001A	04/16/08	04/16/08	04/16/08 7:35 PM	0804386-003A	04/16/08	04/16/08	04/16/08 7:40 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 enough sample to perform matrix spike and matrix spike duplicate.

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 ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Sludge/Solid QC Matrix: Soil WorkOrder 0804386

EPA Method SW8015C	Extraction SW3550C	BatchID: 35019	Spiked Sample ID: 0804377-035A

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	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	20	110	115	4.12	116	104	11.3	70 - 130	30	70 - 130	30
%SS:	115	50	115	108	6.47	105	97	8.26	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35019 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0804386-001A	04/16/08	04/16/08	04/17/08 10:28 AM	0804386-003A	04/16/08	04/16/08	04/16/08 7:39 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 enough sample to perform matrix spike and matrix spike duplicate.

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 ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Sludge/Solid QC Matrix: Soil WorkOrder 0804386

EPA Method SW8260B	Extraction SW5030B	BatchID: 35035	Spiked Sample ID: 0804377-037A

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	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	120	119	0.857	116	115	0.732	60 - 130	30	60 - 130	30
Benzene	ND	0.050	117	110	6.29	114	112	1.99	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	78.2	83	5.96	81.4	93	13.3	60 - 130	30	60 - 130	30
Chlorobenzene	ND	0.050	107	102	4.50	103	101	1.63	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	110	108	1.86	108	107	0.990	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	121	118	2.58	118	117	0.406	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	116	113	2.71	112	111	1.70	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	121	119	1.76	118	117	0.983	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	120	119	0.840	117	119	0.947	60 - 130	30	60 - 130	30
Toluene	ND	0.050	128	120	6.45	122	120	1.50	60 - 130	30	60 - 130	30
Trichloroethene	ND	0.050	110	104	5.33	106	107	0.109	60 - 130	30	60 - 130	30
%SS1:	99	0.050	103	103	0	99	98	0.806	70 - 130	30	70 - 130	30
%SS2:	107	0.050	113	113	0	111	111	0	70 - 130	30	70 - 130	30
%SS3:	118	0.050	73	74	0.589	76	77	1.01	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35035 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0804386-001A	04/16/08	04/16/08	04/17/08 10:04 PM	0804386-003A	04/16/08	04/16/08	04/17/08 9:20 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 enough sample to perform matrix spike and matrix spike duplicate.

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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Sludge/Solid QC Matrix: Soil WorkOrder 0804386

EPA Method SW8021B/8015Cm **Extraction SW5030B** **BatchID: 35037** **Spiked Sample ID: 0804377-037A**

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	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	102	108	6.14	106	108	1.36	70 - 130	20	70 - 130	20
MTBE	ND	0.10	95.5	103	7.13	105	109	3.68	70 - 130	20	70 - 130	20
Benzene	ND	0.10	89.7	95.1	5.90	99.1	101	1.46	70 - 130	20	70 - 130	20
Toluene	ND	0.10	105	111	6.07	115	116	1.02	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	99.8	106	6.26	108	111	2.48	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	109	117	6.46	119	121	1.66	70 - 130	20	70 - 130	20
%SS:	87	0.10	90	93	3.41	99	99	0	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35037 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0804386-001A	04/16/08	04/16/08	04/16/08 8:39 PM	0804386-003A	04/16/08	04/16/08	04/16/08 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.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or 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.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Sludge/Solid QC Matrix: Soil WorkOrder: 0804386

EPA Method SW8270C	Extraction SW3550C				BatchID: 35036			Spiked Sample ID: 0804453-001A			
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	RPD	LCS/LCSD	RPD
Acenaphthene	ND<16	2	97	96	1.04	72.9	72.7	0.357	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND<16	4	73.8	77.2	4.64	66.7	67.7	1.53	30 - 130	30	30 - 130	30
2-Chlorophenol	ND<16	4	92.2	92.5	0.271	77.2	79.3	2.71	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND<16	2	98	99	1.02	75.5	75.7	0.278	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND<16	2	NR	NR	NR	72.9	73.2	0.438	30 - 130	30	30 - 130	30
4-Nitrophenol	ND<80	4	57.5	67.5	16.0	91.3	91	0.324	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND<16	2	96.5	101	4.56	75.5	76.2	1.00	30 - 130	30	30 - 130	30
Pentachlorophenol	ND<80	4	NR	NR	NR	48.2	45.4	6.03	30 - 130	30	30 - 130	30
Phenol	ND<16	4	90.8	91.5	0.823	65.6	67.1	2.25	30 - 130	30	30 - 130	30
Pyrene	ND<16	2	69	69	0	63.9	62.8	1.78	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND<16	2	87.5	86.5	1.15	69	68.7	0.479	30 - 130	30	30 - 130	30
%SS1:	82	200	84	82	1.73	92	94	2.21	30 - 130	30	30 - 130	30
%SS2:	76	200	78	74	5.30	87	90	2.77	30 - 130	30	30 - 130	30
%SS3:	76	200	77	78	2.42	88	88	0	30 - 130	30	30 - 130	30
%SS4:	105	200	92	91	0.769	94	92	1.51	30 - 130	30	30 - 130	30
%SS5:	43	200	49	53	8.35	86	85	0.550	30 - 130	30	30 - 130	30
%SS6:	68	200	62	58	7.19	81	81	0	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35036 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0804386-001A	04/16/08	04/16/08	04/17/08 5:11 PM	0804386-003A	04/16/08	04/16/08	04/17/08 6:35 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 enough sample to perform matrix spike and matrix spike duplicate.

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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Sludge QC Matrix: Soil WorkOrder 0804386

EPA Method 6020A **Extraction SW3050B** **BatchID: 35021** **Spiked Sample ID 0804377-028A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	ND	50	97.6	102	4.79	10	103	107	4.01	70 - 130	20	80 - 120	20
Arsenic	3.3	50	97.2	102	4.85	10	103	108	4.37	70 - 130	20	80 - 120	20
Barium	140	500	99.3	106	5.28	100	102	105	2.80	70 - 130	20	80 - 120	20
Beryllium	ND	50	87.3	89.8	2.89	10	100	104	3.44	70 - 130	20	80 - 120	20
Cadmium	ND	50	92.5	97.1	4.86	10	102	104	2.24	70 - 130	20	80 - 120	20
Chromium	100	50	105	123	5.69	10	99.3	106	6.72	70 - 130	20	80 - 120	20
Cobalt	11	50	89.3	93.8	3.97	10	102	105	2.90	70 - 130	20	80 - 120	20
Copper	28	50	95.3	105	5.95	10	98.6	105	6.21	70 - 130	20	80 - 120	20
Lead	4.4	50	94.7	101	5.52	10	101	104	2.83	70 - 130	20	80 - 120	20
Mercury	0.14	1.25	94.1	99.8	5.27	0.25	102	103	0.973	70 - 130	20	80 - 120	20
Molybdenum	ND	50	95	99.7	4.85	10	99.5	104	4.73	70 - 130	20	80 - 120	20
Nickel	59	50	103	117	6.17	10	101	107	5.89	70 - 130	20	80 - 120	20
Selenium	ND	50	94.5	96.9	2.43	10	99.9	108	7.41	70 - 130	20	80 - 120	20
Silver	ND	50	88.7	92.8	4.54	10	98.6	102	3.79	70 - 130	20	80 - 120	20
Thallium	ND	50	95.2	101	5.86	10	97.7	102	3.85	70 - 130	20	80 - 120	20
Vanadium	56	50	99.6	112	5.49	10	99.4	107	7.29	70 - 130	20	80 - 120	20
Zinc	37	500	93.9	98	3.99	100	103	106	2.78	70 - 130	20	80 - 120	20
%SS:	98	250	105	112	6.76	250	94	98	3.91	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 35021 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0804386-003A	04/16/08	04/16/08	04/17/08 2:09 AM				

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.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Solid QC Matrix: Soil WorkOrder 0804386

EPA Method 6020A **Extraction SW3050B** **BatchID: 35021** **Spiked Sample ID 0804377-028A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	ND	50	97.6	102	4.79	10	103	107	4.01	70 - 130	20	80 - 120	20
Arsenic	3.3	50	97.2	102	4.85	10	103	108	4.37	70 - 130	20	80 - 120	20
Barium	140	500	99.3	106	5.28	100	102	105	2.80	70 - 130	20	80 - 120	20
Beryllium	ND	50	87.3	89.8	2.89	10	100	104	3.44	70 - 130	20	80 - 120	20
Cadmium	ND	50	92.5	97.1	4.86	10	102	104	2.24	70 - 130	20	80 - 120	20
Chromium	100	50	105	123	5.69	10	99.3	106	6.72	70 - 130	20	80 - 120	20
Cobalt	11	50	89.3	93.8	3.97	10	102	105	2.90	70 - 130	20	80 - 120	20
Copper	28	50	95.3	105	5.95	10	98.6	105	6.21	70 - 130	20	80 - 120	20
Lead	4.4	50	94.7	101	5.52	10	101	104	2.83	70 - 130	20	80 - 120	20
Mercury	0.14	1.25	94.1	99.8	5.27	0.25	102	103	0.973	70 - 130	20	80 - 120	20
Molybdenum	ND	50	95	99.7	4.85	10	99.5	104	4.73	70 - 130	20	80 - 120	20
Nickel	59	50	103	117	6.17	10	101	107	5.89	70 - 130	20	80 - 120	20
Selenium	ND	50	94.5	96.9	2.43	10	99.9	108	7.41	70 - 130	20	80 - 120	20
Silver	ND	50	88.7	92.8	4.54	10	98.6	102	3.79	70 - 130	20	80 - 120	20
Thallium	ND	50	95.2	101	5.86	10	97.7	102	3.85	70 - 130	20	80 - 120	20
Vanadium	56	50	99.6	112	5.49	10	99.4	107	7.29	70 - 130	20	80 - 120	20
Zinc	37	500	93.9	98	3.99	100	103	106	2.78	70 - 130	20	80 - 120	20
%SS:	98	250	105	112	6.76	250	94	98	3.91	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 35021 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0804386-001A	04/16/08	04/16/08	04/17/08 1:55 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.

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

APPENDIX B

Soil Profiling for Gravelly Sand

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA 1905-1; Oro Loma	Date Sampled: 05/05/08
		Date Received: 05/05/08
	Client Contact: John Sutton	Date Reported: 05/15/08
	Client P.O.:	Date Completed: 05/15/08

WorkOrder: 0805312

May 15, 2008

Dear John:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **#CA 1905-1; Oro Loma,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

RUSH

080532

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

Report To: John Sutton Bill To: Same

Company: Sutton Group

3708 Mount Diablo Blvd. Suite 215 bloox@ceresassociates.com

Lafayette, CA 94549 E-Mail: suttongeo@sbcglobal.com

Tele: (925) 579-8518 Fax: ( )

Project #: CA 1905-1 Project Name: Oro Loma

Project Location: 2655 Grant Avenue, San Lorenzo

Sampler Signature: Bonnie Loox

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)	MTBE / BTEX ONLY (EPA 602 / 8021)	TPH as Diesel / ~~Motor Oil (8015)~~	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	tame, etbe, dipe, TBA, edb, edc.	Other	Comments
SB-11		5/5/08		1	Gl		X				X																				Filter Samples for Metals analysis: Yes / No
SB-12		5/5/08		1	Gl		X				X				X		X											X	X		
SB-13		5/5/08		1	Gl		X				X				X		X											X	X		

Relinquished By:	Date:	Time:	Received By:
	5/5/08		M-C Vall
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° N/g
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

COMMENTS: PLEASE HOLD SAMPLES
off hold 5/12/08 per email

VOAS O&G METALS OTHER
PRESERVATION pH<2

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0805312 **ClientCode: TSG**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
John Sutton
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549
(925) 944-2856 FAX 925-284-4189

Email: suttongeo@sbcglobal.net
cc: bloox@ceresassociates.com
PO:
ProjectNo: #CA 1905-1; Oro Loma

Bill to:
Accounts Payable
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549

Requested TAT: 3 days

Date Received: **05/05/2008**
Date Printed: **05/12/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0805312-002	SB-12	Soil	5/5/2008	☐	A	A	A	A								
0805312-003	SB-13	Soil	5/5/2008	☐	A	A	A	A								

Test Legend:

1	5-OXYS+PBSCV_S	2	CAM17MS_S	3	G-MBTEX_S	4	TPH(D)_S	5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments: Samples received 5/5/08; Off hold 5/12/08

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **The Sutton Group**

Date and Time Received: **5/5/08**

Project Name: **#CA 1905-1; Oro Loma**

Checklist completed and reviewed by: Melissa Valles

WorkOrder N°: **0805312** Matrix Soil

Carrier: Client Drop-In

Chain of Custody (COC) Information

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 ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp:		NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA 1905-1; Oro Loma	Date Sampled: 05/05/08
		Date Received: 05/05/08
	Client Contact: John Sutton	Date Extracted: 05/12/08
	Client P.O.:	Date Analyzed 05/13/08

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0805312

					Reporting Limit for DF =1	
Lab ID	0805312-002A	0805312-003A				
Client ID	SB-12	SB-13				
Matrix	S	S				
DF	20	1			S	W
Compound	**Concentration**				mg/kg	ug/L
tert-Amyl methyl ether (TAME)	ND<0.10	ND			0.005	NA
t-Butyl alcohol (TBA)	ND<1.0	ND			0.05	NA
1,2-Dibromoethane (EDB)	ND<0.080	ND			0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND<0.080	ND			0.004	NA
Diisopropyl ether (DIPE)	ND<0.10	ND			0.005	NA
Ethyl tert-butyl ether (ETBE)	ND<0.10	ND			0.005	NA
Methyl-t-butyl ether (MTBE)	ND<0.10	ND			0.005	NA
Surrogate Recoveries (%)						
%SS1:	94	99				
Comments	j					

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA 1905-1; Oro Loma	Date Sampled: 05/05/08
		Date Received 05/05/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted 05/12/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/13/08

CAM / CCR 17 Metals*

Lab ID	0805312-002A	0805312-003A			Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	SB-12	SB-13				
Matrix	S	S			S	W
Extraction Type	TOTAL	TOTAL			mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0805312

Dilution Factor	1	1			1	1
Antimony	ND	1.3			0.5	NA
Arsenic	4.3	8.1			0.5	NA
Barium	140	150			5.0	NA
Beryllium	ND	ND			0.5	NA
Cadmium	0.32	0.36			0.25	NA
Chromium	38	46			0.5	NA
Cobalt	10	11			0.5	NA
Copper	37	30			0.5	NA
Lead	100	69			0.5	NA
Mercury	0.15	0.11			0.05	NA
Molybdenum	ND	0.67			0.5	NA
Nickel	36	39			0.5	NA
Selenium	ND	ND			0.5	NA
Silver	ND	ND			0.5	NA
Thallium	ND	ND			0.5	NA
Vanadium	35	44			0.5	NA
Zinc	150	100			5.0	NA
%SS:	101	102				

Comments					

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; J) analyte detected below quantitation limits; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA 1905-1; Oro Loma	Date Sampled: 05/05/08
3708 Mt. Diablo Blvd, Ste. 215		Date Received: 05/05/08
Lafayette, CA 94549	Client Contact: John Sutton	Date Extracted: 05/12/08
	Client P.O.:	Date Analyzed 05/13/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0805312

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
002A	SB-12	S	6200,b,m	ND<10	13	230	110	640	200	---#
003A	SB-13	S	360,b,m	ND<1.0	0.99	3.5	9.6	22	20	---#

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	1	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high organic / MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA 1905-1; Oro Loma	Date Sampled: 05/05/08
		Date Received: 05/05/08
	Client Contact: John Sutton	Date Extracted: 05/12/08
	Client P.O.:	Date Analyzed 05/13/08-05/14/08

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3550C Analytical methods: SW8015C Work Order: 0805312

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0805312-002A	SB-12	S	1200,d	100	---#
0805312-003A	SB-13	S	110,d,g	10	90

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) results are reported on a dry weight basis.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0805312

EPA Method SW8260B	Extraction SW5030B	BatchID: 35576	Spiked Sample ID: 0805321-001A

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	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	114	109	4.61	109	114	4.80	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	112	107	5.22	109	111	2.43	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	107	103	3.98	103	107	3.85	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	111	106	4.21	100	109	8.18	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	103	97.2	5.72	101	107	5.56	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	111	104	5.96	104	110	5.26	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	112	105	5.63	105	110	4.24	60 - 130	30	60 - 130	30
%SS1:	93	0.050	100	99	0.479	97	98	1.32	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35576 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805312-002A	05/05/08	05/12/08	05/13/08 1:26 PM	0805312-003A	05/05/08	05/12/08	05/13/08 2:09 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 enough sample to perform matrix spike and matrix spike duplicate.

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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0805312

EPA Method 6020A **Extraction SW3050B** **BatchID: 35575** **Spiked Sample ID 0805312-003A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	1.3	50	108	108	0	10	97.2	102	5.22	70 - 130	20	80 - 120	20
Arsenic	8.1	50	104	103	0.919	10	92.2	96.2	4.21	70 - 130	20	80 - 120	20
Barium	150	500	106	108	1.29	100	92.2	97.1	5.13	70 - 130	20	80 - 120	20
Beryllium	ND	50	98.4	99.5	1.12	10	97.2	103	5.63	70 - 130	20	80 - 120	20
Cadmium	0.36	50	103	104	0.905	10	93.7	98.8	5.31	70 - 130	20	80 - 120	20
Chromium	46	50	103	103	0	10	90.6	94.9	4.60	70 - 130	20	80 - 120	20
Cobalt	11	50	99	101	1.52	10	93.6	99.2	5.81	70 - 130	20	80 - 120	20
Copper	30	50	105	104	0.427	10	91.9	96.2	4.55	70 - 130	20	80 - 120	20
Lead	69	50	111	113	0.801	10	92.7	98	5.53	70 - 130	20	80 - 120	20
Mercury	0.11	1.25	96.2	98.3	2.03	0.25	88.8	92.6	3.89	70 - 130	20	80 - 120	20
Molybdenum	0.67	50	101	102	0.993	10	91.4	97.5	6.47	70 - 130	20	80 - 120	20
Nickel	39	50	107	105	0.896	10	91.2	95.8	4.82	70 - 130	20	80 - 120	20
Selenium	ND	50	97.8	99.4	1.63	10	90.2	95.3	5.51	70 - 130	20	80 - 120	20
Silver	ND	50	98.7	99.3	0.586	10	90.6	96.3	6.06	70 - 130	20	80 - 120	20
Thallium	ND	50	102	102	0	10	90.2	94.5	4.67	70 - 130	20	80 - 120	20
Vanadium	44	50	105	104	0.426	10	90.1	95.2	5.48	70 - 130	20	80 - 120	20
Zinc	100	500	106	108	1.54	100	96.4	102	5.50	70 - 130	20	80 - 120	20
%SS:	102	250	109	111	1.60	250	93	99	5.46	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 35575 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805312-002A	05/05/08	05/12/08	05/13/08 1:36 PM	0805312-003A	05/05/08	05/12/08	05/13/08 1:12 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.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0805312

EPA Method SW8021B/8015Cm	Extraction SW5030B	BatchID: 35572	Spiked Sample ID: 0805321-001A

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	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	98.1	99.1	0.997	107	91.3	16.3	70 - 130	20	70 - 130	20
MTBE	ND	0.10	100	108	7.63	93.3	102	8.89	70 - 130	20	70 - 130	20
Benzene	ND	0.10	89.8	91.9	2.25	89.6	95.4	6.27	70 - 130	20	70 - 130	20
Toluene	ND	0.10	72.2	70.8	1.91	76.4	81	5.90	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	88.2	88.1	0.153	87.4	88.5	1.23	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	78.8	78.4	0.459	79.4	81.5	2.55	70 - 130	20	70 - 130	20
%SS:	80	0.10	77	78	1.35	82	81	1.00	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35572 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805312-002A	05/05/08	05/12/08	05/13/08 2:11 PM	0805312-003A	05/05/08	05/12/08	05/13/08 1:39 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.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or 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.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0805312

EPA Method SW8015C	Extraction SW3550C	BatchID: 35573	Spiked Sample ID: 0805312-003A

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	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	110	20	NR	NR	NR	108	108	0	70 - 130	30	70 - 130	30
%SS:	90	50	92	92	0	94	94	0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35573 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805312-002A	05/05/08	05/12/08	05/13/08 9:44 AM	0805312-003A	05/05/08	05/12/08	05/14/08 11:56 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 enough sample to perform matrix spike and matrix spike duplicate.

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 ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA 1905-1; Oro Loma	Date Sampled: 05/05/08
		Date Received: 05/05/08
	Client Contact: John Sutton	Date Reported: 05/15/08
	Client P.O.:	Date Completed: 05/22/08

WorkOrder: 0805312

May 23, 2008

Dear John:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **#CA 1905-1; Oro Loma,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

RUSH

080312

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

Report To: John Sutton	Bill To: Same
Company: Sutton Group	
3708 Mount Diablo Blvd. Suite 215 bloox@ceresassociates.com	
Lafayette, CA 94549 E-Mail: suttongeo@sbcglobal.com	
Tele: (925) 579-8518	Fax: ( )
Project #: CA 1905-1	Project Name: Oro Loma
Project Location: 2655 Grant Avenue, San Lorenzo	
Sampler Signature: Bonnie Loox	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)	MTBE / BTEX ONLY (EPA 602 / 8021)	TPH as Diesel / ~~Motor Oil (8015)~~	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	tame, etbe, dipe, TBA, edb, edc.	Stlc Pb added 5/19/08 Sassy	Other	Comments
SB-11		5/5/08		1	Gl		X				X																					Filter Samples for Metals analysis: Yes / No
SB-12		5/5/08		1	Gl		X				X				X		X											X	X	X		
SB-13		5/5/08		1	Gl		X				X				X		X											X	X	X		

Relinquished By:	Date: 5/9/08	Time:	Received By: M-D Vall
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° N/G
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

COMMENTS: PLEASE HOLD SAMPLES off hold 5/12/08 per email

PRESERVATION VOAS O&G METALS OTHER pH<2

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 080531 A **ClientCode: TSG**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
John Sutton
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549
(925) 944-2856 FAX 925-284-4189

Email: suttongeo@sbcglobal.net
cc: bloox@ceresassociates.com
PO:
ProjectNo: #CA 1905-1; Oro Loma

Bill to:
Accounts Payable
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549

Requested TAT: 3 days
Date Received: **05/05/2008**
Date Add-On: **05/19/2008**
Date Printed: **05/19/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
0805312-002	SB-12	Soil	5/5/2008	☐	A											
0805312-003	SB-13	Soil	5/5/2008	☐	A											

Test Legend:

1	STLC_PB_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments: Samples received 5/5/08; Off hold 5/12/08/ Stlc Pb added 5/19/08 5 day per email

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA 1905-1; Oro Loma	Date Sampled: 05/05/08
		Date Received: 05/05/08
	Client Contact: John Sutton	Date Extracted: 05/19/08-05/21/08
	Client P.O.:	Date Analyzed 05/22/08

Lead by ICP*

Extraction method CA Title 22 Analytical methods SW6010C Work Order: 0805312

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS
0805312-002A	SB-12	S	WET	8.0	1	N/A
0805312-003A	SB-13	S	WET	4.3	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	WET	0.2	mg/L

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL 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 surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW6010C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0805312

EPA Method SW6010C	Extraction CA Title 22	BatchID: 35624	Spiked Sample ID: N/A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	N/A	1	N/A	N/A	N/A	102	108	6.11	N/A	N/A	80 - 120	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35624 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805312-002A	05/05/08	05/19/08	05/22/08 11:27 AM	0805312-003A	05/05/08	05/19/08	05/22/08 11:29 AM

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 ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA 1905-1; Oro Loma	Date Sampled: 05/05/08
		Date Received: 05/05/08
	Client Contact: John Sutton	Date Reported: 05/30/08
	Client P.O.:	Date Completed: 05/30/08

WorkOrder: 0805312

May 30, 2008

Dear John:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#CA 1905-1; Oro Loma,**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

RUSH

080312

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

Report To: John Sutton	Bill To: Same
Company: Sutton Group	
3708 Mount Diablo Blvd. Suite 215	bloox@ceresassociates.com
Lafayette, CA 94549	E-Mail: suttongeo@sbcglobal.com
Tele: (925) 579-8518	Fax: ( )
Project #: CA 1905-1	Project Name: Oro Loma
Project Location: 2655 Grant Avenue, San Lorenzo	
Sampler Signature: Bonnie Loox	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)	MTBE / BTEX ONLY (EPA 602 / 8021)	TPH as Diesel / ~~Motor Oil (8015)~~	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	Tame, ethoe, dipe, TBA, edb, edc	SHC Pb added 5/14/08 Sandy	TCLP Pb added 5/21/08 5 day	Other	Comments
SB-11		5/5/08		1	Gl		X				X																						Filter Samples for Metals analysis: Yes / No
SB-12		5/5/08		1	Gl		X				X				X		X											X	X	X	⊗		
SB-13		5/5/08		1	Gl		X				X				X		X											X	X	X			

Relinquished By:	Date: 5/9/08	Time:	Received By: M-D Vall
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° N/g
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

COMMENTS: PLEASE HOLD SAMPLES
off hold 5/12/08 per email

PRESERVATION	VOAS	O&G	METALS	OTHER
			pH<2	

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA 1905-1; Oro Loma	Date Sampled: 05/05/08
		Date Received: 05/05/08
	Client Contact: John Sutton	Date Extracted: 05/27/08-05/28/08
	Client P.O.:	Date Analyzed 05/28/08

Lead by ICP*

Extraction method SW1311 Analytical methods SW6010C Work Order: 0805312

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS
0805312-002A	SB-12	S	TCLP	ND	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TCLP	0.2	mg/L

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL 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 surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW6010C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0805312

EPA Method SW6010C **Extraction SW1311** **BatchID: 35847** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	N/A	1	N/A	N/A	N/A	104	107	2.37	N/A	N/A	80 - 120	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35847 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805312-002A	05/05/08	05/27/08	05/28/08 3:30 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 ELAP Certification 1644

QA/QC Officer

ADOBE GEOTECH
GEOTECHNICAL AND ENVIRONMENTAL CONSULTING

May 6, 2008

Mr. John Sutton
The Sutton Group
3708 Mt. Diablo Blvd.
Lafayette, CA

Subject: **GEOLOGIC EVALUATION OF ONSITE GRAVEL FILL.**
Fuel Tank Remediation Project at the Oro Loma Sanitary District's offices
2655 Grant Avenue, San Lorenzo, CA

Mr. Sutton:

At your request and authorization Adobe Geotech has identified and evaluated the source of the relatively high levels of chromium found within the gravel fill material that was located beneath the parking lot at the District's offices. The project site is located at the western end of Grant Avenue, near the eastern margin of the Bay. The natural soil of the area consists of saturated Bay Mud, which is a soft, wet, clay soil. During initial construction, in the mid-1960's, a layer of fill approximately 2 feet thick was placed over the Bay Mud to raise and help stabilize the final ground surface. The parking lot pavement and the maintenance building were then placed on this fill surface.

We understand that an area of the parking lot measuring about 40 X 45 feet has been opened up to enable the removal of lower soil that contains hydrocarbons derived from a previously-removed 1000 gallon gasoline tank. A small portion of the fill was petroleum-contaminated, and will be removed from the site. The non-contaminated portion fill material has been stockpiled nearby, and will be re-used onsite. During the characterization of the fill, the analytical laboratory reported that the gravelly, sandy fill material contained chromium at a concentration of 72 PPM. Adobe Geotech was asked to examine a 20-pound bulk sample of the fill material, to evaluate the probable source of this fill, and to determine whether the chromium was present in the fill soil as a naturally occurring mineral, or whether it was instead present as a man-made contaminant.

Description and Source of the Fill

The fill soil is composed of medium to coarse sand which contains many small weathered gravel-sized fragments about 1 inch diameter, along with scattered rock fragments ranging up to nearly 6 inches in diameter. The sand and small fragments are weathered to a medium brown color. The larger fragments vary from a fine-grained dark blue-green rock with thin carbonate veins, to nearly white rock with many scattered dark minerals. The exterior surfaces of many of the large rock fragments are usually weathered to a brown color. Based on our geologic observations of the composition and character of the material, we conclude that the fill is composed predominantly of weathered to moderately fresh gabbro, a rock, derived from the San Leandro Gabbro body that underlies the hills immediately north of Castro Valley.

There were several minor quarry operations and large excavations which exposed gabbro bedrock in the San Leandro Hills during the mid 20th Century, during which time frame the site was developed. It is reasonable to assume that broken rocks and soil derived from one or more of these excavations would be made available as fill and trucked down to the District's project at that time. The blue color and fine to coarse-grained texture of the fresh rocks in the sample received are characteristic of gabbro, while rocks from other potential quarried rock sources, such as the Leona Quarry in south Oakland have distinctively different minerals, colors, compositions and textures.

Gabbro

Gabbro is a plutonic rock, formed when molten magma is trapped beneath the Earth's surface and cools into a crystalline mass. Rock in the San Leandro gabbro body ranges from hard, generally intact and slightly fractured, to internally sheared, highly weathered rock that disaggregates to a "sandy" consistency. Colors of intact gabbro grade from blue-gray to yellow-brown, while the weathered rock and the sandy soil derived from the parent rock ranged from medium brown to reddish-brown. Gabbro bedrock contains iron-rich minerals that affect the local magnetic field, and as a result, a prominent gravity and magnetic anomaly is associated with the San Leandro gabbro body (Ponce, Hildebrand and Jachens, 2002). Additionally, chromium-rich soils have been documented by the U.S. Fish and Wildlife Service (2002) in areas underlain by gabbro bedrock. Several rare endemic plants are found on these soils in the Pine Hill area of western El Dorado County.

Chemical Composition

Gabbro often contains valuable/recoverable amounts of chromium, nickel, cobalt, gold, silver, platinum, and copper sulfides. Deer, Howie, and Zussman, (1966) indicate that a major source of chromium is the mineral chromite, a complex oxide of chromium, iron and magnesium which occurs as small opaque crystals which are scattered throughout the rock. Chromium can also substitute for iron in several related amphibole and pyroxene minerals, which make up much of the bulk of gabbro rocks.

Whole-rock chemical analyses of several rock types located along the Hayward fault were published by Moore and Ponce, (2001), as a part of a larger study done to help characterize the shear wave velocity of rocks located along the fault. They analyzed two gabbro samples derived from rocks of the San Leandro Gabbro body. Chromium was found as a trace element (100 ppm) in amphibole rims in one sample of gabbro, while no chromium was found in any other rock sample.

We asked Mr. Tim Teague, of the Petrography Laboratory at U. C. Berkeley to prepare thin section specimens of the rock and soil, and to conduct a preliminary microscopic examination of the minerals in those sections. He concluded that the rock is composed of "mafic, fine to coarse intrusive and metamorphic rock, with some to much weathering." This is also consistent with a source in the San Leandro Gabbro Body.

Mr. Teague also performed preliminary chemical analyses on two polished rock samples obtained from the project site sample using X-ray fluorescence (XRF) techniques. He found chromium concentrations of 376 ppm in a fragment of intact fine-grained rock, and 104 ppm in weathered sandy "soil". No chromium was found in a third sample of moderately fresh rock. The data shows that there is some variation in chromium content in the rock, possibly depending on the local concentration of chromitegrains. .

Conclusions

Our review of the materials and our research confirms that chromium found in the gravel fill material is a natural constituent of the gabbro rock, which is native to the East Bay Hills in the near vicinity of the site, and which was quarried and/or otherwise excavated at about the time that the site was developed. We also conclude that the chromium was present as a rock constituent and did not result from exterior contamination.

It has been a pleasure working with you on this project. Please call if you have any questions.

Sincerely: **ADOBE GEOTECH**

Michael Carey
Engineering Geologist
CEG 1351

CERTIFIED ENGINEERING GEOLOGIST
MICHAEL C. CAREY
C.E.G. 1351
EXP: 10-31-08
STATE OF CALIFORNIA

REFERENCES

Deer, W. A., Howie, R. A., and Zussman, J., 1966, An Introduction to the Rock-Forming Minerals, John Wiley and Sons Inc., New York, 528 pp.

Graymer, R. W., 2000, Geologic map and digital database of the Oakland metropolitan area, Alameda and Contra Costa Counties, California, U. S. Geological Survey Miscellaneous Field Studies Map MF-2342, 29 pp., 1 sheet, scale 1:50,000.

Moore, D. E. and David A. Ponce, 2001; Petrography and Physical Properties of Selected Rock Types Associated with the Hayward Fault, U. S. Geological Survey Open-File Report 01-263

Ponce, D.A., Hildenbrand, T.G., and Jachens, R.C., 2003, Gravity and magnetic expression of the San Leandro gabbro with implications for the geometry and evolution of the Hayward fault zone, northern California: Bulletin of the Seismological Society of America, v. 93, no. 1, 11 p.

U.S. Fish and Wildlife Service. 2002. Recovery Plan for Gabbro Soil Plants of the Central Sierra Nevada Foothills. Portland, Oregon. xiii + 220 pp.

TABLE 1 X-ray fluorescence analysis of 3 samples,

Sample Name	V (ppm)	Cr (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)
GABBRO W/ VEINS	378	376	30	109	139
GABBRO SOIL in epoxy	164	104	20	14	43
BLUE GABBRO	387	nd	21	17	130

NOTE: Other minor trace metals were also detected, but are not shown on this table.

SOURCE:

Timothy Teague
Department of Earth
and Planetary Science,
University of California, Berkeley

APPENDIX C

Closure Sampling Analytical Results

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
	Client Contact: John Sutton	Date Reported: 05/12/08
	Client P.O.:	Date Completed: 05/12/08

WorkOrder: 0805244

May 12, 2008

Dear John:

Enclosed within are:

1) The results of the **9** analyzed samples from your project: **#CA-1905-1; Oro Loma, 2655 Grant**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0805244

RUSH

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ ☐ ☒ ☐ ☐
PUSH 24 HR 48 HR 72 HR 5 DAY
GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

Report To: John Sutton Bill To: Same
Company: Sutton Group
3708 Mount Diablo Blvd. Suite 215 bloox@ceresassociates.com
Lafayette, CA 94549 E-Mail: suttongeo@sbcglobal.com
Tele: (925) 579-8518 Fax: ( )
Project #: CA 1905-1 Project Name: Oro Loma
Project Location: 2655 Grant Avenue, San Lorenzo
Sampler Signature: Bonnie Loox

SAMPLE ID	LOCATION / Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)	MTBE / BTEX ONLY (EPA 602 / 8021)	TPH as Diesel / ~~Motor Oil~~ (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	TAME, ETBE, DIPE, TBA EDB + EDC
~~SB-11~~		~~5/8/08~~		1	gl	BL					X				X		X												
~~SB-12~~		~~5/8/08~~		1	gl	BL									X		X												
~~SB-13~~		~~5/8/08~~		1	gl	BL									X		X												
SB-14		5/8/08	1:05	1	gl		X								X		X												
SB-15		5/8/08	1:06	1	gl		X								X		X												
SB-16		5/8/08	1:07	1	gl		X								X		X												
SB-17		5/8/08	1:08	1	gl		X								X		X												
SB-18		5/8/08	1:09	1	gl		X								X		X												
CS-01	8' from N	5/8/08	2:02	2	gl				X						X		X												
CS-02	8' from W	5/8/08	2:05	2	gl				X						X		X												
CS-03	8' from E	5/8/08	4:40	2	gl				X						X		X												
CS-04	8' From S	5/8/08	4:45	2	gl				X		X				X		X												

Relinquished By:	Date:	Time:	Received By:
	5/8/08	18:05	
Relinquished By:	Date:	Time:	Received By:
	5/8/08	1922	

ICE/t° 3.0
GOOD CONDITION _____ gl = 40z glass jar
HEAD SPACE ABSENT _____
DECHLORINATED IN LAB _____

Other	Comments
	Filter Samples for Metals analysis: Yes / No

0805244

RUSH

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ PUSH ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAY
GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW)

Report To: John Sutton	Bill To: Same
Company: Sutton Group	
3708 Mount Diablo Blvd. Suite 215	bloox@ceresassociates.com
Lafayette, CA 94549	E-Mail: suttongeo@sbcglobal.com
Tele: (925) 579-8518	Fax: ( )
Project #: CA 1905-1	Project Name: Oro Loma
Project Location: 2655 Grant Avenue, San Lorenzo	
Sampler Signature: Bonnie Loox	

SAMPLE ID	LOCATION / Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
SB-11		5/8/08		1	gl	BL					X			
SB-12		5/8/08		1	gl	BL								
SB-13		5/8/08		1	gl	BL								
SB-14		5/8/08	1:05	1	gl		X							
SB-15		5/8/08	1:06	1	gl		X							
SB-16		5/8/08	1:07	1	gl		X							
SB-17		5/8/08	1:08	1	gl		X							
SB-18		5/8/08	1:09	1	gl		X							
CS-01	8' from N	5/8/08	2:00	2	gl				X					
CS-02	8' from W	5/8/08	2:05	2	gl				X					
CS-03	8' from E	5/8/08	4:40	2	gl				X					
CS-04	8' from S	5/8/08	4:45	2	gl				X		X			

Relinquished By:	Date:	Time:	Received By:
	5/8/08	18:05	
Relinquished By:	Date:	Time:	Received By:
	5/8/08	1922	

ICE/t° 3.0
GOOD CONDITION _____ gl = 4oz glass jar
HEAD SPACE ABSENT _____
DECHLORINATED IN LAB _____

Analysis Request

MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)	MTBE / BTEX ONLY (EPA 602 / 8021)	TPH as Diesel / ~~Motor Oil~~ (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs) added 5/9/08 48hr	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020) added 5/9/08 per email 48hr	TAME, ETBE, DIPE, TBA, EDB + EDC Full 8260 list added 5/9/08 48hr	Other	Comments
X		X												X	Perma	Filter Samples for Metals analysis: Yes / No
X		X												X		
X		X												X		
X		X									X		X	X		
X		X									X		X	X		
X		X									X		X	X		
X		X									X		X	X		
X		X									X		X	X		
X		X									X		X	X		
X		X									X		X	X		
X		X									X		X	X		
X		X									X		X	X		

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0805244 **ClientCode: TSG**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
John Sutton
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549

(925) 944-2856 FAX: 925-284-4189

Email: suttongeo@sbcglobal.net
cc:
PO:
ProjectNo: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo

Bill to:
Accounts Payable
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549

Requested TAT: 2 days

Date Received: **05/08/2008**
Date Printed: **05/13/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0805244-001	SB-14	Soil	5/8/2008 13:05	☐		A		A		A		A		A		
0805244-002	SB-15	Soil	5/8/2008 13:06	☐		A		A		A		A		A		
0805244-003	SB-16	Soil	5/8/2008 13:07	☐	A		A		A		A		A			
0805244-004	SB-17	Soil	5/8/2008 13:08	☐		A		A		A		A		A		
0805244-005	SB-18	Soil	5/8/2008 13:09	☐		A		A		A		A		A		
0805244-006	CS-01	Soil	5/8/2008 14:00	☐		A		A		A		A		A		
0805244-007	CS-02	Soil	5/8/2008 14:05	☐		A		A		A		A		A		
0805244-008	CS-03	Soil	5/8/2008 16:40	☐		A		A		A		A		A		
0805244-009	CS-04	Soil	5/8/2008 16:45	☐		A		A		A		A		A		

Test Legend:

1	8260B_S	2	8260B_Sludge	3	8270D_S	4	8270D_Sludge	5	CAM17MS_S
6	CAM17MS_Sludge	7	G-MBTEX_S	8	G-MBTEX_Sludge	9	TPH(D)_S	10	TPH(D)_Sludge
11		12							

Prepared by: Ana Venegas

Comments: 48hr rush/ Full 8260, 8270, and CAM17 added 5/9/08 per email 48hr rush

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **The Sutton Group**
Date and Time Received: **05/08/08 9:26:37 PM**

Project Name: **#CA-1905-1; Oro Loma, 2655 Grant Ave, San Lore**
Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **0805244** Matrix Soil
Carrier: Michael Hernandez (MAI Courier)

Chain of Custody (COC) Information

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 ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 3.6°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 05/08/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/09/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0805244

Lab ID	0805244-001A
Client ID	SB-14
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<50	1000	0.05	tert-Amyl methyl ether (TAME)	ND<5.0	1000	0.005
Benzene	ND<5.0	1000	0.005	Bromobenzene	ND<5.0	1000	0.005
Bromochloromethane	ND<5.0	1000	0.005	Bromodichloromethane	ND<5.0	1000	0.005
Bromoform	ND<5.0	1000	0.005	Bromomethane	ND<5.0	1000	0.005
2-Butanone (MEK)	ND<20	1000	0.02	t-Butyl alcohol (TBA)	ND<50	1000	0.05
n-Butyl benzene	6.4	1000	0.005	sec-Butyl benzene	ND<5.0	1000	0.005
tert-Butyl benzene	ND<5.0	1000	0.005	Carbon Disulfide	ND<5.0	1000	0.005
Carbon Tetrachloride	ND<5.0	1000	0.005	Chlorobenzene	ND<5.0	1000	0.005
Chloroethane	ND<5.0	1000	0.005	Chloroform	ND<5.0	1000	0.005
Chloromethane	ND<5.0	1000	0.005	2-Chlorotoluene	ND<5.0	1000	0.005
4-Chlorotoluene	ND<5.0	1000	0.005	Dibromochloromethane	ND<5.0	1000	0.005
1,2-Dibromo-3-chloropropane	ND<4.0	1000	0.004	1,2-Dibromoethane (EDB)	ND<4.0	1000	0.004
Dibromomethane	ND<5.0	1000	0.005	1,2-Dichlorobenzene	ND<5.0	1000	0.005
1,3-Dichlorobenzene	ND<5.0	1000	0.005	1,4-Dichlorobenzene	ND<5.0	1000	0.005
Dichlorodifluoromethane	ND<5.0	1000	0.005	1,1-Dichloroethane	ND<5.0	1000	0.005
1,2-Dichloroethane (1,2-DCA)	ND<4.0	1000	0.004	1,1-Dichloroethene	ND<5.0	1000	0.005
cis-1,2-Dichloroethene	ND<5.0	1000	0.005	trans-1,2-Dichloroethene	ND<5.0	1000	0.005
1,2-Dichloropropane	ND<5.0	1000	0.005	1,3-Dichloropropane	ND<5.0	1000	0.005
2,2-Dichloropropane	ND<5.0	1000	0.005	1,1-Dichloropropene	ND<5.0	1000	0.005
cis-1,3-Dichloropropene	ND<5.0	1000	0.005	trans-1,3-Dichloropropene	ND<5.0	1000	0.005
Diisopropyl ether (DIPE)	ND<5.0	1000	0.005	Ethylbenzene	18	1000	0.005
Ethyl tert-butyl ether (ETBE)	ND<5.0	1000	0.005	Freon 113	ND<100	1000	0.1
Hexachlorobutadiene	ND<5.0	1000	0.005	Hexachloroethane	ND<5.0	1000	0.005
2-Hexanone	ND<5.0	1000	0.005	Isopropylbenzene	ND<5.0	1000	0.005
4-Isopropyl toluene	ND<5.0	1000	0.005	Methyl-t-butyl ether (MTBE)	ND<5.0	1000	0.005
Methylene chloride	ND<5.0	1000	0.005	4-Methyl-2-pentanone (MIBK)	ND<5.0	1000	0.005
Naphthalene	10	1000	0.005	n-Propyl benzene	8.9	1000	0.005
Styrene	ND<5.0	1000	0.005	1,1,1,2-Tetrachloroethane	ND<5.0	1000	0.005
1,1,2,2-Tetrachloroethane	ND<5.0	1000	0.005	Tetrachloroethene	ND<5.0	1000	0.005
Toluene	9.7	1000	0.005	1,2,3-Trichlorobenzene	ND<5.0	1000	0.005
1,2,4-Trichlorobenzene	ND<5.0	1000	0.005	1,1,1-Trichloroethane	ND<5.0	1000	0.005
1,1,2-Trichloroethane	ND<5.0	1000	0.005	Trichloroethene	ND<5.0	1000	0.005
Trichlorofluoromethane	ND<5.0	1000	0.005	1,2,3-Trichloropropane	ND<5.0	1000	0.005
1,2,4-Trimethylbenzene	57	1000	0.005	1,3,5-Trimethylbenzene	16	1000	0.005
Vinyl Chloride	ND<5.0	1000	0.005	Xylenes	89	1000	0.005

Surrogate Recoveries (%)

%SS1:	100	%SS2:	98
%SS3:	98		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 05/08/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/10/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0805244

Lab ID	0805244-002A
Client ID	SB-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<5.0	100	0.05	tert-Amyl methyl ether (TAME)	ND<0.50	100	0.005
Benzene	ND<0.50	100	0.005	Bromobenzene	ND<0.50	100	0.005
Bromochloromethane	ND<0.50	100	0.005	Bromodichloromethane	ND<0.50	100	0.005
Bromoform	ND<0.50	100	0.005	Bromomethane	ND<0.50	100	0.005
2-Butanone (MEK)	ND<2.0	100	0.02	t-Butyl alcohol (TBA)	ND<5.0	100	0.05
n-Butyl benzene	ND<0.50	100	0.005	sec-Butyl benzene	0.61	100	0.005
tert-Butyl benzene	ND<0.50	100	0.005	Carbon Disulfide	ND<0.50	100	0.005
Carbon Tetrachloride	ND<0.50	100	0.005	Chlorobenzene	ND<0.50	100	0.005
Chloroethane	ND<0.50	100	0.005	Chloroform	ND<0.50	100	0.005
Chloromethane	ND<0.50	100	0.005	2-Chlorotoluene	ND<0.50	100	0.005
4-Chlorotoluene	ND<0.50	100	0.005	Dibromochloromethane	ND<0.50	100	0.005
1,2-Dibromo-3-chloropropane	ND<0.40	100	0.004	1,2-Dibromoethane (EDB)	ND<0.40	100	0.004
Dibromomethane	ND<0.50	100	0.005	1,2-Dichlorobenzene	ND<0.50	100	0.005
1,3-Dichlorobenzene	ND<0.50	100	0.005	1,4-Dichlorobenzene	ND<0.50	100	0.005
Dichlorodifluoromethane	ND<0.50	100	0.005	1,1-Dichloroethane	ND<0.50	100	0.005
1,2-Dichloroethane (1,2-DCA)	ND<0.40	100	0.004	1,1-Dichloroethene	ND<0.50	100	0.005
cis-1,2-Dichloroethene	ND<0.50	100	0.005	trans-1,2-Dichloroethene	ND<0.50	100	0.005
1,2-Dichloropropane	ND<0.50	100	0.005	1,3-Dichloropropane	ND<0.50	100	0.005
2,2-Dichloropropane	ND<0.50	100	0.005	1,1-Dichloropropene	ND<0.50	100	0.005
cis-1,3-Dichloropropene	ND<0.50	100	0.005	trans-1,3-Dichloropropene	ND<0.50	100	0.005
Diisopropyl ether (DIPE)	ND<0.50	100	0.005	Ethylbenzene	6.1	100	0.005
Ethyl tert-butyl ether (ETBE)	ND<0.50	100	0.005	Freon 113	ND<10	100	0.1
Hexachlorobutadiene	ND<0.50	100	0.005	Hexachloroethane	ND<0.50	100	0.005
2-Hexanone	ND<0.50	100	0.005	Isopropylbenzene	0.98	100	0.005
4-Isopropyl toluene	ND<0.50	100	0.005	Methyl-t-butyl ether (MTBE)	ND<0.50	100	0.005
Methylene chloride	ND<0.50	100	0.005	4-Methyl-2-pentanone (MIBK)	ND<0.50	100	0.005
Naphthalene	5.6	100	0.005	n-Propyl benzene	3.8	100	0.005
Styrene	ND<0.50	100	0.005	1,1,1,2-Tetrachloroethane	ND<0.50	100	0.005
1,1,2,2-Tetrachloroethane	ND<0.50	100	0.005	Tetrachloroethene	ND<0.50	100	0.005
Toluene	0.82	100	0.005	1,2,3-Trichlorobenzene	ND<0.50	100	0.005
1,2,4-Trichlorobenzene	ND<0.50	100	0.005	1,1,1-Trichloroethane	ND<0.50	100	0.005
1,1,2-Trichloroethane	ND<0.50	100	0.005	Trichloroethene	ND<0.50	100	0.005
Trichlorofluoromethane	ND<0.50	100	0.005	1,2,3-Trichloropropane	ND<0.50	100	0.005
1,2,4-Trimethylbenzene	19	100	0.005	1,3,5-Trimethylbenzene	5.0	100	0.005
Vinyl Chloride	ND<0.50	100	0.005	Xylenes	19	100	0.005

Surrogate Recoveries (%)

%SS1:	101	%SS2:	98
%SS3:	96		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 05/08/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/09/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0805244

Lab ID	0805244-003A
Client ID	SB-16
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<1.7	33	0.05	tert-Amyl methyl ether (TAME)	ND<0.17	33	0.005
Benzene	ND<0.17	33	0.005	Bromobenzene	ND<0.17	33	0.005
Bromochloromethane	ND<0.17	33	0.005	Bromodichloromethane	ND<0.17	33	0.005
Bromoform	ND<0.17	33	0.005	Bromomethane	ND<0.17	33	0.005
2-Butanone (MEK)	ND<0.67	33	0.02	t-Butyl alcohol (TBA)	ND<1.7	33	0.05
n-Butyl benzene	ND<0.17	33	0.005	sec-Butyl benzene	0.22	33	0.005
tert-Butyl benzene	ND<0.17	33	0.005	Carbon Disulfide	ND<0.17	33	0.005
Carbon Tetrachloride	ND<0.17	33	0.005	Chlorobenzene	ND<0.17	33	0.005
Chloroethane	ND<0.17	33	0.005	Chloroform	ND<0.17	33	0.005
Chloromethane	ND<0.17	33	0.005	2-Chlorotoluene	ND<0.17	33	0.005
4-Chlorotoluene	ND<0.17	33	0.005	Dibromochloromethane	ND<0.17	33	0.005
1,2-Dibromo-3-chloropropane	ND<0.13	33	0.004	1,2-Dibromoethane (EDB)	ND<0.13	33	0.004
Dibromomethane	ND<0.17	33	0.005	1,2-Dichlorobenzene	ND<0.17	33	0.005
1,3-Dichlorobenzene	ND<0.17	33	0.005	1,4-Dichlorobenzene	ND<0.17	33	0.005
Dichlorodifluoromethane	ND<0.17	33	0.005	1,1-Dichloroethane	ND<0.17	33	0.005
1,2-Dichloroethane (1,2-DCA)	ND<0.13	33	0.004	1,1-Dichloroethene	ND<0.17	33	0.005
cis-1,2-Dichloroethene	ND<0.17	33	0.005	trans-1,2-Dichloroethene	ND<0.17	33	0.005
1,2-Dichloropropane	ND<0.17	33	0.005	1,3-Dichloropropane	ND<0.17	33	0.005
2,2-Dichloropropane	ND<0.17	33	0.005	1,1-Dichloropropene	ND<0.17	33	0.005
cis-1,3-Dichloropropene	ND<0.17	33	0.005	trans-1,3-Dichloropropene	ND<0.17	33	0.005
Diisopropyl ether (DIPE)	ND<0.17	33	0.005	Ethylbenzene	2.3	33	0.005
Ethyl tert-butyl ether (ETBE)	ND<0.17	33	0.005	Freon 113	ND<3.3	33	0.1
Hexachlorobutadiene	ND<0.17	33	0.005	Hexachloroethane	ND<0.17	33	0.005
2-Hexanone	ND<0.17	33	0.005	Isopropylbenzene	0.33	33	0.005
4-Isopropyl toluene	ND<0.17	33	0.005	Methyl-t-butyl ether (MTBE)	ND<0.17	33	0.005
Methylene chloride	ND<0.17	33	0.005	4-Methyl-2-pentanone (MIBK)	ND<0.17	33	0.005
Naphthalene	1.7	33	0.005	n-Propyl benzene	1.4	33	0.005
Styrene	ND<0.17	33	0.005	1,1,1,2-Tetrachloroethane	ND<0.17	33	0.005
1,1,2,2-Tetrachloroethane	ND<0.17	33	0.005	Tetrachloroethene	ND<0.17	33	0.005
Toluene	ND<0.17	33	0.005	1,2,3-Trichlorobenzene	ND<0.17	33	0.005
1,2,4-Trichlorobenzene	ND<0.17	33	0.005	1,1,1-Trichloroethane	ND<0.17	33	0.005
1,1,2-Trichloroethane	ND<0.17	33	0.005	Trichloroethene	ND<0.17	33	0.005
Trichlorofluoromethane	ND<0.17	33	0.005	1,2,3-Trichloropropane	ND<0.17	33	0.005
1,2,4-Trimethylbenzene	7.4	33	0.005	1,3,5-Trimethylbenzene	1.7	33	0.005
Vinyl Chloride	ND<0.17	33	0.005	Xylenes	4.7	33	0.005

Surrogate Recoveries (%)

%SS1:	98	%SS2:	98
%SS3:	102		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 05/08/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/10/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0805244

Lab ID	0805244-004A
Client ID	SB-17
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<50	1000	0.05	tert-Amyl methyl ether (TAME)	ND<5.0	1000	0.005
Benzene	7.5	1000	0.005	Bromobenzene	ND<5.0	1000	0.005
Bromochloromethane	ND<5.0	1000	0.005	Bromodichloromethane	ND<5.0	1000	0.005
Bromoform	ND<5.0	1000	0.005	Bromomethane	ND<5.0	1000	0.005
2-Butanone (MEK)	ND<20	1000	0.02	t-Butyl alcohol (TBA)	ND<50	1000	0.05
n-Butyl benzene	ND<5.0	1000	0.005	sec-Butyl benzene	ND<5.0	1000	0.005
tert-Butyl benzene	ND<5.0	1000	0.005	Carbon Disulfide	ND<5.0	1000	0.005
Carbon Tetrachloride	ND<5.0	1000	0.005	Chlorobenzene	ND<5.0	1000	0.005
Chloroethane	ND<5.0	1000	0.005	Chloroform	ND<5.0	1000	0.005
Chloromethane	ND<5.0	1000	0.005	2-Chlorotoluene	ND<5.0	1000	0.005
4-Chlorotoluene	ND<5.0	1000	0.005	Dibromochloromethane	ND<5.0	1000	0.005
1,2-Dibromo-3-chloropropane	ND<4.0	1000	0.004	1,2-Dibromoethane (EDB)	ND<4.0	1000	0.004
Dibromomethane	ND<5.0	1000	0.005	1,2-Dichlorobenzene	ND<5.0	1000	0.005
1,3-Dichlorobenzene	ND<5.0	1000	0.005	1,4-Dichlorobenzene	ND<5.0	1000	0.005
Dichlorodifluoromethane	ND<5.0	1000	0.005	1,1-Dichloroethane	ND<5.0	1000	0.005
1,2-Dichloroethane (1,2-DCA)	ND<4.0	1000	0.004	1,1-Dichloroethene	ND<5.0	1000	0.005
cis-1,2-Dichloroethene	ND<5.0	1000	0.005	trans-1,2-Dichloroethene	ND<5.0	1000	0.005
1,2-Dichloropropane	ND<5.0	1000	0.005	1,3-Dichloropropane	ND<5.0	1000	0.005
2,2-Dichloropropane	ND<5.0	1000	0.005	1,1-Dichloropropene	ND<5.0	1000	0.005
cis-1,3-Dichloropropene	ND<5.0	1000	0.005	trans-1,3-Dichloropropene	ND<5.0	1000	0.005
Diisopropyl ether (DIPE)	ND<5.0	1000	0.005	Ethylbenzene	39	1000	0.005
Ethyl tert-butyl ether (ETBE)	ND<5.0	1000	0.005	Freon 113	ND<100	1000	0.1
Hexachlorobutadiene	ND<5.0	1000	0.005	Hexachloroethane	ND<5.0	1000	0.005
2-Hexanone	ND<5.0	1000	0.005	Isopropylbenzene	ND<5.0	1000	0.005
4-Isopropyl toluene	ND<5.0	1000	0.005	Methyl-t-butyl ether (MTBE)	ND<5.0	1000	0.005
Methylene chloride	ND<5.0	1000	0.005	4-Methyl-2-pentanone (MIBK)	ND<5.0	1000	0.005
Naphthalene	11	1000	0.005	n-Propyl benzene	12	1000	0.005
Styrene	ND<5.0	1000	0.005	1,1,1,2-Tetrachloroethane	ND<5.0	1000	0.005
1,1,2,2-Tetrachloroethane	ND<5.0	1000	0.005	Tetrachloroethene	ND<5.0	1000	0.005
Toluene	5.1	1000	0.005	1,2,3-Trichlorobenzene	ND<5.0	1000	0.005
1,2,4-Trichlorobenzene	ND<5.0	1000	0.005	1,1,1-Trichloroethane	ND<5.0	1000	0.005
1,1,2-Trichloroethane	ND<5.0	1000	0.005	Trichloroethene	ND<5.0	1000	0.005
Trichlorofluoromethane	ND<5.0	1000	0.005	1,2,3-Trichloropropane	ND<5.0	1000	0.005
1,2,4-Trimethylbenzene	77	1000	0.005	1,3,5-Trimethylbenzene	23	1000	0.005
Vinyl Chloride	ND<5.0	1000	0.005	Xylenes	150	1000	0.005

Surrogate Recoveries (%)

%SS1:	100	%SS2:	99
%SS3:	99		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 05/08/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/10/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0805244

Lab ID	0805244-005A
Client ID	SB-18
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<10	200	0.05	tert-Amyl methyl ether (TAME)	ND<1.0	200	0.005
Benzene	ND<1.0	200	0.005	Bromobenzene	ND<1.0	200	0.005
Bromochloromethane	ND<1.0	200	0.005	Bromodichloromethane	ND<1.0	200	0.005
Bromoform	ND<1.0	200	0.005	Bromomethane	ND<1.0	200	0.005
2-Butanone (MEK)	ND<4.0	200	0.02	t-Butyl alcohol (TBA)	ND<10	200	0.05
n-Butyl benzene	ND<1.0	200	0.005	sec-Butyl benzene	ND<1.0	200	0.005
tert-Butyl benzene	ND<1.0	200	0.005	Carbon Disulfide	ND<1.0	200	0.005
Carbon Tetrachloride	ND<1.0	200	0.005	Chlorobenzene	ND<1.0	200	0.005
Chloroethane	ND<1.0	200	0.005	Chloroform	ND<1.0	200	0.005
Chloromethane	ND<1.0	200	0.005	2-Chlorotoluene	ND<1.0	200	0.005
4-Chlorotoluene	ND<1.0	200	0.005	Dibromochloromethane	ND<1.0	200	0.005
1,2-Dibromo-3-chloropropane	ND<0.80	200	0.004	1,2-Dibromoethane (EDB)	ND<0.80	200	0.004
Dibromomethane	ND<1.0	200	0.005	1,2-Dichlorobenzene	ND<1.0	200	0.005
1,3-Dichlorobenzene	ND<1.0	200	0.005	1,4-Dichlorobenzene	ND<1.0	200	0.005
Dichlorodifluoromethane	ND<1.0	200	0.005	1,1-Dichloroethane	ND<1.0	200	0.005
1,2-Dichloroethane (1,2-DCA)	ND<0.80	200	0.004	1,1-Dichloroethene	ND<1.0	200	0.005
cis-1,2-Dichloroethene	ND<1.0	200	0.005	trans-1,2-Dichloroethene	ND<1.0	200	0.005
1,2-Dichloropropane	ND<1.0	200	0.005	1,3-Dichloropropane	ND<1.0	200	0.005
2,2-Dichloropropane	ND<1.0	200	0.005	1,1-Dichloropropene	ND<1.0	200	0.005
cis-1,3-Dichloropropene	ND<1.0	200	0.005	trans-1,3-Dichloropropene	ND<1.0	200	0.005
Diisopropyl ether (DIPE)	ND<1.0	200	0.005	Ethylbenzene	12	200	0.005
Ethyl tert-butyl ether (ETBE)	ND<1.0	200	0.005	Freon 113	ND<20	200	0.1
Hexachlorobutadiene	ND<1.0	200	0.005	Hexachloroethane	ND<1.0	200	0.005
2-Hexanone	ND<1.0	200	0.005	Isopropylbenzene	1.6	200	0.005
4-Isopropyl toluene	ND<1.0	200	0.005	Methyl-t-butyl ether (MTBE)	ND<1.0	200	0.005
Methylene chloride	ND<1.0	200	0.005	4-Methyl-2-pentanone (MIBK)	ND<1.0	200	0.005
Naphthalene	7.9	200	0.005	n-Propyl benzene	6.2	200	0.005
Styrene	ND<1.0	200	0.005	1,1,1,2-Tetrachloroethane	ND<1.0	200	0.005
1,1,2,2-Tetrachloroethane	ND<1.0	200	0.005	Tetrachloroethene	ND<1.0	200	0.005
Toluene	18	200	0.005	1,2,3-Trichlorobenzene	ND<1.0	200	0.005
1,2,4-Trichlorobenzene	ND<1.0	200	0.005	1,1,1-Trichloroethane	ND<1.0	200	0.005
1,1,2-Trichloroethane	ND<1.0	200	0.005	Trichloroethene	ND<1.0	200	0.005
Trichlorofluoromethane	ND<1.0	200	0.005	1,2,3-Trichloropropane	ND<1.0	200	0.005
1,2,4-Trimethylbenzene	47	200	0.005	1,3,5-Trimethylbenzene	12	200	0.005
Vinyl Chloride	ND<1.0	200	0.005	Xylenes	64	200	0.005

Surrogate Recoveries (%)

%SS1:	100	%SS2:	99
%SS3:	98		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 05/08/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/10/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0805244

Lab ID	0805244-006A
Client ID	CS-01
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<100	2000	0.05	tert-Amyl methyl ether (TAME)	ND<10	2000	0.005
Benzene	ND<10	2000	0.005	Bromobenzene	ND<10	2000	0.005
Bromochloromethane	ND<10	2000	0.005	Bromodichloromethane	ND<10	2000	0.005
Bromoform	ND<10	2000	0.005	Bromomethane	ND<10	2000	0.005
2-Butanone (MEK)	ND<40	2000	0.02	t-Butyl alcohol (TBA)	ND<100	2000	0.05
n-Butyl benzene	ND<10	2000	0.005	sec-Butyl benzene	ND<10	2000	0.005
tert-Butyl benzene	ND<10	2000	0.005	Carbon Disulfide	ND<10	2000	0.005
Carbon Tetrachloride	ND<10	2000	0.005	Chlorobenzene	ND<10	2000	0.005
Chloroethane	ND<10	2000	0.005	Chloroform	ND<10	2000	0.005
Chloromethane	ND<10	2000	0.005	2-Chlorotoluene	ND<10	2000	0.005
4-Chlorotoluene	ND<10	2000	0.005	Dibromochloromethane	ND<10	2000	0.005
1,2-Dibromo-3-chloropropane	ND<8.0	2000	0.004	1,2-Dibromoethane (EDB)	ND<8.0	2000	0.004
Dibromomethane	ND<10	2000	0.005	1,2-Dichlorobenzene	ND<10	2000	0.005
1,3-Dichlorobenzene	ND<10	2000	0.005	1,4-Dichlorobenzene	ND<10	2000	0.005
Dichlorodifluoromethane	ND<10	2000	0.005	1,1-Dichloroethane	ND<10	2000	0.005
1,2-Dichloroethane (1,2-DCA)	ND<8.0	2000	0.004	1,1-Dichloroethene	ND<10	2000	0.005
cis-1,2-Dichloroethene	ND<10	2000	0.005	trans-1,2-Dichloroethene	ND<10	2000	0.005
1,2-Dichloropropane	ND<10	2000	0.005	1,3-Dichloropropane	ND<10	2000	0.005
2,2-Dichloropropane	ND<10	2000	0.005	1,1-Dichloropropene	ND<10	2000	0.005
cis-1,3-Dichloropropene	ND<10	2000	0.005	trans-1,3-Dichloropropene	ND<10	2000	0.005
Diisopropyl ether (DIPE)	ND<10	2000	0.005	Ethylbenzene	50	2000	0.005
Ethyl tert-butyl ether (ETBE)	ND<10	2000	0.005	Freon 113	ND<200	2000	0.1
Hexachlorobutadiene	ND<10	2000	0.005	Hexachloroethane	ND<10	2000	0.005
2-Hexanone	ND<10	2000	0.005	Isopropylbenzene	ND<10	2000	0.005
4-Isopropyl toluene	ND<10	2000	0.005	Methyl-t-butyl ether (MTBE)	ND<10	2000	0.005
Methylene chloride	ND<10	2000	0.005	4-Methyl-2-pentanone (MIBK)	ND<10	2000	0.005
Naphthalene	26	2000	0.005	n-Propyl benzene	28	2000	0.005
Styrene	ND<10	2000	0.005	1,1,1,2-Tetrachloroethane	ND<10	2000	0.005
1,1,2,2-Tetrachloroethane	ND<10	2000	0.005	Tetrachloroethene	ND<10	2000	0.005
Toluene	ND<10	2000	0.005	1,2,3-Trichlorobenzene	ND<10	2000	0.005
1,2,4-Trichlorobenzene	ND<10	2000	0.005	1,1,1-Trichloroethane	ND<10	2000	0.005
1,1,2-Trichloroethane	ND<10	2000	0.005	Trichloroethene	ND<10	2000	0.005
Trichlorofluoromethane	ND<10	2000	0.005	1,2,3-Trichloropropane	ND<10	2000	0.005
1,2,4-Trimethylbenzene	170	2000	0.005	1,3,5-Trimethylbenzene	45	2000	0.005
Vinyl Chloride	ND<10	2000	0.005	Xylenes	130	2000	0.005

Surrogate Recoveries (%)

%SS1:	102	%SS2:	98
%SS3:	100		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215		Date Received: 05/08/08
	Client Contact: John Sutton	Date Extracted: 05/08/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/10/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0805244

Lab ID	0805244-007A
Client ID	CS-02
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<10	200	0.05	tert-Amyl methyl ether (TAME)	ND<1.0	200	0.005
Benzene	2.7	200	0.005	Bromobenzene	ND<1.0	200	0.005
Bromochloromethane	ND<1.0	200	0.005	Bromodichloromethane	ND<1.0	200	0.005
Bromoform	ND<1.0	200	0.005	Bromomethane	ND<1.0	200	0.005
2-Butanone (MEK)	ND<4.0	200	0.02	t-Butyl alcohol (TBA)	ND<10	200	0.05
n-Butyl benzene	ND<1.0	200	0.005	sec-Butyl benzene	ND<1.0	200	0.005
tert-Butyl benzene	ND<1.0	200	0.005	Carbon Disulfide	ND<1.0	200	0.005
Carbon Tetrachloride	ND<1.0	200	0.005	Chlorobenzene	ND<1.0	200	0.005
Chloroethane	ND<1.0	200	0.005	Chloroform	ND<1.0	200	0.005
Chloromethane	ND<1.0	200	0.005	2-Chlorotoluene	ND<1.0	200	0.005
4-Chlorotoluene	ND<1.0	200	0.005	Dibromochloromethane	ND<1.0	200	0.005
1,2-Dibromo-3-chloropropane	ND<0.80	200	0.004	1,2-Dibromoethane (EDB)	ND<0.80	200	0.004
Dibromomethane	ND<1.0	200	0.005	1,2-Dichlorobenzene	ND<1.0	200	0.005
1,3-Dichlorobenzene	ND<1.0	200	0.005	1,4-Dichlorobenzene	ND<1.0	200	0.005
Dichlorodifluoromethane	ND<1.0	200	0.005	1,1-Dichloroethane	ND<1.0	200	0.005
1,2-Dichloroethane (1,2-DCA)	ND<0.80	200	0.004	1,1-Dichloroethene	ND<1.0	200	0.005
cis-1,2-Dichloroethene	ND<1.0	200	0.005	trans-1,2-Dichloroethene	ND<1.0	200	0.005
1,2-Dichloropropane	ND<1.0	200	0.005	1,3-Dichloropropane	ND<1.0	200	0.005
2,2-Dichloropropane	ND<1.0	200	0.005	1,1-Dichloropropene	ND<1.0	200	0.005
cis-1,3-Dichloropropene	ND<1.0	200	0.005	trans-1,3-Dichloropropene	ND<1.0	200	0.005
Diisopropyl ether (DIPE)	ND<1.0	200	0.005	Ethylbenzene	14	200	0.005
Ethyl tert-butyl ether (ETBE)	ND<1.0	200	0.005	Freon 113	ND<20	200	0.1
Hexachlorobutadiene	ND<1.0	200	0.005	Hexachloroethane	ND<1.0	200	0.005
2-Hexanone	ND<1.0	200	0.005	Isopropylbenzene	1.3	200	0.005
4-Isopropyl toluene	ND<1.0	200	0.005	Methyl-t-butyl ether (MTBE)	ND<1.0	200	0.005
Methylene chloride	ND<1.0	200	0.005	4-Methyl-2-pentanone (MIBK)	ND<1.0	200	0.005
Naphthalene	4.6	200	0.005	n-Propyl benzene	4.6	200	0.005
Styrene	ND<1.0	200	0.005	1,1,1,2-Tetrachloroethane	ND<1.0	200	0.005
1,1,2,2-Tetrachloroethane	ND<1.0	200	0.005	Tetrachloroethene	ND<1.0	200	0.005
Toluene	1.5	200	0.005	1,2,3-Trichlorobenzene	ND<1.0	200	0.005
1,2,4-Trichlorobenzene	ND<1.0	200	0.005	1,1,1-Trichloroethane	ND<1.0	200	0.005
1,1,2-Trichloroethane	ND<1.0	200	0.005	Trichloroethene	ND<1.0	200	0.005
Trichlorofluoromethane	ND<1.0	200	0.005	1,2,3-Trichloropropane	ND<1.0	200	0.005
1,2,4-Trimethylbenzene	29	200	0.005	1,3,5-Trimethylbenzene	8.0	200	0.005
Vinyl Chloride	ND<1.0	200	0.005	Xylenes	56	200	0.005

Surrogate Recoveries (%)

%SS1:	99	%SS2:	100
%SS3:	99		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 05/08/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/10/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0805244

Lab ID	0805244-008A
Client ID	CS-03
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<5.0	100	0.05	tert-Amyl methyl ether (TAME)	ND<0.50	100	0.005
Benzene	5.6	100	0.005	Bromobenzene	ND<0.50	100	0.005
Bromochloromethane	ND<0.50	100	0.005	Bromodichloromethane	ND<0.50	100	0.005
Bromoform	ND<0.50	100	0.005	Bromomethane	ND<0.50	100	0.005
2-Butanone (MEK)	ND<2.0	100	0.02	t-Butyl alcohol (TBA)	ND<5.0	100	0.05
n-Butyl benzene	ND<0.50	100	0.005	sec-Butyl benzene	ND<0.50	100	0.005
tert-Butyl benzene	ND<0.50	100	0.005	Carbon Disulfide	ND<0.50	100	0.005
Carbon Tetrachloride	ND<0.50	100	0.005	Chlorobenzene	ND<0.50	100	0.005
Chloroethane	ND<0.50	100	0.005	Chloroform	ND<0.50	100	0.005
Chloromethane	ND<0.50	100	0.005	2-Chlorotoluene	ND<0.50	100	0.005
4-Chlorotoluene	ND<0.50	100	0.005	Dibromochloromethane	ND<0.50	100	0.005
1,2-Dibromo-3-chloropropane	ND<0.40	100	0.004	1,2-Dibromoethane (EDB)	ND<0.40	100	0.004
Dibromomethane	ND<0.50	100	0.005	1,2-Dichlorobenzene	ND<0.50	100	0.005
1,3-Dichlorobenzene	ND<0.50	100	0.005	1,4-Dichlorobenzene	ND<0.50	100	0.005
Dichlorodifluoromethane	ND<0.50	100	0.005	1,1-Dichloroethane	ND<0.50	100	0.005
1,2-Dichloroethane (1,2-DCA)	ND<0.40	100	0.004	1,1-Dichloroethene	ND<0.50	100	0.005
cis-1,2-Dichloroethene	ND<0.50	100	0.005	trans-1,2-Dichloroethene	ND<0.50	100	0.005
1,2-Dichloropropane	ND<0.50	100	0.005	1,3-Dichloropropane	ND<0.50	100	0.005
2,2-Dichloropropane	ND<0.50	100	0.005	1,1-Dichloropropene	ND<0.50	100	0.005
cis-1,3-Dichloropropene	ND<0.50	100	0.005	trans-1,3-Dichloropropene	ND<0.50	100	0.005
Diisopropyl ether (DIPE)	ND<0.50	100	0.005	Ethylbenzene	6.0	100	0.005
Ethyl tert-butyl ether (ETBE)	ND<0.50	100	0.005	Freon 113	ND<10	100	0.1
Hexachlorobutadiene	ND<0.50	100	0.005	Hexachloroethane	ND<0.50	100	0.005
2-Hexanone	ND<0.50	100	0.005	Isopropylbenzene	0.52	100	0.005
4-Isopropyl toluene	ND<0.50	100	0.005	Methyl-t-butyl ether (MTBE)	ND<0.50	100	0.005
Methylene chloride	ND<0.50	100	0.005	4-Methyl-2-pentanone (MIBK)	ND<0.50	100	0.005
Naphthalene	2.6	100	0.005	n-Propyl benzene	1.9	100	0.005
Styrene	ND<0.50	100	0.005	1,1,1,2-Tetrachloroethane	ND<0.50	100	0.005
1,1,2,2-Tetrachloroethane	ND<0.50	100	0.005	Tetrachloroethene	ND<0.50	100	0.005
Toluene	6.7	100	0.005	1,2,3-Trichlorobenzene	ND<0.50	100	0.005
1,2,4-Trichlorobenzene	ND<0.50	100	0.005	1,1,1-Trichloroethane	ND<0.50	100	0.005
1,1,2-Trichloroethane	ND<0.50	100	0.005	Trichloroethene	ND<0.50	100	0.005
Trichlorofluoromethane	ND<0.50	100	0.005	1,2,3-Trichloropropane	ND<0.50	100	0.005
1,2,4-Trimethylbenzene	13	100	0.005	1,3,5-Trimethylbenzene	2.6	100	0.005
Vinyl Chloride	ND<0.50	100	0.005	Xylenes	24	100	0.005

Surrogate Recoveries (%)

%SS1:	99	%SS2:	99
%SS3:	101		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 05/08/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/10/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0805244

Lab ID	0805244-009A
Client ID	CS-04
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<50	1000	0.05	tert-Amyl methyl ether (TAME)	ND<5.0	1000	0.005
Benzene	12	1000	0.005	Bromobenzene	ND<5.0	1000	0.005
Bromochloromethane	ND<5.0	1000	0.005	Bromodichloromethane	ND<5.0	1000	0.005
Bromoform	ND<5.0	1000	0.005	Bromomethane	ND<5.0	1000	0.005
2-Butanone (MEK)	ND<20	1000	0.02	t-Butyl alcohol (TBA)	ND<50	1000	0.05
n-Butyl benzene	ND<5.0	1000	0.005	sec-Butyl benzene	ND<5.0	1000	0.005
tert-Butyl benzene	ND<5.0	1000	0.005	Carbon Disulfide	ND<5.0	1000	0.005
Carbon Tetrachloride	ND<5.0	1000	0.005	Chlorobenzene	ND<5.0	1000	0.005
Chloroethane	ND<5.0	1000	0.005	Chloroform	ND<5.0	1000	0.005
Chloromethane	ND<5.0	1000	0.005	2-Chlorotoluene	ND<5.0	1000	0.005
4-Chlorotoluene	ND<5.0	1000	0.005	Dibromochloromethane	ND<5.0	1000	0.005
1,2-Dibromo-3-chloropropane	ND<4.0	1000	0.004	1,2-Dibromoethane (EDB)	ND<4.0	1000	0.004
Dibromomethane	ND<5.0	1000	0.005	1,2-Dichlorobenzene	ND<5.0	1000	0.005
1,3-Dichlorobenzene	ND<5.0	1000	0.005	1,4-Dichlorobenzene	ND<5.0	1000	0.005
Dichlorodifluoromethane	ND<5.0	1000	0.005	1,1-Dichloroethane	ND<5.0	1000	0.005
1,2-Dichloroethane (1,2-DCA)	ND<4.0	1000	0.004	1,1-Dichloroethene	ND<5.0	1000	0.005
cis-1,2-Dichloroethene	ND<5.0	1000	0.005	trans-1,2-Dichloroethene	ND<5.0	1000	0.005
1,2-Dichloropropane	ND<5.0	1000	0.005	1,3-Dichloropropane	ND<5.0	1000	0.005
2,2-Dichloropropane	ND<5.0	1000	0.005	1,1-Dichloropropene	ND<5.0	1000	0.005
cis-1,3-Dichloropropene	ND<5.0	1000	0.005	trans-1,3-Dichloropropene	ND<5.0	1000	0.005
Diisopropyl ether (DIPE)	ND<5.0	1000	0.005	Ethylbenzene	34	1000	0.005
Ethyl tert-butyl ether (ETBE)	ND<5.0	1000	0.005	Freon 113	ND<100	1000	0.1
Hexachlorobutadiene	ND<5.0	1000	0.005	Hexachloroethane	ND<5.0	1000	0.005
2-Hexanone	ND<5.0	1000	0.005	Isopropylbenzene	ND<5.0	1000	0.005
4-Isopropyl toluene	ND<5.0	1000	0.005	Methyl-t-butyl ether (MTBE)	ND<5.0	1000	0.005
Methylene chloride	ND<5.0	1000	0.005	4-Methyl-2-pentanone (MIBK)	ND<5.0	1000	0.005
Naphthalene	10	1000	0.005	n-Propyl benzene	12	1000	0.005
Styrene	ND<5.0	1000	0.005	1,1,1,2-Tetrachloroethane	ND<5.0	1000	0.005
1,1,2,2-Tetrachloroethane	ND<5.0	1000	0.005	Tetrachloroethene	ND<5.0	1000	0.005
Toluene	79	1000	0.005	1,2,3-Trichlorobenzene	ND<5.0	1000	0.005
1,2,4-Trichlorobenzene	ND<5.0	1000	0.005	1,1,1-Trichloroethane	ND<5.0	1000	0.005
1,1,2-Trichloroethane	ND<5.0	1000	0.005	Trichloroethene	ND<5.0	1000	0.005
Trichlorofluoromethane	ND<5.0	1000	0.005	1,2,3-Trichloropropane	ND<5.0	1000	0.005
1,2,4-Trimethylbenzene	76	1000	0.005	1,3,5-Trimethylbenzene	22	1000	0.005
Vinyl Chloride	ND<5.0	1000	0.005	Xylenes	170	1000	0.005

Surrogate Recoveries (%)

%SS1:	99	%SS2:	100
%SS3:	101		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 05/09/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/10/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0805244

Lab ID	0805244-001A
Client ID	SB-14
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<1.6	5.0	0.33	Acenaphthylene	ND<1.6	5.0	0.33
Acetochlor	ND<1.6	5.0	0.33	Anthracene	ND<1.6	5.0	0.33
Benzidine	ND<8.0	5.0	1.6	Benzoic Acid	ND<8.0	5.0	1.6
Benzo(a)anthracene	ND<1.6	5.0	0.33	Benzo(b)fluoranthene	ND<1.6	5.0	0.33
Benzo(k)fluoranthene	ND<1.6	5.0	0.33	Benzo(g,h,i)perylene	ND<1.6	5.0	0.33
Benzo(a)pyrene	ND<1.6	5.0	0.33	Benzyl Alcohol	ND<8.0	5.0	1.6
1,1-Biphenyl	ND<1.6	5.0	0.33	Bis (2-chloroethoxy) Methane	ND<1.6	5.0	0.33
Bis (2-chloroethyl) Ether	ND<1.6	5.0	0.33	Bis (2-chloroisopropyl) Ether	ND<1.6	5.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<1.6	5.0	0.33	4-Bromophenyl Phenyl Ether	ND<1.6	5.0	0.33
Butylbenzyl Phthalate	ND<1.6	5.0	0.33	4-Chloroaniline	ND<3.3	5.0	0.66
4-Chloro-3-methylphenol	ND<1.6	5.0	0.33	2-Chloronaphthalene	ND<1.6	5.0	0.33
2-Chlorophenol	ND<1.6	5.0	0.33	4-Chlorophenyl Phenyl Ether	ND<1.6	5.0	0.33
Chrysene	ND<1.6	5.0	0.33	Dibenzo(a,h)anthracene	ND<1.6	5.0	0.33
Dibenzofuran	ND<1.6	5.0	0.33	Di-n-butyl Phthalate	ND<1.6	5.0	0.33
1,2-Dichlorobenzene	ND<1.6	5.0	0.33	1,3-Dichlorobenzene	ND<1.6	5.0	0.33
1,4-Dichlorobenzene	ND<1.6	5.0	0.33	3,3-Dichlorobenzidine	ND<3.3	5.0	0.66
2,4-Dichlorophenol	ND<1.6	5.0	0.33	Diethyl Phthalate	ND<1.6	5.0	0.33
2,4-Dimethylphenol	ND<1.6	5.0	0.33	Dimethyl Phthalate	ND<1.6	5.0	0.33
4,6-Dinitro-2-methylphenol	ND<8.0	5.0	1.6	2,4-Dinitrophenol	ND<8.0	5.0	1.6
2,4-Dinitrotoluene	ND<1.6	5.0	0.33	2,6-Dinitrotoluene	ND<1.6	5.0	0.33
Di-n-octyl Phthalate	ND<1.6	5.0	0.33	1,2-Diphenylhydrazine	ND<1.6	5.0	0.33
Fluoranthene	ND<1.6	5.0	0.33	Fluorene	ND<1.6	5.0	0.33
Hexachlorobenzene	ND<1.6	5.0	0.33	Hexachlorobutadiene	ND<1.6	5.0	0.33
Hexachlorocyclopentadiene	ND<8.0	5.0	1.6	Hexachloroethane	ND<1.6	5.0	0.33
Indeno (1,2,3-cd) pyrene	ND<1.6	5.0	0.33	Isophorone	ND<1.6	5.0	0.33
2-Methylnaphthalene	6.3	5.0	0.33	2-Methylphenol (o-Cresol)	ND<1.6	5.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<1.6	5.0	0.33	Naphthalene	6.0	5.0	0.33
2-Nitroaniline	ND<8.0	5.0	1.6	3-Nitroaniline	ND<8.0	5.0	1.6
4-Nitroaniline	ND<8.0	5.0	1.6	Nitrobenzene	ND<1.6	5.0	0.33
2-Nitrophenol	ND<8.0	5.0	1.6	4-Nitrophenol	ND<8.0	5.0	1.6
N-Nitrosodiphenylamine	ND<1.6	5.0	0.33	N-Nitrosodi-n-propylamine	ND<1.6	5.0	0.33
Pentachlorophenol	ND<8.0	5.0	1.6	Phenanthrene	ND<1.6	5.0	0.33
Phenol	ND<1.6	5.0	0.33	Pyrene	ND<1.6	5.0	0.33
1,2,4-Trichlorobenzene	ND<1.6	5.0	0.33	2,4,5-Trichlorophenol	ND<1.6	5.0	0.33
2,4,6-Trichlorophenol	ND<1.6	5.0	0.33				

Surrogate Recoveries (%)

%SS1:	90	%SS2:	82
%SS3:	91	%SS4:	97
%SS5:	69	%SS6:	90

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215		Date Received: 05/08/08
	Client Contact: John Sutton	Date Extracted: 05/09/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/10/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0805244

Lab ID	0805244-002A
Client ID	SB-15
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<1.6	5.0	0.33	Acenaphthylene	ND<1.6	5.0	0.33
Acetochlor	ND<1.6	5.0	0.33	Anthracene	ND<1.6	5.0	0.33
Benzidine	ND<8.0	5.0	1.6	Benzoic Acid	ND<8.0	5.0	1.6
Benzo(a)anthracene	ND<1.6	5.0	0.33	Benzo(b)fluoranthene	ND<1.6	5.0	0.33
Benzo(k)fluoranthene	ND<1.6	5.0	0.33	Benzo(g,h,i)perylene	ND<1.6	5.0	0.33
Benzo(a)pyrene	ND<1.6	5.0	0.33	Benzyl Alcohol	ND<8.0	5.0	1.6
1,1-Biphenyl	ND<1.6	5.0	0.33	Bis (2-chloroethoxy) Methane	ND<1.6	5.0	0.33
Bis (2-chloroethyl) Ether	ND<1.6	5.0	0.33	Bis (2-chloroisopropyl) Ether	ND<1.6	5.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<1.6	5.0	0.33	4-Bromophenyl Phenyl Ether	ND<1.6	5.0	0.33
Butylbenzyl Phthalate	ND<1.6	5.0	0.33	4-Chloroaniline	ND<3.3	5.0	0.66
4-Chloro-3-methylphenol	ND<1.6	5.0	0.33	2-Chloronaphthalene	ND<1.6	5.0	0.33
2-Chlorophenol	ND<1.6	5.0	0.33	4-Chlorophenyl Phenyl Ether	ND<1.6	5.0	0.33
Chrysene	ND<1.6	5.0	0.33	Dibenzo(a,h)anthracene	ND<1.6	5.0	0.33
Dibenzofuran	ND<1.6	5.0	0.33	Di-n-butyl Phthalate	ND<1.6	5.0	0.33
1,2-Dichlorobenzene	ND<1.6	5.0	0.33	1,3-Dichlorobenzene	ND<1.6	5.0	0.33
1,4-Dichlorobenzene	ND<1.6	5.0	0.33	3,3-Dichlorobenzidine	ND<3.3	5.0	0.66
2,4-Dichlorophenol	ND<1.6	5.0	0.33	Diethyl Phthalate	ND<1.6	5.0	0.33
2,4-Dimethylphenol	ND<1.6	5.0	0.33	Dimethyl Phthalate	ND<1.6	5.0	0.33
4,6-Dinitro-2-methylphenol	ND<8.0	5.0	1.6	2,4-Dinitrophenol	ND<8.0	5.0	1.6
2,4-Dinitrotoluene	ND<1.6	5.0	0.33	2,6-Dinitrotoluene	ND<1.6	5.0	0.33
Di-n-octyl Phthalate	ND<1.6	5.0	0.33	1,2-Diphenylhydrazine	ND<1.6	5.0	0.33
Fluoranthene	ND<1.6	5.0	0.33	Fluorene	ND<1.6	5.0	0.33
Hexachlorobenzene	ND<1.6	5.0	0.33	Hexachlorobutadiene	ND<1.6	5.0	0.33
Hexachlorocyclopentadiene	ND<8.0	5.0	1.6	Hexachloroethane	ND<1.6	5.0	0.33
Indeno (1,2,3-cd) pyrene	ND<1.6	5.0	0.33	Isophorone	ND<1.6	5.0	0.33
2-Methylnaphthalene	6.2	5.0	0.33	2-Methylphenol (o-Cresol)	ND<1.6	5.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<1.6	5.0	0.33	Naphthalene	4.4	5.0	0.33
2-Nitroaniline	ND<8.0	5.0	1.6	3-Nitroaniline	ND<8.0	5.0	1.6
4-Nitroaniline	ND<8.0	5.0	1.6	Nitrobenzene	ND<1.6	5.0	0.33
2-Nitrophenol	ND<8.0	5.0	1.6	4-Nitrophenol	ND<8.0	5.0	1.6
N-Nitrosodiphenylamine	ND<1.6	5.0	0.33	N-Nitrosodi-n-propylamine	ND<1.6	5.0	0.33
Pentachlorophenol	ND<8.0	5.0	1.6	Phenanthrene	ND<1.6	5.0	0.33
Phenol	ND<1.6	5.0	0.33	Pyrene	ND<1.6	5.0	0.33
1,2,4-Trichlorobenzene	ND<1.6	5.0	0.33	2,4,5-Trichlorophenol	ND<1.6	5.0	0.33
2,4,6-Trichlorophenol	ND<1.6	5.0	0.33				

Surrogate Recoveries (%)

%SS1:	93	%SS2:	82
%SS3:	93	%SS4:	94
%SS5:	69	%SS6:	93

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 05/09/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/10/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0805244

Lab ID	0805244-003A
Client ID	SB-16
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<1.6	5.0	0.33	Acenaphthylene	ND<1.6	5.0	0.33
Acetochlor	ND<1.6	5.0	0.33	Anthracene	ND<1.6	5.0	0.33
Benzidine	ND<8.0	5.0	1.6	Benzoic Acid	ND<8.0	5.0	1.6
Benzo(a)anthracene	ND<1.6	5.0	0.33	Benzo(b)fluoranthene	ND<1.6	5.0	0.33
Benzo(k)fluoranthene	ND<1.6	5.0	0.33	Benzo(g,h,i)perylene	ND<1.6	5.0	0.33
Benzo(a)pyrene	ND<1.6	5.0	0.33	Benzyl Alcohol	ND<8.0	5.0	1.6
1,1-Biphenyl	ND<1.6	5.0	0.33	Bis (2-chloroethoxy) Methane	ND<1.6	5.0	0.33
Bis (2-chloroethyl) Ether	ND<1.6	5.0	0.33	Bis (2-chloroisopropyl) Ether	ND<1.6	5.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<1.6	5.0	0.33	4-Bromophenyl Phenyl Ether	ND<1.6	5.0	0.33
Butylbenzyl Phthalate	ND<1.6	5.0	0.33	4-Chloroaniline	ND<3.3	5.0	0.66
4-Chloro-3-methylphenol	ND<1.6	5.0	0.33	2-Chloronaphthalene	ND<1.6	5.0	0.33
2-Chlorophenol	ND<1.6	5.0	0.33	4-Chlorophenyl Phenyl Ether	ND<1.6	5.0	0.33
Chrysene	ND<1.6	5.0	0.33	Dibenzo(a,h)anthracene	ND<1.6	5.0	0.33
Dibenzofuran	ND<1.6	5.0	0.33	Di-n-butyl Phthalate	ND<1.6	5.0	0.33
1,2-Dichlorobenzene	ND<1.6	5.0	0.33	1,3-Dichlorobenzene	ND<1.6	5.0	0.33
1,4-Dichlorobenzene	ND<1.6	5.0	0.33	3,3-Dichlorobenzidine	ND<3.3	5.0	0.66
2,4-Dichlorophenol	ND<1.6	5.0	0.33	Diethyl Phthalate	ND<1.6	5.0	0.33
2,4-Dimethylphenol	ND<1.6	5.0	0.33	Dimethyl Phthalate	ND<1.6	5.0	0.33
4,6-Dinitro-2-methylphenol	ND<8.0	5.0	1.6	2,4-Dinitrophenol	ND<8.0	5.0	1.6
2,4-Dinitrotoluene	ND<1.6	5.0	0.33	2,6-Dinitrotoluene	ND<1.6	5.0	0.33
Di-n-octyl Phthalate	ND<1.6	5.0	0.33	1,2-Diphenylhydrazine	ND<1.6	5.0	0.33
Fluoranthene	ND<1.6	5.0	0.33	Fluorene	ND<1.6	5.0	0.33
Hexachlorobenzene	ND<1.6	5.0	0.33	Hexachlorobutadiene	ND<1.6	5.0	0.33
Hexachlorocyclopentadiene	ND<8.0	5.0	1.6	Hexachloroethane	ND<1.6	5.0	0.33
Indeno (1,2,3-cd) pyrene	ND<1.6	5.0	0.33	Isophorone	ND<1.6	5.0	0.33
2-Methylnaphthalene	3.4	5.0	0.33	2-Methylphenol (o-Cresol)	ND<1.6	5.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<1.6	5.0	0.33	Naphthalene	2.3	5.0	0.33
2-Nitroaniline	ND<8.0	5.0	1.6	3-Nitroaniline	ND<8.0	5.0	1.6
4-Nitroaniline	ND<8.0	5.0	1.6	Nitrobenzene	ND<1.6	5.0	0.33
2-Nitrophenol	ND<8.0	5.0	1.6	4-Nitrophenol	ND<8.0	5.0	1.6
N-Nitrosodiphenylamine	ND<1.6	5.0	0.33	N-Nitrosodi-n-propylamine	ND<1.6	5.0	0.33
Pentachlorophenol	ND<8.0	5.0	1.6	Phenanthrene	ND<1.6	5.0	0.33
Phenol	ND<1.6	5.0	0.33	Pyrene	ND<1.6	5.0	0.33
1,2,4-Trichlorobenzene	ND<1.6	5.0	0.33	2,4,5-Trichlorophenol	ND<1.6	5.0	0.33
2,4,6-Trichlorophenol	ND<1.6	5.0	0.33				

Surrogate Recoveries (%)

%SS1:	89	%SS2:	79
%SS3:	89	%SS4:	90
%SS5:	66	%SS6:	93

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 05/09/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/10/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0805244

Lab ID	0805244-004A
Client ID	SB-17
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<1.6	5.0	0.33	Acenaphthylene	ND<1.6	5.0	0.33
Acetochlor	ND<1.6	5.0	0.33	Anthracene	ND<1.6	5.0	0.33
Benzidine	ND<8.0	5.0	1.6	Benzoic Acid	ND<8.0	5.0	1.6
Benzo(a)anthracene	ND<1.6	5.0	0.33	Benzo(b)fluoranthene	ND<1.6	5.0	0.33
Benzo(k)fluoranthene	ND<1.6	5.0	0.33	Benzo(g,h,i)perylene	ND<1.6	5.0	0.33
Benzo(a)pyrene	ND<1.6	5.0	0.33	Benzyl Alcohol	ND<8.0	5.0	1.6
1,1-Biphenyl	ND<1.6	5.0	0.33	Bis (2-chloroethoxy) Methane	ND<1.6	5.0	0.33
Bis (2-chloroethyl) Ether	ND<1.6	5.0	0.33	Bis (2-chloroisopropyl) Ether	ND<1.6	5.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<1.6	5.0	0.33	4-Bromophenyl Phenyl Ether	ND<1.6	5.0	0.33
Butylbenzyl Phthalate	ND<1.6	5.0	0.33	4-Chloroaniline	ND<3.3	5.0	0.66
4-Chloro-3-methylphenol	ND<1.6	5.0	0.33	2-Chloronaphthalene	ND<1.6	5.0	0.33
2-Chlorophenol	ND<1.6	5.0	0.33	4-Chlorophenyl Phenyl Ether	ND<1.6	5.0	0.33
Chrysene	ND<1.6	5.0	0.33	Dibenzo(a,h)anthracene	ND<1.6	5.0	0.33
Dibenzofuran	ND<1.6	5.0	0.33	Di-n-butyl Phthalate	ND<1.6	5.0	0.33
1,2-Dichlorobenzene	ND<1.6	5.0	0.33	1,3-Dichlorobenzene	ND<1.6	5.0	0.33
1,4-Dichlorobenzene	ND<1.6	5.0	0.33	3,3-Dichlorobenzidine	ND<3.3	5.0	0.66
2,4-Dichlorophenol	ND<1.6	5.0	0.33	Diethyl Phthalate	ND<1.6	5.0	0.33
2,4-Dimethylphenol	ND<1.6	5.0	0.33	Dimethyl Phthalate	ND<1.6	5.0	0.33
4,6-Dinitro-2-methylphenol	ND<8.0	5.0	1.6	2,4-Dinitrophenol	ND<8.0	5.0	1.6
2,4-Dinitrotoluene	ND<1.6	5.0	0.33	2,6-Dinitrotoluene	ND<1.6	5.0	0.33
Di-n-octyl Phthalate	ND<1.6	5.0	0.33	1,2-Diphenylhydrazine	ND<1.6	5.0	0.33
Fluoranthene	ND<1.6	5.0	0.33	Fluorene	ND<1.6	5.0	0.33
Hexachlorobenzene	ND<1.6	5.0	0.33	Hexachlorobutadiene	ND<1.6	5.0	0.33
Hexachlorocyclopentadiene	ND<8.0	5.0	1.6	Hexachloroethane	ND<1.6	5.0	0.33
Indeno (1,2,3-cd) pyrene	ND<1.6	5.0	0.33	Isophorone	ND<1.6	5.0	0.33
2-Methylnaphthalene	7.9	5.0	0.33	2-Methylphenol (o-Cresol)	ND<1.6	5.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<1.6	5.0	0.33	Naphthalene	7.6	5.0	0.33
2-Nitroaniline	ND<8.0	5.0	1.6	3-Nitroaniline	ND<8.0	5.0	1.6
4-Nitroaniline	ND<8.0	5.0	1.6	Nitrobenzene	ND<1.6	5.0	0.33
2-Nitrophenol	ND<8.0	5.0	1.6	4-Nitrophenol	ND<8.0	5.0	1.6
N-Nitrosodiphenylamine	ND<1.6	5.0	0.33	N-Nitrosodi-n-propylamine	ND<1.6	5.0	0.33
Pentachlorophenol	ND<8.0	5.0	1.6	Phenanthrene	ND<1.6	5.0	0.33
Phenol	ND<1.6	5.0	0.33	Pyrene	ND<1.6	5.0	0.33
1,2,4-Trichlorobenzene	ND<1.6	5.0	0.33	2,4,5-Trichlorophenol	ND<1.6	5.0	0.33
2,4,6-Trichlorophenol	ND<1.6	5.0	0.33				

Surrogate Recoveries (%)

%SS1:	91	%SS2:	89
%SS3:	113	%SS4:	91
%SS5:	70	%SS6:	103

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 05/09/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/10/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0805244

Lab ID	0805244-005A
Client ID	SB-18
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<1.6	5.0	0.33	Acenaphthylene	ND<1.6	5.0	0.33
Acetochlor	ND<1.6	5.0	0.33	Anthracene	ND<1.6	5.0	0.33
Benzidine	ND<8.0	5.0	1.6	Benzoic Acid	ND<8.0	5.0	1.6
Benzo(a)anthracene	ND<1.6	5.0	0.33	Benzo(b)fluoranthene	ND<1.6	5.0	0.33
Benzo(k)fluoranthene	ND<1.6	5.0	0.33	Benzo(g,h,i)perylene	ND<1.6	5.0	0.33
Benzo(a)pyrene	ND<1.6	5.0	0.33	Benzyl Alcohol	ND<8.0	5.0	1.6
1,1-Biphenyl	ND<1.6	5.0	0.33	Bis (2-chloroethoxy) Methane	ND<1.6	5.0	0.33
Bis (2-chloroethyl) Ether	ND<1.6	5.0	0.33	Bis (2-chloroisopropyl) Ether	ND<1.6	5.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<1.6	5.0	0.33	4-Bromophenyl Phenyl Ether	ND<1.6	5.0	0.33
Butylbenzyl Phthalate	ND<1.6	5.0	0.33	4-Chloroaniline	ND<3.3	5.0	0.66
4-Chloro-3-methylphenol	ND<1.6	5.0	0.33	2-Chloronaphthalene	ND<1.6	5.0	0.33
2-Chlorophenol	ND<1.6	5.0	0.33	4-Chlorophenyl Phenyl Ether	ND<1.6	5.0	0.33
Chrysene	ND<1.6	5.0	0.33	Dibenzo(a,h)anthracene	ND<1.6	5.0	0.33
Dibenzofuran	ND<1.6	5.0	0.33	Di-n-butyl Phthalate	ND<1.6	5.0	0.33
1,2-Dichlorobenzene	ND<1.6	5.0	0.33	1,3-Dichlorobenzene	ND<1.6	5.0	0.33
1,4-Dichlorobenzene	ND<1.6	5.0	0.33	3,3-Dichlorobenzidine	ND<3.3	5.0	0.66
2,4-Dichlorophenol	ND<1.6	5.0	0.33	Diethyl Phthalate	ND<1.6	5.0	0.33
2,4-Dimethylphenol	ND<1.6	5.0	0.33	Dimethyl Phthalate	ND<1.6	5.0	0.33
4,6-Dinitro-2-methylphenol	ND<8.0	5.0	1.6	2,4-Dinitrophenol	ND<8.0	5.0	1.6
2,4-Dinitrotoluene	ND<1.6	5.0	0.33	2,6-Dinitrotoluene	ND<1.6	5.0	0.33
Di-n-octyl Phthalate	ND<1.6	5.0	0.33	1,2-Diphenylhydrazine	ND<1.6	5.0	0.33
Fluoranthene	ND<1.6	5.0	0.33	Fluorene	ND<1.6	5.0	0.33
Hexachlorobenzene	ND<1.6	5.0	0.33	Hexachlorobutadiene	ND<1.6	5.0	0.33
Hexachlorocyclopentadiene	ND<8.0	5.0	1.6	Hexachloroethane	ND<1.6	5.0	0.33
Indeno (1,2,3-cd) pyrene	ND<1.6	5.0	0.33	Isophorone	ND<1.6	5.0	0.33
2-Methylnaphthalene	6.4	5.0	0.33	2-Methylphenol (o-Cresol)	ND<1.6	5.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<1.6	5.0	0.33	Naphthalene	5.3	5.0	0.33
2-Nitroaniline	ND<8.0	5.0	1.6	3-Nitroaniline	ND<8.0	5.0	1.6
4-Nitroaniline	ND<8.0	5.0	1.6	Nitrobenzene	ND<1.6	5.0	0.33
2-Nitrophenol	ND<8.0	5.0	1.6	4-Nitrophenol	ND<8.0	5.0	1.6
N-Nitrosodiphenylamine	ND<1.6	5.0	0.33	N-Nitrosodi-n-propylamine	ND<1.6	5.0	0.33
Pentachlorophenol	ND<8.0	5.0	1.6	Phenanthrene	ND<1.6	5.0	0.33
Phenol	ND<1.6	5.0	0.33	Pyrene	ND<1.6	5.0	0.33
1,2,4-Trichlorobenzene	ND<1.6	5.0	0.33	2,4,5-Trichlorophenol	ND<1.6	5.0	0.33
2,4,6-Trichlorophenol	ND<1.6	5.0	0.33				

Surrogate Recoveries (%)

%SS1:	95	%SS2:	84
%SS3:	114	%SS4:	91
%SS5:	73	%SS6:	104

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 05/09/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/10/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0805244

Lab ID	0805244-006A
Client ID	CS-01
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<16	50	0.33	Acenaphthylene	ND<16	50	0.33
Acetochlor	ND<16	50	0.33	Anthracene	ND<16	50	0.33
Benzidine	ND<80	50	1.6	Benzoic Acid	ND<80	50	1.6
Benzo(a)anthracene	ND<16	50	0.33	Benzo(b)fluoranthene	ND<16	50	0.33
Benzo(k)fluoranthene	ND<16	50	0.33	Benzo(g,h,i)perylene	ND<16	50	0.33
Benzo(a)pyrene	ND<16	50	0.33	Benzyl Alcohol	ND<80	50	1.6
1,1-Biphenyl	ND<16	50	0.33	Bis (2-chloroethoxy) Methane	ND<16	50	0.33
Bis (2-chloroethyl) Ether	ND<16	50	0.33	Bis (2-chloroisopropyl) Ether	ND<16	50	0.33
Bis (2-ethylhexyl) Phthalate	ND<16	50	0.33	4-Bromophenyl Phenyl Ether	ND<16	50	0.33
Butylbenzyl Phthalate	ND<16	50	0.33	4-Chloroaniline	ND<33	50	0.66
4-Chloro-3-methylphenol	ND<16	50	0.33	2-Chloronaphthalene	ND<16	50	0.33
2-Chlorophenol	ND<16	50	0.33	4-Chlorophenyl Phenyl Ether	ND<16	50	0.33
Chrysene	ND<16	50	0.33	Dibenzo(a,h)anthracene	ND<16	50	0.33
Dibenzofuran	ND<16	50	0.33	Di-n-butyl Phthalate	ND<16	50	0.33
1,2-Dichlorobenzene	ND<16	50	0.33	1,3-Dichlorobenzene	ND<16	50	0.33
1,4-Dichlorobenzene	ND<16	50	0.33	3,3-Dichlorobenzidine	ND<33	50	0.66
2,4-Dichlorophenol	ND<16	50	0.33	Diethyl Phthalate	ND<16	50	0.33
2,4-Dimethylphenol	ND<16	50	0.33	Dimethyl Phthalate	ND<16	50	0.33
4,6-Dinitro-2-methylphenol	ND<80	50	1.6	2,4-Dinitrophenol	ND<80	50	1.6
2,4-Dinitrotoluene	ND<16	50	0.33	2,6-Dinitrotoluene	ND<16	50	0.33
Di-n-octyl Phthalate	ND<16	50	0.33	1,2-Diphenylhydrazine	ND<16	50	0.33
Fluoranthene	ND<16	50	0.33	Fluorene	ND<16	50	0.33
Hexachlorobenzene	ND<16	50	0.33	Hexachlorobutadiene	ND<16	50	0.33
Hexachlorocyclopentadiene	ND<80	50	1.6	Hexachloroethane	ND<16	50	0.33
Indeno (1,2,3-cd) pyrene	ND<16	50	0.33	Isophorone	ND<16	50	0.33
2-Methylnaphthalene	19	50	0.33	2-Methylphenol (o-Cresol)	ND<16	50	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<16	50	0.33	Naphthalene	22	50	0.33
2-Nitroaniline	ND<80	50	1.6	3-Nitroaniline	ND<80	50	1.6
4-Nitroaniline	ND<80	50	1.6	Nitrobenzene	ND<16	50	0.33
2-Nitrophenol	ND<80	50	1.6	4-Nitrophenol	ND<80	50	1.6
N-Nitrosodiphenylamine	ND<16	50	0.33	N-Nitrosodi-n-propylamine	ND<16	50	0.33
Pentachlorophenol	ND<80	50	1.6	Phenanthrene	ND<16	50	0.33
Phenol	ND<16	50	0.33	Pyrene	ND<16	50	0.33
1,2,4-Trichlorobenzene	ND<16	50	0.33	2,4,5-Trichlorophenol	ND<16	50	0.33
2,4,6-Trichlorophenol	ND<16	50	0.33				

Surrogate Recoveries (%)

%SS1:	96	%SS2:	61
%SS3:	88	%SS4:	98
%SS5:	---#	%SS6:	93

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 05/09/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/10/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0805244

Lab ID	0805244-007A
Client ID	CS-02
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	3.5	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	3.4	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	89	%SS2:	71
%SS3:	95	%SS4:	87
%SS5:	71	%SS6:	90

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215		Date Received: 05/08/08
	Client Contact: John Sutton	Date Extracted: 05/09/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/10/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0805244

Lab ID	0805244-008A
Client ID	CS-03
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	0.53	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	88	%SS2:	71
%SS3:	96	%SS4:	81
%SS5:	60	%SS6:	88

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215		Date Received: 05/08/08
	Client Contact: John Sutton	Date Extracted: 05/09/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/11/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0805244

Lab ID	0805244-009A
Client ID	CS-04
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	5.8	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	4.8	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	91	%SS2:	57
%SS3:	87	%SS4:	86
%SS5:	70	%SS6:	87

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted 05/09/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/09/08-05/10/08

CAM / CCR 17 Metals*

Lab ID	0805244-001A	0805244-002A	0805244-003A	0805244-004A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	SB-14	SB-15	SB-16	SB-17		
Matrix	S	S	S	S	S/Sludge	W
Extraction Type	TOTAL	TOTAL	TOTAL	TOTAL	mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B/SW3050B Work Order: 0805244

Dilution Factor	1	1	1	1	1	1
Antimony	ND	ND	0.89	ND	0.5	NA
Arsenic	4.3	7.1	9.1	3.5	0.5	NA
Barium	140	83	130	110	5.0	NA
Beryllium	ND	ND	ND	ND	0.5	NA
Cadmium	ND	ND	0.33	ND	0.25	NA
Chromium	43	26	32	36	0.5	NA
Cobalt	9.9	9.9	12	8.4	0.5	NA
Copper	35	44	45	23	0.5	NA
Lead	64	30	40	30	0.5	NA
Mercury	0.068	0.60	0.26	ND	0.05	NA
Molybdenum	ND	ND	0.54	ND	0.5	NA
Nickel	34	20	23	31	0.5	NA
Selenium	ND	ND	ND	ND	0.5	NA
Silver	ND	ND	ND	ND	0.5	NA
Thallium	ND	ND	ND	ND	0.5	NA
Vanadium	34	62	54	34	0.5	NA
Zinc	79	93	140	46	5.0	NA
%SS:	101	103	102	105		

Comments

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL 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 surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received 05/08/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted 05/09/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/09/08-05/10/08

CAM / CCR 17 Metals*

Lab ID	0805244-005A	0805244-006A	0805244-007A	0805244-008A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	SB-18	CS-01	CS-02	CS-03		
Matrix	S	S	S	S	S/Sludge	W
Extraction Type	TOTAL	TOTAL	TOTAL	TOTAL	mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B/SW3050B Work Order: 0805244

Dilution Factor	1	1	1	1	1	1
Antimony	ND	ND	ND	ND	0.5	NA
Arsenic	2.9	4.3	4.2	5.5	0.5	NA
Barium	64	110	190	200	5.0	NA
Beryllium	ND	ND	ND	0.51	0.5	NA
Cadmium	ND	ND	ND	ND	0.25	NA
Chromium	55	48	45	51	0.5	NA
Cobalt	14	8.9	8.7	11	0.5	NA
Copper	51	21	17	21	0.5	NA
Lead	13	27	14	13	0.5	NA
Mercury	0.062	0.058	0.059	0.066	0.05	NA
Molybdenum	ND	2.0	ND	0.53	0.5	NA
Nickel	36	38	45	54	0.5	NA
Selenium	ND	ND	ND	ND	0.5	NA
Silver	ND	ND	ND	ND	0.5	NA
Thallium	ND	ND	ND	ND	0.5	NA
Vanadium	31	36	38	45	0.5	NA
Zinc	38	62	52	63	5.0	NA
%SS:	104	103	103	103		

Comments

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL 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 surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
3708 Mt. Diablo Blvd, Ste. 215		Date Received 05/08/08
	Client Contact: John Sutton	Date Extracted 05/09/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 05/09/08-05/10/08

CAM / CCR 17 Metals*

					Reporting Limit for DF =1; ND means not detected above the reporting limit	
Lab ID	0805244-009A					
Client ID	CS-04					
Matrix	S				S/Sludge	W
Extraction Type	TOTAL				mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B/SW3050B Work Order: 0805244

Dilution Factor	1				1	1
Antimony	ND				0.5	NA
Arsenic	4.6				0.5	NA
Barium	180				5.0	NA
Beryllium	ND				0.5	NA
Cadmium	ND				0.25	NA
Chromium	48				0.5	NA
Cobalt	9.2				0.5	NA
Copper	21				0.5	NA
Lead	20				0.5	NA
Mercury	0.055				0.05	NA
Molybdenum	ND				0.5	NA
Nickel	47				0.5	NA
Selenium	ND				0.5	NA
Silver	ND				0.5	NA
Thallium	ND				0.5	NA
Vanadium	43				0.5	NA
Zinc	63				5.0	NA
%SS:	104					

Comments

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL 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 surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
	Client Contact: John Sutton	Date Extracted: 05/08/08
	Client P.O.:	Date Analyzed 05/09/08-05/10/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0805244

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	SB-14	S	1100,b,m	ND<1.0	1.6	9.9	17	87	20	120
002A	SB-15	S	450,b,m	ND<1.0	0.46	1.4	5.2	20	20	91
003A	SB-16	S	170,b,m	ND<2.5	ND<0.25	0.55	2.2	5.7	50	128
004A	SB-17	S	2200,b,m	ND<2.5	9.4	11	37	150	50	---#
005A	SB-18	S	790,b,m	ND<2.5	1.3	17	10	59	50	---#
006A	CS-01	S	3000,b,m	ND<2.5	4.3	7.5	46	130	50	---#
007A	CS-02	S	750,b,m	ND<0.50	3.2	3.5	13	59	10	119
008A	CS-03	S	230,b,m	ND<1.0	3.9	6.2	5.0	24	20	---#
009A	CS-04	S	2200,b,m	ND<10	15	96	35	200	200	124

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	1	ug/L
	S/Sludge	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high organic / MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
	Client Contact: John Sutton	Date Extracted: 05/08/08
	Client P.O.:	Date Analyzed 05/09/08-05/12/08

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3550C Analytical methods: SW8015C Work Order: 0805244

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0805244-001A	SB-14	S	290,d	2	98
0805244-002A	SB-15	S	91,d	5	125
0805244-003A	SB-16	S	61,d	5	118
0805244-004A	SB-17	S	300,d	2	84
0805244-005A	SB-18	S	190,d	5	81
0805244-006A	CS-01	S	770,g, d	10	105
0805244-007A	CS-02	S	120,d	1	72
0805244-008A	CS-03	S	26,d	1	117
0805244-009A	CS-04	S	170,d	1	76

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S/Sludge	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil/Sludge QC Matrix: Soil WorkOrder 0805244

EPA Method SW8260B	Extraction SW5030B	BatchID: 35388	Spiked Sample ID: 0805169-001A

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	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	101	96.8	4.31	102	100	1.35	60 - 130	30	60 - 130	30
Benzene	ND	0.050	104	104	0	104	103	1.24	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	102	104	1.43	108	106	2.19	60 - 130	30	60 - 130	30
Chlorobenzene	ND	0.050	97.5	97.6	0.0802	96.5	96.2	0.285	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	99.1	97.8	1.29	98.6	97.7	0.907	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	120	116	3.38	115	112	2.52	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	92.3	91.6	0.762	94.8	92.4	2.52	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	103	102	1.06	103	102	1.04	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	113	112	0.414	111	110	1.54	60 - 130	30	60 - 130	30
Toluene	ND	0.050	86.1	86.8	0.815	87.3	86.4	1.09	60 - 130	30	60 - 130	30
Trichloroethene	ND	0.050	94.3	94	0.237	93	91.9	1.17	60 - 130	30	60 - 130	30
%SS1:	94	0.050	96	96	0	101	99	2.13	70 - 130	30	70 - 130	30
%SS2:	101	0.050	98	98	0	99	99	0	70 - 130	30	70 - 130	30
%SS3:	106	0.050	91	91	0	92	91	0.924	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35388 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805244-001A	05/08/08 1:05 PM	05/08/08	05/09/08 10:04 PM	0805244-002A	05/08/08 1:06 PM	05/08/08	05/10/08 11:35 AM
0805244-003A	05/08/08 1:07 PM	05/08/08	05/09/08 11:29 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 enough sample to perform matrix spike and matrix spike duplicate.

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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Sludge QC Matrix: Soil WorkOrder 0805244

EPA Method SW8260B	Extraction SW5030B	BatchID: 35389	Spiked Sample ID: 0805085-001A

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	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	97.9	99.1	1.29	114	115	1.30	60 - 130	30	60 - 130	30
Benzene	ND	0.050	107	110	2.96	118	117	0.851	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	98.4	98.6	0.180	114	122	6.87	60 - 130	30	60 - 130	30
Chlorobenzene	ND	0.050	100	102	1.72	107	107	0	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	94.5	94.5	0	109	111	2.12	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	117	120	2.34	128	130	1.27	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	93.3	95.3	2.10	106	106	0	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	103	104	1.34	116	117	0.631	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	108	111	2.59	124	128	2.60	60 - 130	30	60 - 130	30
Toluene	ND	0.050	90.4	92.5	2.36	96.1	95.4	0.714	60 - 130	30	60 - 130	30
Trichloroethene	ND	0.050	96.4	100	3.71	104	104	0	60 - 130	30	60 - 130	30
%SS1:	103	0.050	100	100	0	102	104	1.21	70 - 130	30	70 - 130	30
%SS2:	96	0.050	99	99	0	98	99	0.954	70 - 130	30	70 - 130	30
%SS3:	108	0.050	92	92	0	92	93	1.18	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35389 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805244-004A	05/08/08 1:08 PM	05/08/08	05/10/08 12:11 AM	0805244-005A	05/08/08 1:09 PM	05/08/08	05/10/08 12:54 AM
0805244-006A	05/08/08 2:00 PM	05/08/08	05/10/08 12:17 PM	0805244-007A	05/08/08 2:05 PM	05/08/08	05/10/08 2:19 AM
0805244-008A	05/08/08 4:40 PM	05/08/08	05/10/08 3:01 AM	0805244-009A	05/08/08 4:45 PM	05/08/08	05/10/08 3:44 AM

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 enough sample to perform matrix spike and matrix spike duplicate.

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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil/Sludge QC Matrix: Soil WorkOrder 0805244

EPA Method SW8270C	Extraction SW3550C				BatchID: 35455			Spiked Sample ID: 0805218-003A			
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	RPD	LCS/LCSD	RPD
Acenaphthene	ND<6.6	2	81.8	82	0.244	80.8	81.6	1.06	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND<6.6	4	86.2	85	1.40	83.5	79	5.56	30 - 130	30	30 - 130	30
2-Chlorophenol	ND<6.6	4	64.9	65.6	1.07	95.2	98.3	3.17	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND<6.6	2	82.4	80.6	2.21	82.4	83.2	0.966	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND<6.6	2	45	47	4.35	75.4	71.9	4.70	30 - 130	30	30 - 130	30
4-Nitrophenol	ND<32	4	NR	NR	NR	69.8	66.5	4.88	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND<6.6	2	70.2	88.8	23.4	96.6	93.9	2.86	30 - 130	30	30 - 130	30
Pentachlorophenol	ND<32	4	NR	NR	NR	55.4	56.7	2.27	30 - 130	30	30 - 130	30
Phenol	ND<6.6	4	92.9	87.6	5.87	101	104	3.45	30 - 130	30	30 - 130	30
Pyrene	ND<6.6	2	82.2	82.6	0.485	81.1	83	2.38	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND<6.6	2	83.6	81.8	2.18	81.3	75.3	7.64	30 - 130	30	30 - 130	30
%SS1:	83	200	87	86	1.44	105	102	2.88	30 - 130	30	30 - 130	30
%SS2:	95	200	106	103	2.79	118	121	2.07	30 - 130	30	30 - 130	30
%SS3:	112	200	84	84	0	103	96	7.37	30 - 130	30	30 - 130	30
%SS4:	96	200	96	94	2.53	95	96	1.41	30 - 130	30	30 - 130	30
%SS5:	---#	200	54	52	3.60	109	111	2.08	30 - 130	30	30 - 130	30
%SS6:	95	200	93	92	0.415	92	90	1.81	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35455 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805244-001A	05/08/08 1:05 PM	05/09/08	05/10/08 10:52 AM	0805244-002A	05/08/08 1:06 PM	05/09/08	05/10/08 12:12 PM
0805244-003A	05/08/08 1:07 PM	05/09/08	05/10/08 1:33 PM	0805244-004A	05/08/08 1:08 PM	05/09/08	05/10/08 4:18 PM
0805244-005A	05/08/08 1:09 PM	05/09/08	05/10/08 5:40 PM	0805244-006A	05/08/08 2:00 PM	05/09/08	05/10/08 7:01 PM
0805244-007A	05/08/08 2:05 PM	05/09/08	05/10/08 9:46 PM	0805244-008A	05/08/08 4:40 PM	05/09/08	05/10/08 11:07 PM
0805244-009A	05/08/08 4:45 PM	05/09/08	05/11/08 12:28 AM				

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 enough sample to perform matrix spike and matrix spike duplicate.

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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Soil/Sludge QC Matrix: Soil WorkOrder: 0805244

EPA Method 6020A **Extraction SW3050B** **BatchID: 35449** **Spiked Sample ID 0805163-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	3.2	50	102	99.7	2.16	10	97.4	99.6	2.28	70 - 130	20	80 - 120	20
Arsenic	33	50	106	104	1.40	10	96.8	97.6	0.720	70 - 130	20	80 - 120	20
Barium	24	500	105	103	1.74	100	98.2	100	1.78	70 - 130	20	80 - 120	20
Beryllium	ND	50	86.4	85.3	1.33	10	94.4	96.1	1.84	70 - 130	20	80 - 120	20
Cadmium	ND	50	98.9	96.9	2.09	10	97.6	98.4	0.775	70 - 130	20	80 - 120	20
Chromium	79	50	109	106	1.43	10	93.8	95.8	2.04	70 - 130	20	80 - 120	20
Cobalt	28	50	108	107	0.572	10	98.5	101	2.65	70 - 130	20	80 - 120	20
Copper	130	50	128	124	1.02	10	94.4	95.8	1.51	70 - 130	20	80 - 120	20
Lead	160	50	130	122	1.83	10	95.6	97.6	2.12	70 - 130	20	80 - 120	20
Mercury	0.26	1.25	96.1	93.8	2.00	0.25	94.1	95.9	1.90	70 - 130	20	80 - 120	20
Molybdenum	8.8	50	99.3	96.4	2.48	10	96.1	97.9	1.88	70 - 130	20	80 - 120	20
Nickel	170	50	132, F1	125	1.47	10	95.1	96.1	0.983	70 - 130	20	80 - 120	20
Selenium	ND	50	98.1	96.7	1.39	10	96	95.5	0.522	70 - 130	20	80 - 120	20
Silver	ND	50	92.2	90.6	1.74	10	93.5	95.2	1.76	70 - 130	20	80 - 120	20
Thallium	ND	50	99.8	97.9	1.92	10	92.6	94.6	2.11	70 - 130	20	80 - 120	20
Vanadium	6.9	50	104	102	1.40	10	94.5	96.5	2.11	70 - 130	20	80 - 120	20
Zinc	200	500	98.1	96.9	0.906	100	97	99.5	2.50	70 - 130	20	80 - 120	20
%SS:	99	250	104	103	1.86	250	97	98	1.52	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

F1 = MS / MSD outside of acceptance criteria. LCS - LCSD validate prep batch.

BATCH 35449 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805244-001A	05/08/08 1:05 PM	05/09/08	05/09/08 10:47 PM	0805244-002A	05/08/08 1:06 PM	05/09/08	05/09/08 10:55 PM
0805244-003A	05/08/08 1:07 PM	05/09/08	05/09/08 11:03 PM	0805244-004A	05/08/08 1:08 PM	05/09/08	05/09/08 11:36 PM
0805244-005A	05/08/08 1:09 PM	05/09/08	05/09/08 11:45 PM	0805244-006A	05/08/08 2:00 PM	05/09/08	05/09/08 11:53 PM
0805244-007A	05/08/08 2:05 PM	05/09/08	05/10/08 12:01 AM	0805244-008A	05/08/08 4:40 PM	05/09/08	05/10/08 12:09 AM

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.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Sludge QC Matrix: Soil WorkOrder: 0805244

EPA Method 6020A **Extraction SW3050B** **BatchID: 35520** **Spiked Sample ID 0805244-009A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	ND	50	106	109	2.40	10	105	105	0	70 - 130	20	80 - 120	20
Arsenic	4.6	50	104	103	0.0533	10	99.9	99.6	0.341	70 - 130	20	80 - 120	20
Barium	180	500	106	109	2.68	100	102	102	0	70 - 130	20	80 - 120	20
Beryllium	ND	50	97.1	99	1.86	10	103	102	1.46	70 - 130	20	80 - 120	20
Cadmium	ND	50	102	104	1.58	10	102	102	0	70 - 130	20	80 - 120	20
Chromium	48	50	101	102	0.577	10	99.8	101	1.01	70 - 130	20	80 - 120	20
Cobalt	9.2	50	96.3	99.8	3.02	10	99.4	99.4	0	70 - 130	20	80 - 120	20
Copper	21	50	100	101	0.858	10	99.5	101	1.07	70 - 130	20	80 - 120	20
Lead	20	50	103	104	0.977	10	99.7	99.5	0.211	70 - 130	20	80 - 120	20
Mercury	0.055	1.25	101	102	0.904	0.25	99.9	99.1	0.844	70 - 130	20	80 - 120	20
Molybdenum	ND	50	100	103	2.73	10	100	100	0	70 - 130	20	80 - 120	20
Nickel	47	50	102	105	1.29	10	99.2	100	1.05	70 - 130	20	80 - 120	20
Selenium	ND	50	100	99.8	0.457	10	100	99.1	0.914	70 - 130	20	80 - 120	20
Silver	ND	50	96.7	98.9	2.23	10	97.7	97.6	0.133	70 - 130	20	80 - 120	20
Thallium	ND	50	102	102	0	10	94.6	95.3	0.716	70 - 130	20	80 - 120	20
Vanadium	43	50	102	103	0.138	10	99.4	101	1.42	70 - 130	20	80 - 120	20
Zinc	63	500	108	109	1.07	100	105	104	0.958	70 - 130	20	80 - 120	20
%SS:	104	250	105	110	4.56	250	103	102	1.13	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 35520 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805244-009A	05/08/08 4:45 PM	05/09/08	05/09/08 10:14 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.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil/Sludge QC Matrix: Soil WorkOrder 0805244

EPA Method SW8021B/8015Cm Extraction SW5030B BatchID: 35511 Spiked Sample ID: 0805264-001A

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	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	92.2	96.1	4.17	99.9	99.2	0.761	70 - 130	20	70 - 130	20
MTBE	ND	0.10	106	110	3.79	109	110	1.07	70 - 130	20	70 - 130	20
Benzene	ND	0.10	94.2	94.8	0.659	93.1	90.9	2.40	70 - 130	20	70 - 130	20
Toluene	ND	0.10	104	104	0	102	100	1.97	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	102	102	0	100	98.7	1.67	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	113	112	0.558	110	109	1.19	70 - 130	20	70 - 130	20
%SS:	79	0.10	101	103	2.18	96	97	1.08	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35511 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805244-001A	05/08/08 1:05 PM	05/08/08	05/10/08 2:54 PM	0805244-002A	05/08/08 1:06 PM	05/08/08	05/10/08 4:27 PM
0805244-003A	05/08/08 1:07 PM	05/08/08	05/09/08 2:56 PM	0805244-004A	05/08/08 1:08 PM	05/08/08	05/09/08 5:29 PM
0805244-005A	05/08/08 1:09 PM	05/08/08	05/10/08 6:20 AM	0805244-006A	05/08/08 2:00 PM	05/08/08	05/09/08 3:26 PM
0805244-007A	05/08/08 2:05 PM	05/08/08	05/09/08 3:57 PM	0805244-008A	05/08/08 4:40 PM	05/08/08	05/10/08 3:25 PM
0805244-009A	05/08/08 4:45 PM	05/08/08	05/09/08 1:54 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.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or 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 ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil/Sludge QC Matrix: Soil WorkOrder: 0805244

EPA Method SW8015C	Extraction SW3550C	BatchID: 35508	Spiked Sample ID: 0805240-004A

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	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	20	120	123	2.01	124	122	1.84	70 - 130	30	70 - 130	30
%SS:	120	50	119	121	1.70	122	121	0.452	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35508 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805244-001A	05/08/08 1:05 PM	05/08/08	05/09/08 8:04 PM	0805244-002A	05/08/08 1:06 PM	05/08/08	05/09/08 9:12 PM
0805244-003A	05/08/08 1:07 PM	05/08/08	05/09/08 10:20 PM	0805244-004A	05/08/08 1:08 PM	05/08/08	05/09/08 11:29 PM
0805244-005A	05/08/08 1:09 PM	05/08/08	05/10/08 12:37 AM	0805244-006A	05/08/08 2:00 PM	05/08/08	05/12/08 12:37 PM
0805244-007A	05/08/08 2:05 PM	05/08/08	05/10/08 4:02 AM	0805244-008A	05/08/08 4:40 PM	05/08/08	05/10/08 5:10 AM
0805244-009A	05/08/08 4:45 PM	05/08/08	05/12/08 12:37 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 enough sample to perform matrix spike and matrix spike duplicate.

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 ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
	Client Contact: John Sutton	Date Reported: 05/12/08
	Client P.O.:	Date Completed: 05/22/08

WorkOrder: 0805244

May 23, 2008

Dear John:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **#CA-1905-1; Oro Loma, 2655 Grant**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0805244

RUSH

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: ☐ RUSH ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

Report To: John Sutton Bill To: Same
Company: Sutton Group
3708 Mount Diablo Blvd. Suite 215 bloox@ceresassociates.com
Lafayette, CA 94549 E-Mail: suttongeo@sbcglobal.com
Tele: (925) 579-8518 Fax: ( )
Project #: CA 1905-1 Project Name: Oro Loma
Project Location: 2655 Grant Avenue, San Lorenzo
Sampler Signature: Bonnie Loox BL

Analysis Request columns:
1. MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)
2. MTBE / BTEX ONLY (EPA 602 / 8021)
3. TPH as Diesel / ~~Motor Oil~~ (8015)
4. Total Petroleum Oil & Grease (1664 / 5520 E/B&F)
5. Total Petroleum Hydrocarbons (418.1)
6. EPA 502.2 / 601 / 8010 / 8021 (HVOCs)
7. EPA 505/ 608 / 8081 (Cl Pesticides)
8. EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners
9. EPA 507 / 8141 (NP Pesticides)
10. EPA 515 / 8151 (Acidic Cl Herbicides)
11. EPA 524.2 / 624 / 8260 (VOCs)
12. EPA 525.2 / 625 / 8270 (SVOCs) added 5/9/08 48hr
13. EPA 8270 SIM / 8310 (PAHs / PNAs)
14. CAM 17 Metals (200.7 / 200.8 / 6010 / 6020) added 5/9/08 per email 48hr
15. TAME, ETBE, DIPE, TBA EDB & EDC
16. Full 8260 list added 5/9/08 48h

Other: STLC Pb added 5/19/08 5day; STLC CR added 5/19/08 5day (Per email)

Comments: Filter Samples for Metals analysis: Yes / No

SAMPLE ID	LOCATION / Field Point Name	Date	Time	# Containers	Type Containers	Water	Soil	Air	Sludge	Other	ICE	HCL	HNO₃	Other	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	STLC Pb	STLC CR	Other	Comments
~~SB-11~~		~~5/8/08~~		~~1~~	~~gl~~		~~BL~~				X				X		X												X					
~~SB-12~~		~~5/8/08~~		~~1~~	~~gl~~		~~PL~~								X		X												X					
~~SB-13~~		~~5/8/08~~		~~1~~	~~gl~~		~~PL~~								X		X												X					
SB-14		5/8/08	1:05	1	gl		X								X		X									X		X	X		(X)			
SB-15		5/8/08	1:06	1	gl		X								X		X									X		X	X					
SB-16		5/8/08	1:07	1	gl		X								X		X									X		X	X					
SB-17		5/8/08	1:08	1	gl		X								X		X									X		X	X					
SB-18		5/8/08	1:09	1	gl		X								X		X									X		X	X			(X)		
CS-01	8' from N	5/8/08	2:00	2	gl				X						X		X									X		X	X					
CS-02	8' from W	5/8/08	2:05	2	gl				X						X		X									X		X	X					
CS-03	8' from E	5/8/08	4:40	2	gl				X						X		X									X		X	X					
CS-04	8' From S	5/8/08	4:45	2	gl				X		X				X		X									X		X	X					

Relinquished By:	Date:	Time:	Received By:
BL	5/8/08	18:05	[signature]
[signature]	5/8/08	1922	[signature]

ICE/t° 3.0
GOOD CONDITION_____ gl = 4 oz glass jar
HEAD SPACE ABSENT_______
DECHLORINATED IN LAB_______

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 080524 B **ClientCode: TSG**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
John Sutton
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549

(925) 944-2856 FAX 925-284-4189

Email: suttongeo@sbcglobal.net
cc:
PO:
ProjectNo: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo

Bill to:
Accounts Payable
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549

Requested TAT: 2 days
Date Received: **05/08/2008**
Date Add-On: **05/19/2008**
Date Printed: **05/19/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
0805244-001	SB-14	Soil	5/8/2008 13:05	☐		A										
0805244-005	SB-18	Soil	5/8/2008 13:09	☐	A											

Test Legend:

1	STLC_METALS_Soil	2	STLC_PB_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Ana Venegas

Comments: 48hr rush/ Full 8260, 8270, and CAM17 added 5/9/08 per email 48hr rush/ Stlc Pb and Stlc Cr added 5/19/08 5 day per email

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
	Client Contact: John Sutton	Date Extracted: 05/19/08-05/21/08
	Client P.O.:	Date Analyzed 05/22/08

ICP Metals*

Extraction method CA Title 22 Analytical methods SW6010C Work Order: 0805244

Lab ID	Client ID	Matrix	Extraction Type	Chromium	DF	% SS
0805244-005A	SB-18	S	WET	0.12	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit				
	W	TOTAL	NA	µg/L
	S	WET	0.05	mg/L

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL^ 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 ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
	Client Contact: John Sutton	Date Extracted: 05/19/08-05/21/08
	Client P.O.:	Date Analyzed 05/22/08

Lead by ICP*

Extraction method CA Title 22 Analytical methods SW6010C Work Order: 0805244

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS
0805244-001A	SB-14	S	WET	15	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit				
	W	TOTAL	NA	µg/L
	S	WET	0.2	mg/L

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL 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 surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW6010C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0805244

EPA Method SW6010C **Extraction CA Title 22** **BatchID: 35624** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Chromium	N/A	1	N/A	N/A	N/A	98.7	103	3.93	N/A	N/A	80 - 120	20
Lead	N/A	1	N/A	N/A	N/A	102	108	6.11	N/A	N/A	80 - 120	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35624 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805244-001A	05/08/08 1:05 PM	05/19/08	05/22/08 11:35 AM	0805244-005A	05/08/08 1:09 PM	05/19/08	05/22/08 11:32 AM

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 ELAP Certification N° 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
	Client Contact: John Sutton	Date Reported: 05/30/08
	Client P.O.:	Date Completed: 05/30/08

WorkOrder: 0805244

May 30, 2008

Dear John:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#CA-1905-1; Oro Loma, 2655 Grant**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0805244

RUSH

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

Report To: John Sutton Bill To: Same
Company: Sutton Group
3708 Mount Diablo Blvd. Suite 215 bloox@ceresassociates.com
Lafayette, CA 94549 E-Mail: suttongeo@sbcglobal.com
Tele: (925) 579-8518 Fax: ( )
Project #: CA 1905-1 Project Name: Oro Loma
Project Location: 2655 Grant Avenue, San Lorenzo
Sampler Signature: Bonnie Loox

SAMPLE ID	LOCATION / Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	HCL	HNO_3	Other	MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)	MTBE / BTEX ONLY (EPA 602 / 8021)	TPH as Diesel / ~~Motor Oil~~ (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs) added 5/9/08 48hr	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020) added 5/9/08 per email 48hr	TAME, ETBE, DIPE, TBA EDB + EDC	full 8260 list added 5/9/08 48hr	Other: STLC Pb added 5/19/08 5day	STLC CR added 5/19/08 5day	TCLP Pb added 5/27/08 5day	Comments
~~SB-11~~		~~5/8/08~~		~~1~~	~~gl~~		~~BL~~				X				X		X												X					Filter Samples for Metals analysis: Yes / No
~~SB-12~~		~~5/8/08~~		~~1~~	~~gl~~		~~BL~~								X		X												X					
~~SB-13~~		~~5/8/08~~		~~1~~	~~gl~~		~~BL~~								X		X												X					
SB-14		5/8/08	1:05	1	gl		X								X		X									X		X	X		ⓧ		ⓧ	
SB-15		5/8/08	1:06	1	gl		X								X		X									X		X	X					
SB-16		5/8/08	1:07	1	gl		X								X		X									X		X	X					
SB-17		5/8/08	1:08	1	gl		X								X		X									X		X	X					
SB-18		5/8/08	1:09	1	gl		X								X		X									X		X	X			ⓧ		
CS-01	8' from N	5/8/08	2:00	2	gl				X						X		X									X		X	X					
CS-02	8' from W	5/8/08	2:05	2	gl				X						X		X									X		X	X					
CS-03	8' from E	5/8/08	4:40	2	gl				X						X		X									X		X	X					
CS-04	8' From S	5/8/08	4:45	2	gl				X		X				X		X									X		X	X					

Relinquished By:	Date:	Time:	Received By:
[signature]	5/8/08	18:05	[signature]
[signature]	5/8/08	1922	[signature]

ICE/t° 3.0
GOOD CONDITION______ gl = 4 oz glass jar
HEAD SPACE ABSENT______
DECHLORINATED IN LAB______

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 080524 C **ClientCode: TSG**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
John Sutton
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549

(925) 944-2856 FAX 925-284-4189

Email: suttongeo@sbcglobal.net
cc:
PO:
ProjectNo: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo

Bill to:
Accounts Payable
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549

Requested TAT: 2 days
Date Received: **05/08/2008**
Date Add-On: **05/27/2008**
Date Printed: **05/27/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
0805244-001	SB-14	Soil	5/8/2008 13:05	☐	A											

Test Legend:

1	TCLP_PB_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Ana Venegas

Comments: 48hr rush/ Full 8260, 8270, and CAM17 added 5/9/08 per email 48hr rush/ Stlc Pb and Stlc Cr added 5/19/08 5 day per email. Tclp Pb added 5/27/08 per email 5 day

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #CA-1905-1; Oro Loma, 2655 Grant Ave, San Lorenzo	Date Sampled: 05/08/08
		Date Received: 05/08/08
	Client Contact: John Sutton	Date Extracted: 05/27/08-05/28/08
	Client P.O.:	Date Analyzed 05/28/08

Lead by ICP*

Extraction method SW1311 Analytical methods SW6010C Work Order: 0805244

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS
0805244-001A	SB-14	S	TCLP	ND	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TCLP	0.2	mg/L

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL 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 surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW6010C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0805244

EPA Method SW6010C	Extraction SW1311	BatchID: 35847	Spiked Sample ID: N/A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	N/A	1	N/A	N/A	N/A	104	107	2.37	N/A	N/A	80 - 120	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 35847 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0805244-001A	05/08/08 1:05 PM	05/27/08	05/28/08 3:28 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 ELAP Certification 1644

QA/QC Officer

APPENDIX D

Geotechnical Soil and Materials Testing Results

Table 1

Field Density Tests

Oro Loma Sanitary District : Pit backfill

NO.	DATE	LOCATION	Elev.	WET DENSITY (PCF)	MOISTURE CONTENT (pounds)	DRY DENSITY (PCF)	MOISTURE CONTENT (percent)	RELATIVE COMP. PERCENT	SOIL TYPE	MAX. DRY DENSITY (PCF)
Excavation Backfill										
1	3-Jan-04	N. Side	-3.0	140.0	19.3	120.7	16%	91%	Gravelly Fill	132.9
2	9-May-07	SW side	-3.0	141.4	16.7	124.6	13%	94%	"	132.9
3	9-May-07	Ctr-E. Side	-3.0	136.1	16.1	120.0	13%	90%	"	132.9
4	9-May-07	West Side	-3.0	138.0	17.2	120.8	14%	91%	"	132.9
5	9-May-07	NW corner	-3.0	135.8	13.7	122.0	11%	92%	"	132.9
6	12-May-07	SW	-1.5	138.1	9.4	128.8	7%	90%	AB	142.8
7	12-May-07	NE	-1.5	142.7	9.8	133.0	7%	93%	"	142.8
8	12-May-07	SE	-1.5	142.2	9.8	132.3	7%	93%	"	142.8
9	12-May-07	N-Ctr	-0.8	138.6	9.9	128.6	8%	90%	"	142.8
10	12-May-07	NE	-0.8	140.9	8.2	132.7	6%	93%	"	142.8
11	12-May-07	SE	-0.8	138.4	7.8	130.6	6%	91%	"	142.8
12	12-May-07	W-Ctr	-0.8	137.5	8.0	129.5	6%	91%	"	142.8
Final AB Testing	Testing by CTS									
CTS-1	23-Jun-08	40'W, NEcor	FAB			136.7	5.0	96%	AB	142.8
CTS-2	23-Jun-08	38'S Collect E	FAB			137.3	5.3	96%	"	142.8
CTS-3	23-Jun-08	35'N, E drvwy	FAB			137.0	5.1	96%	"	142.8
CTS-4	23-Jun-08	33'N Wdrvwy	FAB			135.8	6.3	95%	"	142.8
CTS-5	23-Jun-08	18'E w edge	FAB			135.9	7.0	95%	"	142.8

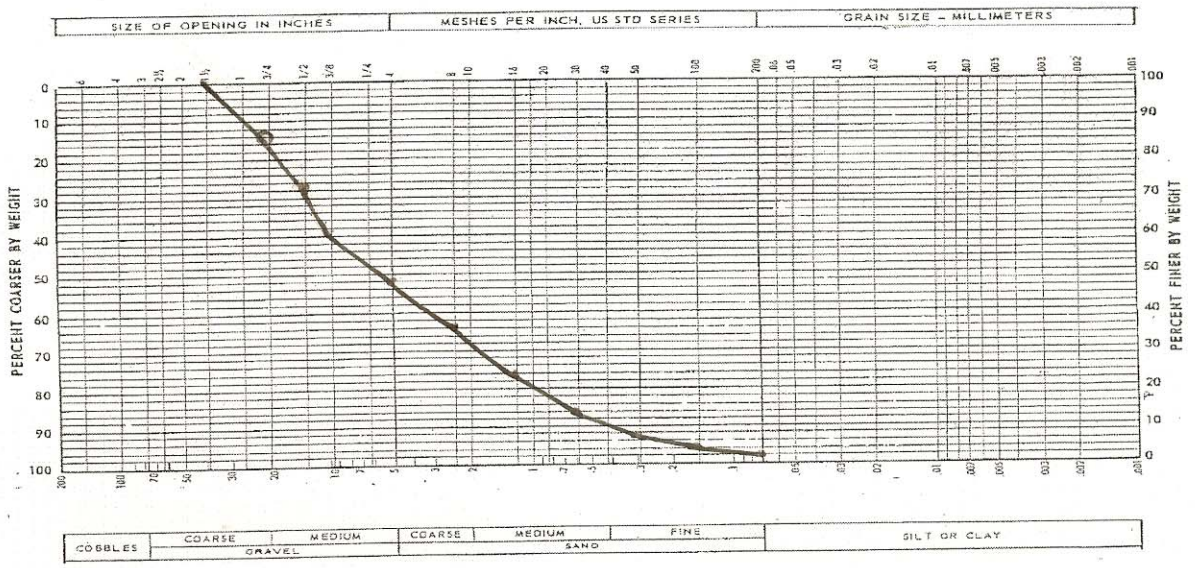
Soil Types		Maximum Density	Optimum Moisture
Brown to green, angular, sandy gravel fill (GP)		132.9 pcf	9.9%
Aggregate Base Rock	(ex Vulcan Pleasanton)	142.8 pcf	5.0%

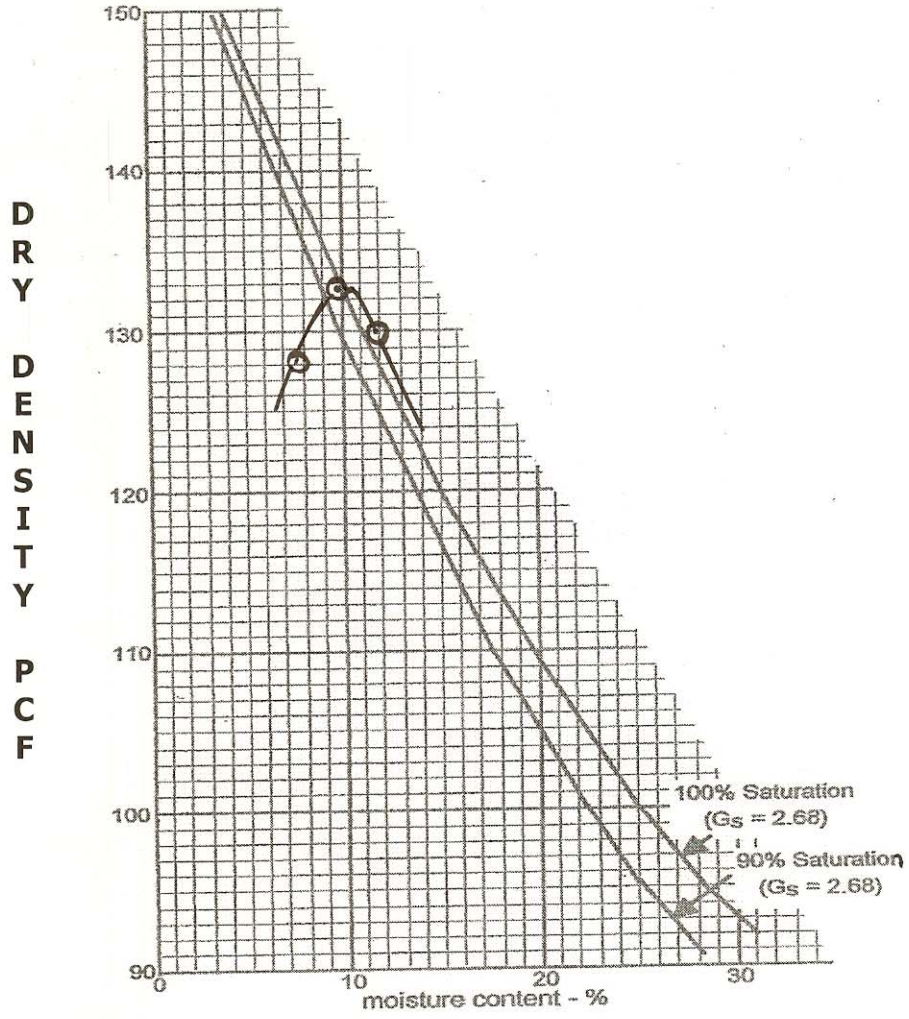
ASPHALT TESTING

Testing by CTS				Density	RC		
1	24-Jun-08	40'SE, NE cor	FAC	142.5	97%	AC	147.5
2	24-Jun-08	20'E of W Edge	FAC	143.7	97%	"	147.5
3	24-Jun-08	35'N of E Drvwy	FAC	144.1	98%	"	147.5
4	24-Jun-08	85'N of E drvwy	FAC	143.0	97%	"	147.5
5	24-Jun-08	40'S of Collect	FAC	142.8	97%	"	147.5
1	25-Jun-08	40'SW of NE cor	FAC	144.1	98%	"	147.5
2	25-Jun-08	20'W of E edge	FAC	145.2	98%	"	147.5
3	25-Jun-08	35'N of W edge	FAC	144.8	98%	"	147.5

1/2" MaxMed Asphaltic concrete, PG 64-10 oil 147.5 pcf
ex Vulcan Pleasanton

GRAIN SIZE ANALYSIS, ASTM D 422-63 (2002)





Sample ID:

Material Description:

On site brown to green, angular, sandy gravel fill (GP)

Laboratory Teat Method:

ASTM D1557-02

Maximum Dry Density: **132.9** pcf

Opt. Moisture Content: **9.9** %

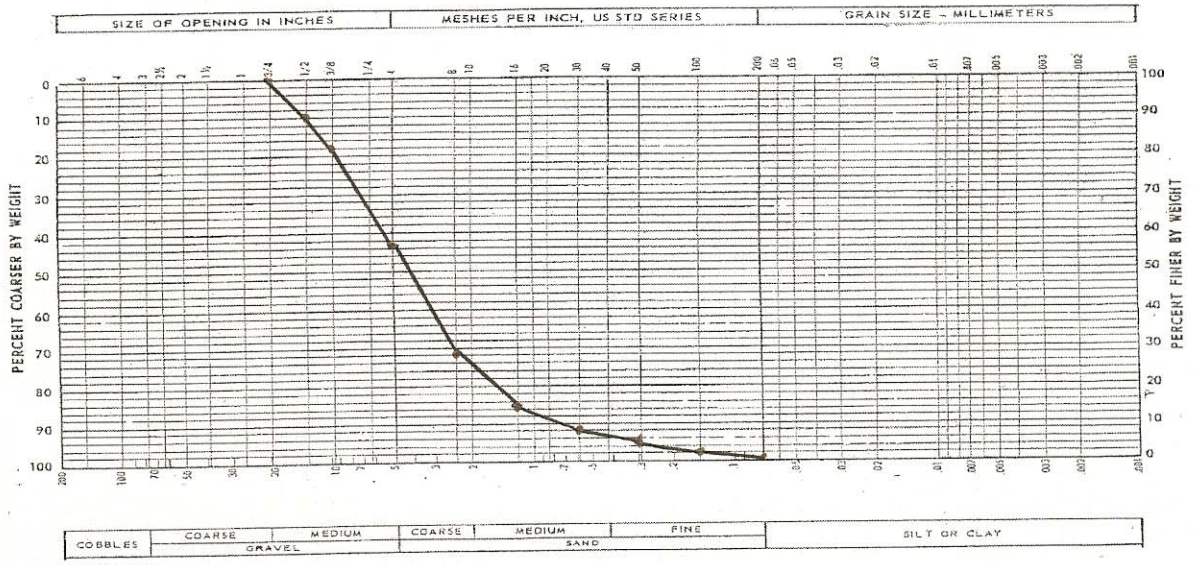
THE SUTTON GROUP
3708 Mount Diablo Blvd, Suite 215
Lafayette, CA, 94549
PHONE (925) 284-4208

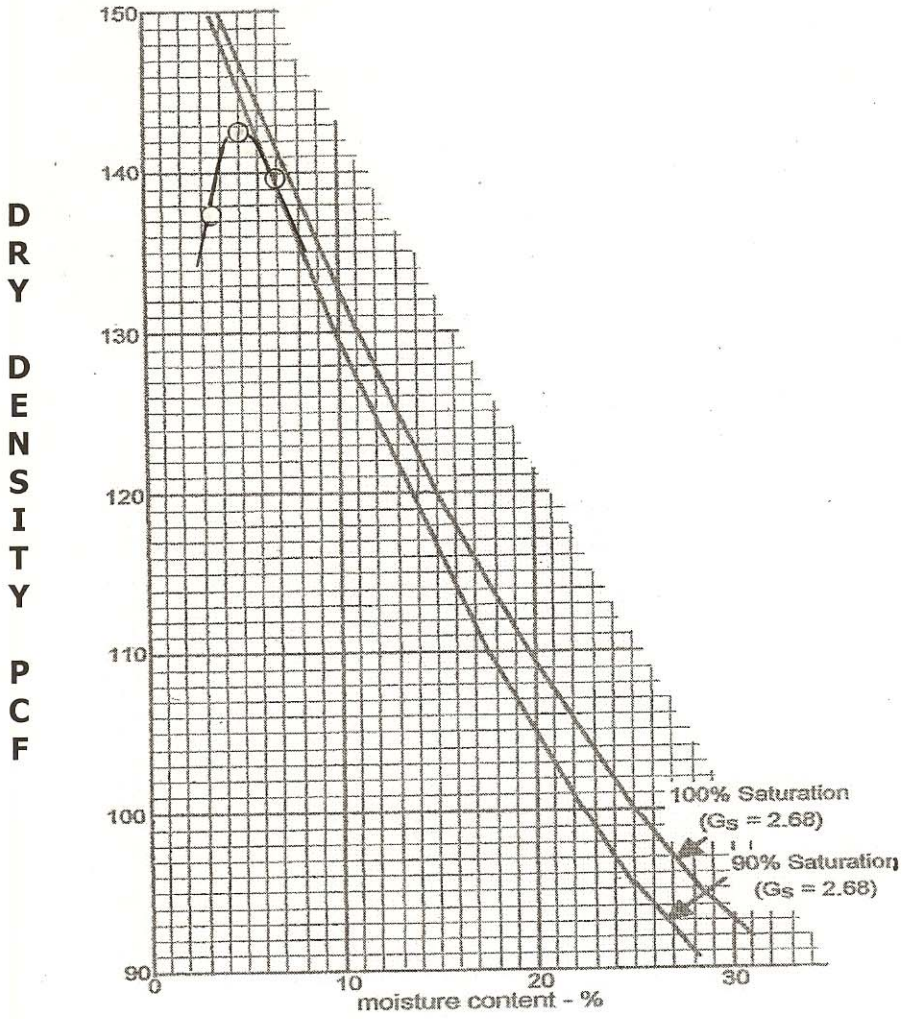
COMPACTION TEST RESULTS

FILE NO: 3022.13
5 /7 / 2008

PLATE No: 1

GRAIN SIZE ANALYSIS, ASTM D 422-63 (2002)





Sample ID:

Virgin AB ex Vulcan, Pleasanton

Material Description:

Light brown, rounded, gravelly sand (SP)

Laboratory Teat Method:

ASTM D1557-02

Maximum Dry Density: **142.8** pcf

Opt. Moisture Content: **5.0** %

THE SUTTON GROUP
3708 Mount Diablo Blvd, Suite 215
Lafayette, CA, 94549
PHONE (925) 284-4208

COMPACTION TEST RESULTS

FILE NO: 3022.13
5 /13 / 2008

PLATE No: 2

Summary Report #2

June 30, 2008

Job No: J5726

Job Name: 2600 Grant St.
San Lorenzo, CA

Job #: 40-254.00

Oro Loma
Attn: Melody Knapp (email)
2600 Grant St.
San Lorenzo, CA 94580

June 23, 2008

Doug Abeel reported to Bennett Cruz with Oro Loma SD at the office building. Performed soil compaction testing. Arrived on site as requested to take density tests on compacted aggregate base for the parking lot and driveway next to the engineering building for Oro Loma Sanitary District. Test results indicate that compactor compacted AB in accordance with project specifications regarding degree of compaction and moisture content. Will return to the site for the paving of the parking lot. See attached for test numbers and locations.

Work observed was, to the best of Doug's knowledge, in conformance with approved plans, specifications and applicable standards or workmanship.

June 24, 2008

Doug Abeel reported to Bennett Cruz with Oro Loma SD at the office building. Performed asphalt concrete compaction testing. (1) sample was obtained for testing. Observed the placement and compaction of ½" mm asphalt's concrete for the parking lot roadway. Zaccar was on site to complete the fine grading of aggregate base. APCO was on site to perform the placement and compaction of ½" max medium AC beams supplied by Vulcan of Pleasanton. Contractor placed and compacted AC in area 3" lift as approved by Jason and Bennett with Oro Loma SD. Test results indicate that contractor compacted AC in accordance with project specifications regarding degree of compaction (95% or better). Doug took one representative sample of AC from behind the paver. Contractor has about ¼ of the parking lot to complete tomorrow. See attached for test numbers and locations.

Work observed was, to the best of Doug's knowledge, in conformance with approved plans, specifications and applicable standards or workmanship.

June 25, 2008

Doug Abeel reported to Bennett Cruz with Oro Loma SD at the office building. Performed asphalt concrete compaction testing. Continued monitoring and testing the placement and compaction of ½" mm AC for the east side of parking lot. APCO was on site to place the ½" mm AC being supplied by Vulcan Pleasanton. Contractor placed and compacted the AC in accordance with project specifications regarding degree of compaction (95%). Doug let Jason and Bennett Cruz know that tests met compaction requirements. See attached for test numbers and locations.

Work observed was, to the best of Doug's knowledge, in conformance with approved plans, specifications and applicable standards or workmanship.

Laboratory test results are enclosed if testing was done during the period covered by this report.

Limitations: These inspections were performed in accordance with requirements, but please note this report shall not be relied upon by others, as acceptance or guarantee of the work. Even with diligent inspection techniques, the contractor is solely liable for defects or failures to adhere to the code.

Reviewed by Yate Chhoun
Staff Engineer

7/1/08
Date

Technical Contact: ***Patrick Greenan, P.E.***
Administrative Contact: ***Brenda Harris (bharris@cts-1.com)***

J5726

KLEINFELDER
Bright People. Right Solutions.

Form PL-025
Revised 5/2008

BULK SPECIFIC GRAVITY OF AC BRIQUETTES
CTM 308 (Method A)

Project: CTS - OROLOMA SANITATION DISTRICT
File No.: 25514 | 12490

Lab No.: PL12490
Date: 6-27-08

Specimen ID	Sample Location	(A) Mass in air/dry	(D) Mass w/Paraffin	(E) Mass Submerged	Height	Volume	Bulk SPG	Density (PCF)	Voids%
A		1208.1	1229.7	696.0	2.52	509.7	2.370	147.5	

PRELIMINARY
Reviewed by: RL Date: 6-27-08

Calculations:
Bulk SPG = A / [(D - E) - (D - A) / F],
Density (PCF) = Bulk SPG x 62.245

F = 0.90 (Bulk SPG of paraffin)

Remarks: ½" MAX MED A.C FROM VULCAN, PLEASANTON. PULLED ON 6-24-08 AT 12:45 pm.

Technician: J.E.M.

Reviewed: _____

Construction Testing Services
Soils Compaction Testing by ASTM Standards

4770 Duckhorn Drive • Sacramento, CA 95834 • (916) 419-4747 office (916) 419-4774 fax
2174 Rheem Drive, Suite A • Pleasanton, CA 94588 • (925) 462-5151 office (925) 462-5183 fax

Project Number: **J5726**	Project Name: **Oro Loma Sanitary District**	Client received copy of this report? ☑ Yes ☐ No	Page: **1** of **1**
Date: **6/23/2008**	Client: **Oro Loma SD**	Location: **San Lorenzo**	Technician/Engineer: **Doug Abeel**
Daily Field Report Number:	Source of Fill: ☐ Native ☑ Import	Contractor/Representative: **Zaccor**	Time Arrived: **7AM / 10:30 AM**
Reviewed By: **BQ**		Gauge Number: **2064** Mileage:	Time Departed: **9AM / 3:30 AM**
Date Reviewed: **7/3/2008**	General Location of Fill: **Parking Lot and Roadway**	Results Reported To: **Bennett Cruz**	Travel Time (hours):
☐ Density Std (DS) ☐ Moisture Std (MS)	Specified Compaction: **95%**	Weather: **Sunny & Warm**	Total time (hours): **7**
Soils Report Prepared by:	Equipment observed: ☑ Compaction Plate Tamper, Cat CB224E Roller		
Soils Report Date:	☐ Excavation ☑ Earthwork Cat 426 Backhoe, Cat 4160 Skip loader		

Laboratory Compaction Curve A:
Soil Type (description): **Brown Class II AB**
Max. Laboratory Dry Density: **142.8** (lbs/cu. ft)
Optimum Moisture Content (%): **5.0%**

Laboratory Compaction Curve B:
Soil Type (description):
Max. Laboratory Dry Density: (lbs/cu. ft)
Optimum Moisture Content (%):

Test Number	Test Location (i.e. Grid locations, etc.) ☐ See Map/Diagram/Plan attached	Probe Depth (in.)	Test Elev. (ft)	Ref. Curve Used	Test Dry Density (lbs/cu. ft)	Test Moisture %	% Compaction	Comments
1	40' W of NE corner of Bldg in Parking lot	4"	FAB	A	136.7	5.0	96	Pass
2	38' S of collection Bldg in parking lot	4"	FAB	A	137.3	5.3	96	Pass
3	35' N of East Driveway entrance within roadway	4"	FAB	A	137.0	5.1	96	Pass
4	33' N of West driveway entrance within roadway	4"	FAB	A	135.8	6.3	95	Pass
5	18' e of West edge of parking lot	4"	FAB	A	135.9	7.0	95	Pass

Any unresolved test (date/number): No failures noted.

Observations/Remarks:

NOTES

1. Tests were conducted in general accordance with the generally accepted testing methodologies practiced within the site area at the time and locations the tests were performed. No warranty is expressed or implied.
2. Test results, pass/fail indications, and/or recommendations (if applicable) provided herein have not been reviewed by supervisory staff, therefore, should be considered preliminary and subject to change.
3. Please note that this report shall not be relied upon by others, as acceptance or guarantee of work. Even with diligent inspection techniques, the contractor is responsible for defects or failures to adhere to the code.

Doug Abeel
Inspector

☐ Continued next page

Construction Testing Services
AC Compaction Testing by ASTM Standards

4770 Duckhorn Drive • Sacramento, CA 95834 • (916) 419-4747 office (916) 419-4774 fax
2174 Rheem Drive, Suite A • Pleasanton, CA 94588 • (925) 462-5151 office (925) 462-5183 fax

Project Number: **J5726**	Project Name: **Oro Loma Sanitary District**	Client received copy of this report? ☑ Yes ☐ No	Page: **1** of **1**
Date: **6/24/2008**	Client: **Oro Loma SD**	Location: **San Lorenzo**	Technician/Engineer: **Doug Abeel**
Daily Field Report Number:	Asphalt Batch Plant (Supplier): Vulcan Pleasanton	Contractor/Representative: **APCO**	Time Arrived: **8:00 AM**
Reviewed By: **BQ**	Supplier Location: **Pleasanton**	Gauge Number: **2064** / Mileage:	Time Departed: **4:00 PM**
Date Reviewed: **7/3/2008**	General Location of Placement: **Parking lot/ roadway**	Results Reported To: **Bennet Cruz**	Travel Time (hours):
Density Std (DS): / Moisture Std (MS):	Specified Compaction: **95%**	Weather: **Sunny, warm**	Total Time (hours): **8**
Asphalt Mix Design:	1/2" MM AC / **PG64-10**	Paving Subcontractor: APCO	
		Paving Equipment: **Leeboy paving machine**	
Laboratory Maximum Density:	**149.5** (lbs/cu. ft)	Plate tamper	
		CC smooth drum roller	

Test Number	Test Location ☐ See Map/Diagram/Plan attached	Probe Depth (in.)	Test Elev. (ft)	Ref. Curve Used	Test Wet Density (lbs/cu. ft)	Test Moisture %	% Compaction	Comments
1	40' SE of NE corner of Bldg in parking lot	BS	FAC	NA	142.5	NA	95.3	Pass
2	20' E of W edge of parking lot	BS	FAC	NA	143.7	NA	96.1	Pass
3	35' N of East Driveway in Parking lot	BS	FAC	NA	144.1	NA	96.4	Pass
4	85' N of E driveway in parking lot	BS	FAC	NA	143.0	NA	95.7	Pass
5	40' S of collection Bldg in parking lot	BS	FAC	NA	142.8	NA	95.5	Pass

Any unresolved test (date/number): No failures noted

Observations/Remarks:

NOTES

1. Tests were conducted in general accordance with the generally accepted testing methodologies practiced within the site area at the time and locations the tests were performed. No warranty is expressed or implied.
2. Test results, pass/fail indications, and/or recommendations (if applicable) provided herein have not been reviewed by supervisory staff, therefore, should be considered preliminary and subject to change.
3. Please note that this report shall not be relied upon by others, as acceptance or guarantee of work. Even with diligent inspection techniques, the contractor is responsible for defects or failures to adhere to the code.

Doug Abeel
Inspector

☐ Continued on next page

Construction Testing Services
AC Compaction Testing by ASTM Standards

4770 Duckhorn Drive • Sacramento, CA 95834 • (916) 419-4747 office (916) 419-4774 fax
2174 Rheem Drive, Suite A • Pleasanton, CA 94588 • (925) 462-5151 office (925) 462-5183 fax

Project Number: **J5726**	Project Name: **Oro Loma Sanitary District**	Client received copy of this report? ☑ Yes ☐ No	Page: **1** of **1**
Date: **6/25/2008**	Client: **Oro Loma SD**	Location: **San Lorenzo**	Technician/Engineer: **Doug Abeel**
Daily Field Report Number:	Asphalt Batch Plant (Supplier): Vulcan Pleasanton	Contractor/Representative: **APCO**	Time Arrived: **8:00 AM**
Reviewed By: **BQ**	Supplier Location: **Pleasanton**	Gauge Number: **2064** Mileage:	Time Departed: **1:30 PM**
Date Reviewed: **7/3/2008**	General Location of Placement: **Parking lot east side**	Results Reported To: **Bennet Cruz**	Travel Time (hours):
Density Std (DS): Moisture Std (MS):	Specified Compaction: **95%**	Weather:	Total Time (hours): **5.5**
Asphalt Mix Design:	1/2" MM AC **PG64-10**	Paving Subcontractor: APCO	
Laboratory Maximum Density:	**149.5** (lbs/cu. ft)	Paving Equipment: **Leeboy paving machine**	
		Plate tamper	
		CC smooth drum roller	

Test Number	Test Location ☐ See Map/Diagram/Plan attached	Probe Depth (in.)	Test Elev. (ft)	Ref. Curve Used	Test Wet Density (lbs/cu. ft)	Test Moisture %	% Compaction	Comments
1	40' SW of NE corner of Parking lot		FAC	NA	144.1	NA	96.4	Pass
2	20' W of E edge of parking lot		FAC	NA	145.2	NA	97.1	Pass
3	35' N of W driveway edge		FAC	NA	144.8	NA	96.9	Pass

Any unresolved test (date/number): No failures noted

Observations/Remarks:

NOTES

1. Tests were conducted in general accordance with the generally accepted testing methodologies practiced within the site area at the time and locations the tests were performed. No warranty is expressed or implied.
2. Test results, pass/fail indications, and/or recommendations (if applicable) provided herein have not been reviewed by supervisory staff, therefore, should be considered preliminary and subject to change.
3. Please note that this report shall not be relied upon by others, as acceptance or guarantee of work. Even with diligent inspection techniques, the contractor is responsible for defects or failures to adhere to the code.

Doug Abeel
Inspector

☐ Continued on next page

APPENDIX E

Groundwater Recovery System Testing

WELL GAUGING DATA

Project # 080604-DW-1 Date 6-4-08 Client The Sutton Group

Site 2600 Grant Ave San Lorenzo

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
1	0842	8					7.13	14.82		
2	0844	8					6.86	16.00		
3	0846	8					5.91	16.23		

WELLHEAD INSPECTION CHECKLIST

Date 6-4-08 Client The Sutton Group

Site Address 2600 Grant Ave San Lorenzo

Job Number 080604-DW-1 Technician DW

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
1	X							
2	X							
3	X							

NOTES: _____

080604-DW-1

Draw Down Pump Test Field Form

Remarks

6GPM

SAMPLED [ ]
NOT SAMPLED [✓]
Scheduled Site Visit [ ]

Start time	0850	End Time	0859		

	Water Extraction					Depth to Water	
	Well ID	Time (min) Elapsed	Gallons Pumped	Rate gpm	Total Gallons		
	1	0:00				7.13	
0851	1	1	6	6	6	7.55	
0852	1	2	4 6	↓	12	8.40	
0853	1	3	6	↓	18	10.21	
0854	1	4	6	↓	24	12.44	well dewatered @ 25g/s. DTW 13.
	1	5					Removed pump
	1	6					
0857	1	7	0	0	25	13.12	
	1	8					
0859	1	9	0	0	25	13.07	
	1	10					
	1	11					
	1	12					
	1	13					
	1	14					
0905	1	15	0	0	25	12.85	
0915	1	25 ~~20~~	↓	↓	↓	12.70	
0930	1	40 ~~25~~	↓	↓	↓	12.58	
0945	1	55 ~~30~~	↓	↓	↓	12.45	
1000	1	70 ~~35~~	↓	↓	↓	12.33	
1015	1	85 ~~40~~	↓	↓	↓	12.20	
1055	1	125 ~~45~~	↓	↓	↓	11.90	
1110	1	140 ~~50~~	↓	↓	↓	11.78	
1125	1	155 ~~55~~	↓	↓	↓	11.71	
1140	1	170 ~~60~~	↓	↓	↓	11.60	
1155	1	185	↓	↓	↓	11.49	

Field Notes:

1310 — 11.00
~~1300~~ 1340 → 10.81
1400 — 10.71
1425 — 10.53
1445 — 10.39
1505 — 10.25

Technician DW

Date: 6-4-08

080604-DW-1

Draw Down Pump Test Field Form

Remarks

6 gpm pump

SAMPLED [ ]
NOT SAMPLED [X]
Scheduled Site Visit [ ]

Start time	0920	End Time	1020	

Water Extraction					Depth to Water				
Well ID	Time (min) Elapsed	Gallons Pumped	Rate gpm	Total Gallons					
2	0:00				6.86				
0921	1	6	6	6	6.92				
0922	2			12	6.92				
0923	3			18	6.93				
0924	4			24	6.94				
0925	5			30	6.95				
0926	6			36	6.95				
0927	7			42	6.96				
0928	8			48	6.98				
0929	9			54	6.98				
0930	10			60	6.98				
0931	11			66	6.99				
0932	12			72	7.00				
0933	13			78	7.01				
0934	14			84	7.02				
0935	15			90	7.03				
0940	20			120	7.05				
0945	25			150	7.10				
0950	30			180	7.14				
0955	35			210	7.17				
1000	40			240	7.21				
1005	45			270	7.25				
1010	50			300	7.29				
1015	55			330	7.33				
1020	60			360	7.37				

Field Notes:

1030 Offloaded purge water from well 1 + 2 into Baker tank (~385 gls)
1054 DTW = 7.38
1110 DTW = 7.33
1125 DTW = 7.33
1140 DTW = 7.33
1155 DTW = 7.31
1310 DTW = 7.30

Technician DW

Date: 6-4-08

080604-DW-1

Draw Down Pump Test Field Form

Remarks

6 GPM

SAMPLED [ ]
NOT SAMPLED [X]
Scheduled Site Visit [ ]

Start time	1058	End Time	1158

Water Extraction

Well ID	Time (min) Elapsed	Gallons Pumped	Rate gpm	Total Gallons	Depth to Water
3	0:00				5.95
1059	1	6	6	6	5.97
1100	2			12	5.98
1101	3			18	6.00
1102	4			24	6.01
1103	5			30	6.04
1104	6			36	6.06
1105	7			42	6.07
1106	8			48	6.07
1107	9			54	6.08
1108	10			60	6.09
1109	11			66	6.11
1110	12			72	6.13
1111	13			78	6.14
1112	14			84	6.15
1113	15			90	6.15
1118	20			120	6.24
1123	25			150	6.31
1128	30			180	6.39
1133	35			210	6.47
1138	40			240	6.54
1143	45			270	6.62
1148	50			300	6.69
1153	55			330	6.77
1158	60			360	6.81

Field Notes: 1200 offloaded water
1310 DTW = 6.80
1340 DTW = 6.78
1400 DTW = 6.79
1425

Technician DW

Date: 6-4-08

080604-DW1

Draw Down Pump Test Field Form

Remarks

11 GPM

SAMPLED [ ]
NOT SAMPLED [X]
Scheduled Site Visit [ ]

Start time	1315	End Time	1350	

Water Extraction

Depth to Water

Well ID	Time (min) Elapsed	Gallons Pumped	Rate gpm	Total Gallons	Depth to Water
2	0:00				7.30
1316	1	11	11	11	7.38
1317	2			22	7.38
1318	3			33	7.39
1319	4			44	7.39
1320	5			55	7.40
1321	6			66	7.41
1322	7			77	7.42
1323	8			88	7.42
1324	9			99	7.44
1325	10			~~100~~ 110	7.46
1326	11			121	7.48
1327	12			132	7.50
1328	13			143	7.51
1329	14			154	7.53
1330	15			165	7.54
1335	20			220	7.62
1340	25			~~275~~	7.69
1345	30			330	7.76
1350	35			385	7.83
1355	40	off loaded water			
1424	45	0	0		~~6.78~~ 7.82
1445	50	0	0		7.81
1505	55	0	0		7.80
	60				

Field Notes:

Technician DW

Date: 6.4.08

080604-DW-1

Draw Down Pump Test Field Form

Remarks

11 GPM

SAMPLED [ ]
NOT SAMPLED [✓]
Scheduled Site Visit [ ]

Start time	1428	End Time	1503	

Water Extraction

Depth to Water

Well ID	Time (min) Elapsed	Gallons Pumped	Rate gpm	Total Gallons	~~7.82~~ DL ~~6.78~~ 6.78			
~~3~~ 3	0:00							
1429 ~~3~~ 3	1	11	11	11	6.83			
1430	2			22	6.88			
1431	3			33	6.90			
1432	4			44	6.91			
1433	5			55	6.94			
1434	6			66	6.98			
1435	7			77	7.02			
1436	8			88	7.05			
1437	9			99	7.08			
1438	10			110	7.11			
1439	11			121	7.13			
1440	12			132	7.17			
1441	13			143	7.20			
1442	14			154	7.24			
1443	15			165	7.28			
1448	20			~~220~~	7.40			
1453	25			~~275~~ 275	7.53			
1458	30			~~330~~	7.70			
1503	35			385	7.83			
1510	offloaded water ✓							
	45							
	50							
	55							
	60							

Field Notes:

Technician DW

Date: 6-4-08

APPENDIX F

Installation of Monitoring Well MW-6

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 06/27/2008 By jamesy

Permit Numbers: W2008-0390
Permits Valid from 06/27/2008 to 06/27/2008

Application Id: 1214347048141 **City of Project Site:** San Lorenzo
Site Location: 2655 Grant Avenue, San Lorenzo, CA 94541
Oro Loma Sanitary District Office
Project Start Date: 06/27/2008 **Completion Date:** 06/27/2008
Requested Inspection: 06/27/2008
Scheduled Inspection: 06/30/2008 at 8:30 AM (Contact your inspector, NO INSPECTOR ASSIGNED-EMAIL ACPWA AT wells@acpwa.org WHEN COMPLETED or call at (510) 670-6633, to confirm.)

Applicant: The Sutton Group - John R Sutton **Phone:** 925-284-4208
3708 Mt. Diablo Bl #215, Lafayette, CA 94549
Property Owner: Jason Warner **Phone:** 510-276-4700
2655 Grant Avenue, San Lorenzo, CA 94541
Client: ** same as Property Owner **

Total Due: $300.00
Receipt Number: WR2008-0225 **Total Amount Paid:** $300.00
Payer Name : John R Sutton Paid By: VISA **PAID IN FULL**

Works Requesting Permits:

Well Construction-Monitoring-Monitoring - 1 Wells
Driller: Exploration Geoservices - Lic #: 484288 - Method: auger **Work Total: $300.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2008-0390	06/27/2008	09/25/2008	MW6	8.00 in.	2.00 in.	4.00 ft	15.00 ft

Specific Work Permit Conditions

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

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

3. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with

appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

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

6. Minimum surface seal thickness is two inches of cement grout placed by tremie

7. Minimum seal (Neat Cement seal) depth for monitoring wells is 5 feet below ground surface(BGS) or the maximum depth practicable or 20 feet.

8. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

9. No Inspector Assigned to this site.
Applicant shall contact this office by email at wells@acpwa.org and certify in writing that work was completed and according to County Standards within 5 working days after the completion of work.

THE SUTTON GROUP
3708 Mt. Diablo Blvd, Suite 215
Lafayette, CA, 94549
(925) 284-4208

WELL CONSTRUCTION LOG

WELL No. MW-6
Sheet 1 of 1

Project No.	3022.13	Drilling Company	Exploration Geoservices, Inc.
Date Drilled	6/27/2008	Driller	Dave Yeager Lic. No. C57: 484288
Client	Oro Loma Sanitary District	Drill Rig Model	Mobile B61
Site address	2655 Grant Avenue	Drilling Method /Dia.	8"x3¼" Hollow stemmed auger
	San Lorenzo, CA, 94580	Sampling Method	
Boring Location	Engrg. Bldg Pkg. Lot. Loc: 43' from NW cnr, 30' from SW cnr of Engrg. Bldg	Rim Elevation	8.98 Datum: msl
Logged By	John Sutton, CE, GE	Water depth	NF
		Time/Date	drill

DEPTH FEET	SAMPLE #, TYPE	BLOWS / 6 IN./ N	SYMBOL	USCS CLASS	DESCRIPTION	WELL DETAILS	WELL CONSTR-UCTION	DEPTH FEET
0					Asphalt over aggregate base, total thickness 2 ft		COVER	
1						0 - 2'	CEMENT GROUT	
2						2-2½'	BENTON-ITE CHIIPS	
3				GP--GM	FILL, crushed rock to 2" max size, moist, tan color, FILL Slight petroleum odor	3-13' .010" slotted well screen		
4								
5					ORGANIC SANDY SILT (fine), medium dense, very moist,			5
	C25 6-1	4 4 3	7	OL	organic decay odor, slight petroleum odor BAYLAND DEPOSITS (NATIVE)	#2 / 12 sand		
10				CH	FAT CLAY, soft to medium stiff, high plasticity, wet, gray/ black, , slight organic odor, BAY MUD.			10
	C25 6-2	2 2 1	3					
15					Total Depth drilled = 14 ft.			15
					Set 3' blank casing on 10' of 0.010 well screen. #2/12 sand up to 2½'.			
20								20

SAMPLER Type: S = 2" OD SPT; CA = 2" ID California, C25 = 2½ " ID California, ST = Shelby, P = Pitcher Sample

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #3022.13	Date Sampled: 06/27/08
		Date Received: 06/27/08
	Client Contact: John Sutton	Date Reported: 07/07/08
	Client P.O.: #4911	Date Completed: 07/07/08

WorkOrder: 0806800

July 07, 2008

Dear John:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **#3022.13,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0806800 **ClientCode: TSG**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
John Sutton
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549
(925) 944-2856 FAX: 925-284-4189

Email: suttongeo@sbcglobal.net
cc:
PO: #4911
ProjectNo: #3022.13

Bill to:
Accounts Payable
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549

Requested TAT: **5 days**

Date Received: **06/27/2008**
Date Printed: **06/30/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
0806800-001	MW6-1	Soil	6/27/2008 8:30	☐	A											
0806800-002	MW6-2	Soil	6/27/2008 21:00	☐	A											

Test Legend:

1	G-MBTEX_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Samantha Arbuckle

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #3022.13	Date Sampled: 06/27/08
		Date Received: 06/27/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 06/27/08
Lafayette, CA 94549	Client P.O.: #4911	Date Analyzed 06/29/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0806800

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW6-1	S	4800,d1	ND<50	34	250	56	330	1000	90
002A	MW6-2	S	7.8,d1	ND	2.0	0.033	0.46	1.1	1	82

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d1) weakly modified or unmodified gasoline is significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0806800

EPA Method SW8021B/8015Cm	Extraction SW5030B	BatchID: 36594	Spiked Sample ID: 0806765-021A

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	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	96.5	87.4	9.86	103	101	1.86	70 - 130	20	70 - 130	20
MTBE	ND	0.10	101	116	13.2	101	107	5.28	70 - 130	20	70 - 130	20
Benzene	ND	0.10	97.4	97.4	0	97.4	94.2	3.30	70 - 130	20	70 - 130	20
Toluene	ND	0.10	82.4	83.4	1.21	86.6	85.4	1.34	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	96.5	97.4	0.976	97	95.7	1.36	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	95.9	96.8	0.892	96.2	94	2.28	70 - 130	20	70 - 130	20
%SS:	87	0.10	89	81	9.42	88	83	5.99	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 36594 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806800-001A	06/27/08 8:30 AM	06/27/08	06/29/08 6:56 PM	0806800-002A	06/27/08 9:00 PM	06/27/08	06/29/08 7:57 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.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or 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.

WELLHEAD INSPECTION CHECKLIST

Date 07-14-08 Client The Sutton Group

Site Address 2600 Grant Ave San Lorenzo

Job Number 080714-MT2 Technician M. Todi

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-6	X							

NOTES:

WELL GAUGING DATA

Project # 080714-MT2 Date 07-14-08 Client The Sutton Group

Site 2600 Grant Ave, San Lorenzo

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-6	1040	2					5.45	12.77	TOC	

WELL DEVELOPMENT DATA SHEET

Project #: 080714-MT2	Client: The Sutton Group
Developer: M. Todi	Date Developed: 07-14-08
Well I.D. MW-6	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 12.77 After	Depth to Water: Before 5.45 After
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

1.2	X	10	=	12
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump ___
Other equipment used 2" Surge block

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	(ft.) DTW: NOTATIONS:
1043	surged well for 15 min w/ 2" surge block					
1118	Begin Purge w/ PAD Pump.					
1120	21.8	6.69	20.83	>1000	1.2 gal	Grey, silty 9.20
1123	21.3	6.80	20.31	>1000	2.4	grey @ 9.49* - top of pump
1127	20.6	7.67	30.74	>1000	3.6	slightly cleaner 9.49*
1128	Dewatered	DTW: 11.78 (11.30)		pump spitting mostly air very little H2O		

Did Well Dewater? Yes | If yes, note above. | Gallons Actually Evacuated: 3.6

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #080717-MD2; 2600 Grant Ave, San Lorenzo, CA	Date Sampled: 07/17/08
		Date Received: 07/18/08
	Client Contact: John Sutton	Date Reported: 07/24/08
	Client P.O.:	Date Completed: 07/23/08

WorkOrder: 0807467

July 24, 2008

Dear John:

Enclosed within are:

1) The results of the **6** analyzed samples from your project: **#080717-MD2; 2600 Grant Ave, San**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0807467

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS # 080717-MD2

CLIENT: The Sutton Group

SITE: 2600 Grant Ave.
San Lorenzo, CA

LAB: McCampbell | DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ LIA ☐ OTHER ☒ RWQCB

SPECIAL INSTRUCTIONS

Invoice and Report to :The Sutton Group / John Sutton

Sample ID = Field Point Name
Please provide results in EDF format to John Sutton @ suttongeo@sbcglobal.net
Global ID = T0600101928

CONDUCT ANALYSIS TO DETECT

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL		C = COMPOSITE ALL CONTAINERS	TPH-G by 8015	BTEX by 8021	MTBE by 8021					ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
TB	07/17/08	1440	W	2	HCL voas		X	X	X					Trip Blank			
* MW1		1435	W	3	HCL voas		X	X	X					RXN w/HCL			
* MW2		1455	W	3	HCL voas		X	X	X								
* MW3		1515	W	3	HCL voas		X	X	X					RXN w/ HCL			
* MW5		1631	W	3	HCL voas		X	X	X					RXN w/HCL			
* MW6		1551	W	3	HCL voas		X	X	X					RXN w/HCL			

ICE / t° 4.8
GOOD CONDITION ✓ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT ___ PRESERVED IN LAB ___
DECHLORINATED IN LAB ___
PRESERVATION: VOAS | O&G | METALS | OTHER

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
	07/17/08	1645	M. PIERCE

RESULTS NEEDED NO LATER THAN: Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	07/17/08	1732			
Sample Custodian	7/18/08	1325	Derek Carter	7-18-08	1325
Derek Carter	7-18-08	1530		7.18.08	

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0807467 **ClientCode: TSG**

☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
John Sutton
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549
(925) 944-2856 FAX 925-284-4189

Email: suttongeo@sbcglobal.net
cc:
PO:
ProjectNo: #080717-MD2; 2600 Grant Ave, San Lorenzo, CA

Bill to:
Accounts Payable
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549

Requested TAT: 5 days

Date Received: **07/18/2008**
Date Printed: **07/18/2008**

					Requested Tests (See legend below)											
Lab ID	**Client ID**	**Matrix**	**Collection Date**	**Hold**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
0807467-001	TB	Water	7/17/2008 14:40	☐	A	A										
0807467-002	MW1	Water	7/17/2008 14:35	☐	A											
0807467-003	MW2	Water	7/17/2008 14:55	☐	A											
0807467-004	MW3	Water	7/17/2008 15:15	☐	A											
0807467-005	MW5	Water	7/17/2008 16:31	☐	A											
0807467-006	MW6	Water	7/17/2008 15:51	☐	A											

Test Legend:

1	G-MBTEX_W	2	PREDF REPORT	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Ana Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **The Sutton Group** Date and Time Received **7/18/08 5:36:07 PM**

Project Name: **#080717-MD2; 2600 Grant Ave, San Lorenzo, CA** Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **0807467** Matrix Water Carrier: Derik Cartan (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	N ☐
Chain of custody signed when relinquished and received?	Yes ☑	N ☐
Chain of custody agrees with sample labels?	Yes ☑	N ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	N ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	N ☐	
Samples in proper containers/bottles?	Yes ☑	N ☐	
Sample containers intact?	Yes ☑	N ☐	
Sufficient sample volume for indicated test?	Yes ☑	N ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	N ☐	
Container/Temp Blank temperature	Cooler Temp: 6.8°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	N ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	N ☐	NA ☑

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #080717-MD2; 2600 Grant Ave, San Lorenzo, CA	Date Sampled: 07/17/08
		Date Received: 07/18/08
	Client Contact: John Sutton	Date Extracted: 07/19/08-07/23/08
	Client P.O.:	Date Analyzed 07/19/08-07/23/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0807467

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	TB	W	ND	ND	ND	ND	ND	ND	1	111
002A	MW1	W	ND	ND	ND	ND	ND	ND	1	93
003A	MW2	W	ND	ND	ND	ND	ND	ND	1	100
004A	MW3	W	ND	32	ND	ND	ND	ND	1	102
005A	MW5	W	21,000,d1	ND<50	8000	30	560	1600	10	111
006A	MW6	W	110,000,d1	ND<500	9800	14,000	970	6900	100	105

Reporting Limit for DF =1; ND means not detected at or	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d1) weakly modified or unmodified gasoline is significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 37031 WorkOrder: 0807467

EPA Method SW8021B/8015Cm **Extraction SW5030B** **Spiked Sample ID: 0807467-003A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	108	104	3.25	96.1	102	6.15	70 - 130	20	70 - 130	20
MTBE	ND	10	100	97.7	2.77	102	98.1	4.31	70 - 130	20	70 - 130	20
Benzene	ND	10	96.2	97	0.836	96.3	95.6	0.751	70 - 130	20	70 - 130	20
Toluene	ND	10	88.3	89.3	1.05	94.4	96	1.72	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	94.6	95.2	0.596	100	101	0.318	70 - 130	20	70 - 130	20
Xylenes	ND	30	89.8	87.8	2.22	113	113	0	70 - 130	20	70 - 130	20
%SS:	100	10	99	101	2.02	93	94	0.522	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 37031 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807467-001A	07/17/08 2:40 PM	07/19/08	07/19/08 10:14 PM	0807467-002A	07/17/08 2:35 PM	07/23/08	07/23/08 7:50 AM
0807467-003A	07/17/08 2:55 PM	07/22/08	07/22/08 3:26 AM				

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.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or 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, or inconsistency in sample containers.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 37059 WorkOrder: 0807467

EPA Method SW8021B/8015Cm **Extraction SW5030B** **Spiked Sample ID: 0807468-009A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	95.7	98	2.29	85	87.8	3.19	70 - 130	20	70 - 130	20
MTBE	ND	10	102	100	1.33	91.5	96.1	4.86	70 - 130	20	70 - 130	20
Benzene	ND	10	97	97.2	0.199	94.7	88.6	6.61	70 - 130	20	70 - 130	20
Toluene	ND	10	88.2	88.9	0.726	93.8	87	7.45	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	88.6	98.6	10.7	94.2	78.7	17.9	70 - 130	20	70 - 130	20
Xylenes	ND	30	94.6	94	0.671	90.2	82.7	8.59	70 - 130	20	70 - 130	20
%SS:	111	10	96	99	3.50	103	98	5.69	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 37059 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807467-004A	07/17/08 3:15 PM	07/22/08	07/22/08 3:59 AM	0807467-005A	07/17/08 4:31 PM	07/21/08	07/21/08 9:57 PM
0807467-005A	07/17/08 4:31 PM	07/23/08	07/23/08 9:31 AM	0807467-006A	07/17/08 3:51 PM	07/23/08	07/23/08 3:07 AM

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.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or 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, or inconsistency in sample containers.

WELLHEAD INSPECTION CHECKLIST

Date 8/14/08 Client THE SUTTON GROUP

Site Address 2600 GRANT AVE, SAN LORENZO

Job Number 080814-1W-1 Technician 1W

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-6	X							

NOTES:

WELL GAUGING DATA

Project # 080814-IW-1 Date 8/14/08 Client THE SUTTON GROUP

Site 2600 GRANT AVE, SAN LORENZO

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-6	1108	2	ODOR				5.36	12.72	↓	

WELL DEVELOPMENT DATA SHEET

Project #: 080814-IW-1	Client: THE SUTTON GROUP
Developer: IAN WILLIAMS	Date Developed: 8/14/08
Well I.D. MW-6	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: 12.72 Before 12.72 After 12.80	Depth to Water: 5.36 Before 5.36 After 12.17 (12.11 AFTER 15MIN.)
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
(2")	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

1.2	X	10	=	12
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☒ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☐ Positive Air Displacement

Type of Installed Pump _____
Other equipment used _____

TIME	TEMP (F)	pH	Cond. (mS or (µS))	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1120	BEGAN	SURGING	WELL	15 MIN.		
1136	77.6	6.57	16,410	>1000	1.2	STRONG ODOR, GRAY GREEN, SILTY
1138	73.6	6.58	23,340	>1000	2.4	"
1140	71.9	6.58	30,510	>1000	3.6	WATER LEVEL DROPPING
1143	WELL	DEWATERED @	4 gal		4.0	DTW = 12.17
	WAITED	15 MINUTES	TO	DETERMINE	RECHARGE	
1158	DTW = 12.11					

Did Well Dewater? YES | If yes, note above. | Gallons Actually Evacuated: 4.0

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME Oro Loma Sanitary District				PROJECT NUMBER 081014-PC2			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP. C°	INITIALS
Myron Ultrameter	6209575	10/14/08 1315	4.0 pH 7.0 10.0 3900 µS	4.31 pH 7.09 10.62 3901 µS	Y "	21.8 21.5	PC "

WELLHEAD INSPECTION CHECKLIST

Date 10/14/08 Client Sutton Group

Site Address Oro Loma Sanitary District San Lorenzo

Job Number 081014-RC2 Technician P. Cornish, J. Ortiz

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW1	X							
MW2	X			X				
MW5	/							
MW3	X							
MW6	X							

NOTES:

WELL GAUGING DATA

Project # 081014-PC2 Date 10/14/08 Client Sutton Group

Site Oro Loma Sanitary District, San Lorenzo

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: (TOB) or TOC	Notes
MW1	1307	2					7.52	12.48	TOB	
MW2	1311	2					7.40	15.33		
MW3	1309	2					7.39	15.86		
MW5	1255	2					5.73	13.69		
MW6	1259	2					6.06	13.32	↓	

LL MONITORING DATA SH. T

Project #: 051014-PC2	Client: Stetson Group
Sampler: PC, JD	Date: 10/14/08
Well I.D.: MW6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 13.32	Depth to Water (DTW): 6.06
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.51	

Purge Method: Bailer / (Disposable Bailer) / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Dedicated Tubing / Other: _____

1.2 (Gals.) X	3	= 3.6 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1344	22.7	6.97	10.91	>1000	1.2	grey
1348	22.5	6.88	20.93	>1000	2.4	
1352	21.5	6.88	34.46	>1000	3.6	
1355	well dewatered @ 3.8 gals				DTW: 11.60 @ 1425	

Did well dewater? (Yes) No Gallons actually evacuated: 3.8

Sampling Date: 10/14/08 Sampling Time: 1448 Depth to Water: 11.60 site depart

Sample I.D.: MW6 Laboratory: Kiff CalScience Other McCampbell

Analyzed for: ~~TPH-G BTEX MTBE~~ TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group 3708 Mt. Diablo Blvd, Ste. 215 Lafayette, CA 94549	Client Project ID: #081014-DC2	Date Sampled: 10/14/08
		Date Received: 10/15/08
	Client Contact: John Sutton	Date Reported: 10/20/08
	Client P.O.:	Date Completed: 10/17/08

WorkOrder: 0810346

October 20, 2008

Dear John:

Enclosed within are:

1) The results of the **4** analyzed samples from your project: **#081014-DC2,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0810346

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS # 081014-DC2

CLIENT: The Sutton Group

SITE: 2600 Grant Ave.
San Lorenzo, CA

CONDUCT ANALYSIS TO DETECT

LAB: McCampbell | DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ LIA ☐ OTHER ☒ RWQCB

SPECIAL INSTRUCTIONS

Invoice and Report to :The Sutton Group / John Sutton
Sample ID = Field Point Name
Please provide results in EDF format to John Sutton @ suttongeo@sbcglobal.net
Global ID = T0600101928

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL		C = COMPOSITE ALL CONTAINERS	TPH-G by 8015	BTEX by 8021	MTBE by 8021	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
TB	10/14/08	-	W	2	HCL voas		X	X	X	Trip Blank			
MW3	10/14/08	1430	W	3	HCL voas		X	X	X				
MW5	10/14/08	1450	W	3	HCL voas		X	X	X				
MW6	10/14/08	1440	W	3	HCL voas		X	X	X				

ICE / t° 6.6
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT ____ CONTAINERS ____
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____
PRESERVATION ____ VOAS | O & G | METALS | OTHER

SAMPLING COMPLETED: DATE 10/14/08 TIME
SAMPLING PERFORMED BY: D. Cornish

RESULTS NEEDED NO LATER THAN: Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	10/14/08	1535		10/14/08	1535
(BTS)	10/15/08	1315		10/15/08	13:15
	10/15/08	14:40		10/15/08	

SHIPPED VIA | DATE SENT | TIME SENT | COOLER #

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0810346 **ClientCode: TSG**

☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
John Sutton
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549
(925) 944-2856 FAX 925-284-4189

Email: suttongeo@sbcglobal.net
cc:
PO:
ProjectNo: #081014-DC2

Bill to:
Accounts Payable
The Sutton Group
3708 Mt. Diablo Blvd, Ste. 215
Lafayette, CA 94549

Requested TAT: 5 days

Date Received: **10/15/2008**
Date Printed: **10/15/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0810346-001	TB	Water	10/14/2008	☐	A	A										
0810346-002	MW3	Water	10/14/2008 14:30	☐	A											
0810346-003	MW5	Water	10/14/2008 14:50	☐	A											
0810346-004	MW6	Water	10/14/2008 14:40	☐	A											

Test Legend:

1	G-MBTEX_W	2	PREDF REPORT	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Ana Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **The Sutton Group**
Date and Time Received: **10/15/08 3:45:59 PM**

Project Name: **#081014-DC2**
Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **0810346** Matrix Water
Carrier: Derik Cartan (MAI Courier)

Chain of Custody (COC) Information

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 ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 6.6°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

The Sutton Group	Client Project ID: #081014-DC2	Date Sampled: 10/14/08
		Date Received: 10/15/08
3708 Mt. Diablo Blvd, Ste. 215	Client Contact: John Sutton	Date Extracted: 10/16/08
Lafayette, CA 94549	Client P.O.:	Date Analyzed 10/16/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0810346

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	TB	W	ND	ND	ND	ND	ND	ND	1	91
002A	MW3	W	ND	34	ND	ND	ND	ND	1	90
003A	MW5	W	23,000,d1	ND<100	6700	65	580	2000	20	93
004A	MW6	W	31,000,d1	ND<250	5600	4300	170	3600	50	89

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d1) weakly modified or unmodified gasoline is significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 38883 WorkOrder: 0810346

EPA Method SW8021B/8015Cm **Extraction SW5030B** **Spiked Sample ID: 0810321-007A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	87.5	94.7	7.90	108	108	0	70 - 130	20	70 - 130	20
MTBE	ND	10	81.2	85.1	4.72	84.6	81.3	3.90	70 - 130	20	70 - 130	20
Benzene	ND	10	89.2	94.9	6.20	85.3	83.9	1.63	70 - 130	20	70 - 130	20
Toluene	ND	10	79.6	84.3	5.80	83.6	82.1	1.83	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	88.3	93.7	6.00	85.3	84.1	1.49	70 - 130	20	70 - 130	20
Xylenes	ND	30	84.6	92.2	8.55	83.6	82.4	1.43	70 - 130	20	70 - 130	20
%SS:	98	10	99	99	0	99	98	1.13	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 38883 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0810346-001A	10/14/08	10/16/08	10/16/08 1:02 PM	0810346-002A	10/14/08 2:30 PM	10/16/08	10/16/08 6:06 PM
0810346-003A	10/14/08 2:50 PM	10/16/08	10/16/08 4:59 PM	0810346-004A	10/14/08 2:40 PM	10/16/08	10/16/08 5:33 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.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

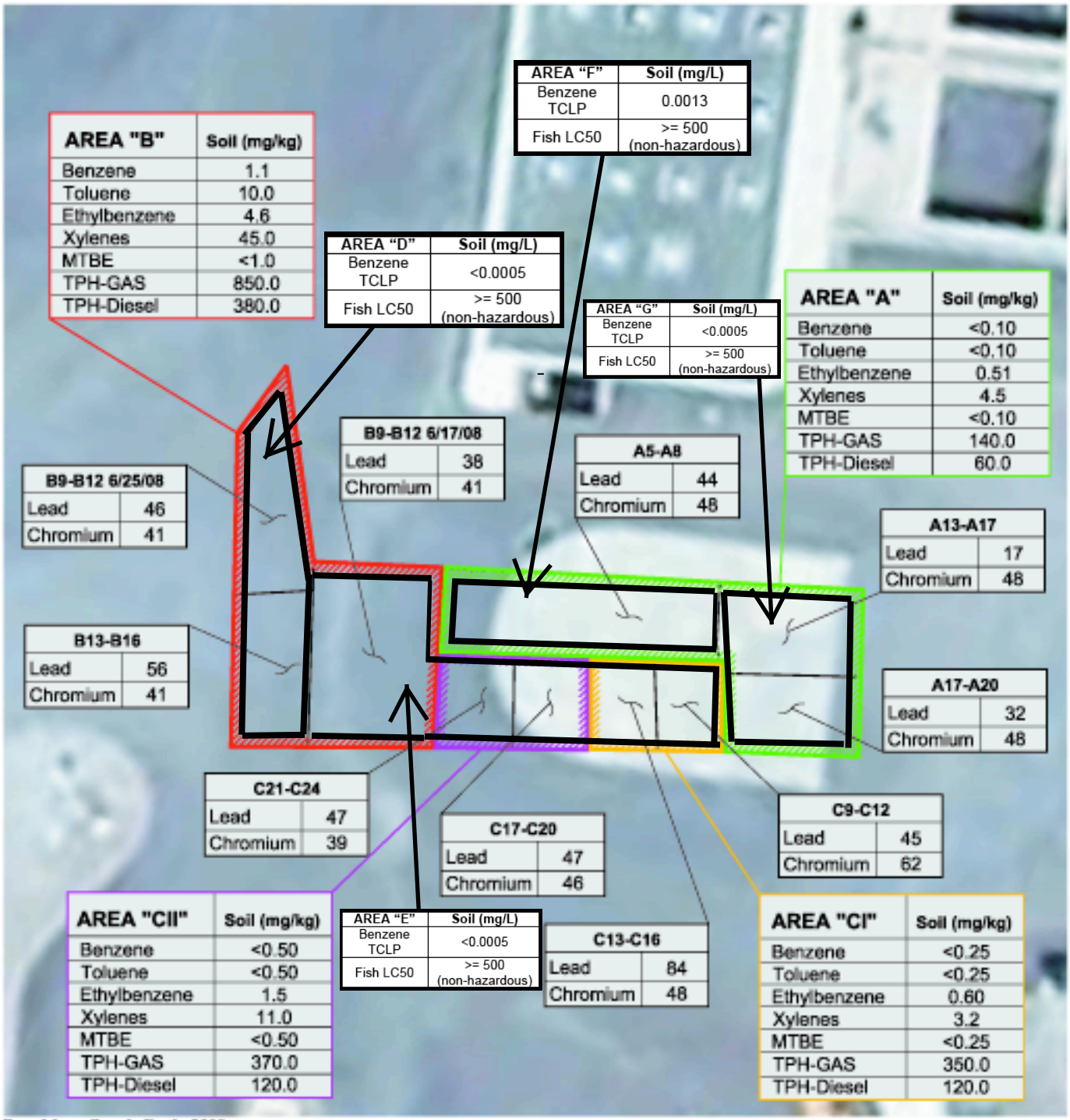
NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

APPENDIX G

Soil Stockpile Sampling

and

Analytical Results



Base Map: Google Earth, 2008.

EXPLANATION

- Area "A"
- Area "CI"
- Area "CII"
- Area "B"

0 10 20 Feet

Approximate Scale

Note: All concentrations are in mg/kg unless otherwise noted

ORO LOMA SANITARY DISTRICT
2655 GRANT AVENUE
San Lorenzo, California

THE SUTTON GROUP
3708 Mount Diablo Blvd, Suite 215
Lafayette , CA , 94549

Project CA 1905-1 Date: 08/17/2008

SOILS SEGREGATION ANALYTICAL RESULTS

Figure: 1

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District 2655 Grant Avenue San Lorenzo, CA 94580	Client Project ID: #CA 1905-1; Oro Loma Former UST	Date Sampled: 06/10/08
		Date Received: 06/10/08
	Client Contact: Jason Warner	Date Reported: 06/12/08
	Client P.O.:	Date Completed: 06/12/08

WorkOrder: 0806250

June 12, 2008

Dear Jason:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **#CA 1905-1; Oro Loma Former UST,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0806250

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

RUSH

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAY
GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐
☐ Check if sample is effluent and "J" flag is required

Report To:	Bill To: Oro Loma Sanitary District
Company: Oro Loma Sanitary District, 2655 Grant Avenue San Lorenzo, CA	Attn: Jason Warner ⇗ suttonge@sbcglobal.net
Tele: (510) 435-8270	E-Mail: bloox@ceresassociates.com
Project #: CA 1905-1	Fax: ( )
Project Location: San Lorenzo	Project Name: Oro Loma Former UST
Sampler Signature:	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other	Comments
BL	6/10/08	6f					X																									
A-01		6/10/08		1	gl		X				X				X	X									X	X		X				Filter Samples for Metals analysis: Yes / No
A-02		6/10/08		1	gl		X				X				X	X									X	X		X				
A-03		6/10/08		1	gl		X				X				X	X									X	X		X				
A-04		6/10/08		1	gl		X				X				X	X									X	X		X				
B-01		6/10/08		1	gl		X				X				X	X									X	X		X				
B-02		6/10/08		1	gl		X				X				X	X									X	X		X				
B-03		6/10/08		1	gl		X				X				X	X									X	X		X				
B-04		6/10/08		1	gl		X				X				X	X									X	X		X				

Composite

Composite

Relinquished By:	Date: 6/10/08	Time: 16:00	Received By:
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 10.8°C
GOOD CONDITION V
HEAD SPACE ABSENT NA
DECHLORINATED IN LAB NA
APPROPRIATE CONTAINERS V
PRESERVED IN LAB NA

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

COMMENTS:
gl = 40z glass

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0806250 **ClientCode: OLD**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jason Warner
Oro Loma Sanitary District
2655 Grant Avenue
San Lorenzo, CA 94580
(510) 435-8270 FAX

Email: suttongeo@sbcglobal.net
cc: bloox@ceresassociates.com
PO:
ProjectNo: #CA 1905-1; Oro Loma Former UST

Bill to:
Jason Warner
Oro Loma Sanitary District
2655 Grant Avenue
San Lorenzo, CA 94580

Requested TAT: 3 days

Date Received: **06/10/2008**
Date Printed: **06/11/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0806250-001	A-01,02,03,04	Solid	6/10/2008	☐	A	A	A	A	A							
0806250-002	B-01,02,03,04	Solid	6/10/2008	☐	A	A	A	A	A							

Test Legend:

1	8260B_S	2	8270D_S	3	CAM17MS_S	4	G-MBTEX_S	5	TPH(D)_S
6		7		8		9		10	
11		12							

Prepared by: Samantha Arbuckle

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1905-1; Oro Loma Former UST	Date Sampled: 06/10/08
		Date Received: 06/10/08
2655 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 06/10/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 06/12/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0806250

Lab ID	0806250-001A
Client ID	A-01,02,03,04
Matrix	Solid

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<1.0	20	0.05	tert-Amyl methyl ether (TAME)	ND<0.10	20	0.005
Benzene	ND<0.10	20	0.005	Bromobenzene	ND<0.10	20	0.005
Bromochloromethane	ND<0.10	20	0.005	Bromodichloromethane	ND<0.10	20	0.005
Bromoform	ND<0.10	20	0.005	Bromomethane	ND<0.10	20	0.005
2-Butanone (MEK)	ND<0.40	20	0.02	t-Butyl alcohol (TBA)	ND<1.0	20	0.05
n-Butyl benzene	ND<0.10	20	0.005	sec-Butyl benzene	0.16	20	0.005
tert-Butyl benzene	ND<0.10	20	0.005	Carbon Disulfide	ND<0.10	20	0.005
Carbon Tetrachloride	ND<0.10	20	0.005	Chlorobenzene	ND<0.10	20	0.005
Chloroethane	ND<0.10	20	0.005	Chloroform	ND<0.10	20	0.005
Chloromethane	ND<0.10	20	0.005	2-Chlorotoluene	ND<0.10	20	0.005
4-Chlorotoluene	ND<0.10	20	0.005	Dibromochloromethane	ND<0.10	20	0.005
1,2-Dibromo-3-chloropropane	ND<0.080	20	0.004	1,2-Dibromoethane (EDB)	ND<0.080	20	0.004
Dibromomethane	ND<0.10	20	0.005	1,2-Dichlorobenzene	ND<0.10	20	0.005
1,3-Dichlorobenzene	ND<0.10	20	0.005	1,4-Dichlorobenzene	ND<0.10	20	0.005
Dichlorodifluoromethane	ND<0.10	20	0.005	1,1-Dichloroethane	ND<0.10	20	0.005
1,2-Dichloroethane (1,2-DCA)	ND<0.080	20	0.004	1,1-Dichloroethene	ND<0.10	20	0.005
cis-1,2-Dichloroethene	ND<0.10	20	0.005	trans-1,2-Dichloroethene	ND<0.10	20	0.005
1,2-Dichloropropane	ND<0.10	20	0.005	1,3-Dichloropropane	ND<0.10	20	0.005
2,2-Dichloropropane	ND<0.10	20	0.005	1,1-Dichloropropene	ND<0.10	20	0.005
cis-1,3-Dichloropropene	ND<0.10	20	0.005	trans-1,3-Dichloropropene	ND<0.10	20	0.005
Diisopropyl ether (DIPE)	ND<0.10	20	0.005	Ethylbenzene	0.51	20	0.005
Ethyl tert-butyl ether (ETBE)	ND<0.10	20	0.005	Freon 113	ND<2.0	20	0.1
Hexachlorobutadiene	ND<0.10	20	0.005	Hexachloroethane	ND<0.10	20	0.005
2-Hexanone	ND<0.10	20	0.005	Isopropylbenzene	0.15	20	0.005
4-Isopropyl toluene	ND<0.10	20	0.005	Methyl-t-butyl ether (MTBE)	ND<0.10	20	0.005
Methylene chloride	ND<0.10	20	0.005	4-Methyl-2-pentanone (MIBK)	ND<0.10	20	0.005
Naphthalene	1.1	20	0.005	n-Propyl benzene	0.58	20	0.005
Styrene	ND<0.10	20	0.005	1,1,1,2-Tetrachloroethane	ND<0.10	20	0.005
1,1,2,2-Tetrachloroethane	ND<0.10	20	0.005	Tetrachloroethene	ND<0.10	20	0.005
Toluene	ND<0.10	20	0.005	1,2,3-Trichlorobenzene	ND<0.10	20	0.005
1,2,4-Trichlorobenzene	ND<0.10	20	0.005	1,1,1-Trichloroethane	ND<0.10	20	0.005
1,1,2-Trichloroethane	ND<0.10	20	0.005	Trichloroethene	ND<0.10	20	0.005
Trichlorofluoromethane	ND<0.10	20	0.005	1,2,3-Trichloropropane	ND<0.10	20	0.005
1,2,4-Trimethylbenzene	3.9	20	0.005	1,3,5-Trimethylbenzene	2.8	20	0.005
Vinyl Chloride	ND<0.10	20	0.005	Xylenes	4.5	20	0.005

Surrogate Recoveries (%)

%SS1:	107	%SS2:	99
%SS3:	92		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1905-1; Oro Loma Former UST	Date Sampled: 06/10/08
		Date Received: 06/10/08
2655 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 06/10/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 06/12/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0806250

Lab ID	0806250-002A
Client ID	B-01,02,03,04
Matrix	Solid

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<10	200	0.05	tert-Amyl methyl ether (TAME)	ND<1.0	200	0.005
Benzene	1.1	200	0.005	Bromobenzene	ND<1.0	200	0.005
Bromochloromethane	ND<1.0	200	0.005	Bromodichloromethane	ND<1.0	200	0.005
Bromoform	ND<1.0	200	0.005	Bromomethane	ND<1.0	200	0.005
2-Butanone (MEK)	ND<4.0	200	0.02	t-Butyl alcohol (TBA)	ND<10	200	0.05
n-Butyl benzene	ND<1.0	200	0.005	sec-Butyl benzene	ND<1.0	200	0.005
tert-Butyl benzene	ND<1.0	200	0.005	Carbon Disulfide	ND<1.0	200	0.005
Carbon Tetrachloride	ND<1.0	200	0.005	Chlorobenzene	ND<1.0	200	0.005
Chloroethane	ND<1.0	200	0.005	Chloroform	ND<1.0	200	0.005
Chloromethane	ND<1.0	200	0.005	2-Chlorotoluene	ND<1.0	200	0.005
4-Chlorotoluene	ND<1.0	200	0.005	Dibromochloromethane	ND<1.0	200	0.005
1,2-Dibromo-3-chloropropane	ND<0.80	200	0.004	1,2-Dibromoethane (EDB)	ND<0.80	200	0.004
Dibromomethane	ND<1.0	200	0.005	1,2-Dichlorobenzene	ND<1.0	200	0.005
1,3-Dichlorobenzene	ND<1.0	200	0.005	1,4-Dichlorobenzene	ND<1.0	200	0.005
Dichlorodifluoromethane	ND<1.0	200	0.005	1,1-Dichloroethane	ND<1.0	200	0.005
1,2-Dichloroethane (1,2-DCA)	ND<0.80	200	0.004	1,1-Dichloroethene	ND<1.0	200	0.005
cis-1,2-Dichloroethene	ND<1.0	200	0.005	trans-1,2-Dichloroethene	ND<1.0	200	0.005
1,2-Dichloropropane	ND<1.0	200	0.005	1,3-Dichloropropane	ND<1.0	200	0.005
2,2-Dichloropropane	ND<1.0	200	0.005	1,1-Dichloropropene	ND<1.0	200	0.005
cis-1,3-Dichloropropene	ND<1.0	200	0.005	trans-1,3-Dichloropropene	ND<1.0	200	0.005
Diisopropyl ether (DIPE)	ND<1.0	200	0.005	Ethylbenzene	4.6	200	0.005
Ethyl tert-butyl ether (ETBE)	ND<1.0	200	0.005	Freon 113	ND<20	200	0.1
Hexachlorobutadiene	ND<1.0	200	0.005	Hexachloroethane	ND<1.0	200	0.005
2-Hexanone	ND<1.0	200	0.005	Isopropylbenzene	ND<1.0	200	0.005
4-Isopropyl toluene	ND<1.0	200	0.005	Methyl-t-butyl ether (MTBE)	ND<1.0	200	0.005
Methylene chloride	ND<1.0	200	0.005	4-Methyl-2-pentanone (MIBK)	ND<1.0	200	0.005
Naphthalene	8.4	200	0.005	n-Propyl benzene	2.7	200	0.005
Styrene	ND<1.0	200	0.005	1,1,1,2-Tetrachloroethane	ND<1.0	200	0.005
1,1,2,2-Tetrachloroethane	ND<1.0	200	0.005	Tetrachloroethene	ND<1.0	200	0.005
Toluene	10	200	0.005	1,2,3-Trichlorobenzene	ND<1.0	200	0.005
1,2,4-Trichlorobenzene	ND<1.0	200	0.005	1,1,1-Trichloroethane	ND<1.0	200	0.005
1,1,2-Trichloroethane	ND<1.0	200	0.005	Trichloroethene	ND<1.0	200	0.005
Trichlorofluoromethane	ND<1.0	200	0.005	1,2,3-Trichloropropane	ND<1.0	200	0.005
1,2,4-Trimethylbenzene	23	200	0.005	1,3,5-Trimethylbenzene	22	200	0.005
Vinyl Chloride	ND<1.0	200	0.005	Xylenes	45	200	0.005

Surrogate Recoveries (%)

%SS1:	100	%SS2:	97
%SS3:	94		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1905-1; Oro Loma Former UST	Date Sampled: 06/10/08
		Date Received: 06/10/08
2655 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 06/10/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 06/11/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0806250

Lab ID	0806250-001A
Client ID	A-01,02,03,04
Matrix	Solid

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<1.6	5.0	0.33	Acenaphthylene	ND<1.6	5.0	0.33
Acetochlor	ND<1.6	5.0	0.33	Anthracene	ND<1.6	5.0	0.33
Benzidine	ND<8.0	5.0	1.6	Benzoic Acid	ND<8.0	5.0	1.6
Benzo(a)anthracene	ND<1.6	5.0	0.33	Benzo(b)fluoranthene	ND<1.6	5.0	0.33
Benzo(k)fluoranthene	ND<1.6	5.0	0.33	Benzo(g,h,i)perylene	ND<1.6	5.0	0.33
Benzo(a)pyrene	ND<1.6	5.0	0.33	Benzyl Alcohol	ND<8.0	5.0	1.6
1,1-Biphenyl	ND<1.6	5.0	0.33	Bis (2-chloroethoxy) Methane	ND<1.6	5.0	0.33
Bis (2-chloroethyl) Ether	ND<1.6	5.0	0.33	Bis (2-chloroisopropyl) Ether	ND<1.6	5.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<1.6	5.0	0.33	4-Bromophenyl Phenyl Ether	ND<1.6	5.0	0.33
Butylbenzyl Phthalate	ND<1.6	5.0	0.33	4-Chloroaniline	ND<3.3	5.0	0.66
4-Chloro-3-methylphenol	ND<1.6	5.0	0.33	2-Chloronaphthalene	ND<1.6	5.0	0.33
2-Chlorophenol	ND<1.6	5.0	0.33	4-Chlorophenyl Phenyl Ether	ND<1.6	5.0	0.33
Chrysene	ND<1.6	5.0	0.33	Dibenzo(a,h)anthracene	ND<1.6	5.0	0.33
Dibenzofuran	ND<1.6	5.0	0.33	Di-n-butyl Phthalate	ND<1.6	5.0	0.33
1,2-Dichlorobenzene	ND<1.6	5.0	0.33	1,3-Dichlorobenzene	ND<1.6	5.0	0.33
1,4-Dichlorobenzene	ND<1.6	5.0	0.33	3,3-Dichlorobenzidine	ND<3.3	5.0	0.66
2,4-Dichlorophenol	ND<1.6	5.0	0.33	Diethyl Phthalate	ND<1.6	5.0	0.33
2,4-Dimethylphenol	ND<1.6	5.0	0.33	Dimethyl Phthalate	ND<1.6	5.0	0.33
4,6-Dinitro-2-methylphenol	ND<8.0	5.0	1.6	2,4-Dinitrophenol	ND<8.0	5.0	1.6
2,4-Dinitrotoluene	ND<1.6	5.0	0.33	2,6-Dinitrotoluene	ND<1.6	5.0	0.33
Di-n-octyl Phthalate	ND<1.6	5.0	0.33	1,2-Diphenylhydrazine	ND<1.6	5.0	0.33
Fluoranthene	ND<1.6	5.0	0.33	Fluorene	ND<1.6	5.0	0.33
Hexachlorobenzene	ND<1.6	5.0	0.33	Hexachlorobutadiene	ND<1.6	5.0	0.33
Hexachlorocyclopentadiene	ND<8.0	5.0	1.6	Hexachloroethane	ND<1.6	5.0	0.33
Indeno (1,2,3-cd) pyrene	ND<1.6	5.0	0.33	Isophorone	ND<1.6	5.0	0.33
2-Methylnaphthalene	ND<1.6	5.0	0.33	2-Methylphenol (o-Cresol)	ND<1.6	5.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<1.6	5.0	0.33	Naphthalene	ND<1.6	5.0	0.33
2-Nitroaniline	ND<8.0	5.0	1.6	3-Nitroaniline	ND<8.0	5.0	1.6
4-Nitroaniline	ND<8.0	5.0	1.6	Nitrobenzene	ND<1.6	5.0	0.33
2-Nitrophenol	ND<8.0	5.0	1.6	4-Nitrophenol	ND<8.0	5.0	1.6
N-Nitrosodiphenylamine	ND<1.6	5.0	0.33	N-Nitrosodi-n-propylamine	ND<1.6	5.0	0.33
Pentachlorophenol	ND<8.0	5.0	1.6	Phenanthrene	ND<1.6	5.0	0.33
Phenol	ND<1.6	5.0	0.33	Pyrene	ND<1.6	5.0	0.33
1,2,4-Trichlorobenzene	ND<1.6	5.0	0.33	2,4,5-Trichlorophenol	ND<1.6	5.0	0.33
2,4,6-Trichlorophenol	ND<1.6	5.0	0.33				

Surrogate Recoveries (%)

%SS1:	90	%SS2:	56
%SS3:	80	%SS4:	83
%SS5:	81	%SS6:	75

Comments: ¡

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit raised due to insufficient sample amount; m) reporting limit raised due to matrix interference; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1905-1; Oro Loma Former UST	Date Sampled: 06/10/08
		Date Received: 06/10/08
2655 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 06/10/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 06/11/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0806250

Lab ID	0806250-002A
Client ID	B-01,02,03,04
Matrix	Solid

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<1.6	5.0	0.33	Acenaphthylene	ND<1.6	5.0	0.33
Acetochlor	ND<1.6	5.0	0.33	Anthracene	ND<1.6	5.0	0.33
Benzidine	ND<8.0	5.0	1.6	Benzoic Acid	ND<8.0	5.0	1.6
Benzo(a)anthracene	ND<1.6	5.0	0.33	Benzo(b)fluoranthene	ND<1.6	5.0	0.33
Benzo(k)fluoranthene	ND<1.6	5.0	0.33	Benzo(g,h,i)perylene	ND<1.6	5.0	0.33
Benzo(a)pyrene	ND<1.6	5.0	0.33	Benzyl Alcohol	ND<8.0	5.0	1.6
1,1-Biphenyl	ND<1.6	5.0	0.33	Bis (2-chloroethoxy) Methane	ND<1.6	5.0	0.33
Bis (2-chloroethyl) Ether	ND<1.6	5.0	0.33	Bis (2-chloroisopropyl) Ether	ND<1.6	5.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<1.6	5.0	0.33	4-Bromophenyl Phenyl Ether	ND<1.6	5.0	0.33
Butylbenzyl Phthalate	ND<1.6	5.0	0.33	4-Chloroaniline	ND<3.3	5.0	0.66
4-Chloro-3-methylphenol	ND<1.6	5.0	0.33	2-Chloronaphthalene	ND<1.6	5.0	0.33
2-Chlorophenol	ND<1.6	5.0	0.33	4-Chlorophenyl Phenyl Ether	ND<1.6	5.0	0.33
Chrysene	ND<1.6	5.0	0.33	Dibenzo(a,h)anthracene	ND<1.6	5.0	0.33
Dibenzofuran	ND<1.6	5.0	0.33	Di-n-butyl Phthalate	ND<1.6	5.0	0.33
1,2-Dichlorobenzene	ND<1.6	5.0	0.33	1,3-Dichlorobenzene	ND<1.6	5.0	0.33
1,4-Dichlorobenzene	ND<1.6	5.0	0.33	3,3-Dichlorobenzidine	ND<3.3	5.0	0.66
2,4-Dichlorophenol	ND<1.6	5.0	0.33	Diethyl Phthalate	ND<1.6	5.0	0.33
2,4-Dimethylphenol	ND<1.6	5.0	0.33	Dimethyl Phthalate	ND<1.6	5.0	0.33
4,6-Dinitro-2-methylphenol	ND<8.0	5.0	1.6	2,4-Dinitrophenol	ND<8.0	5.0	1.6
2,4-Dinitrotoluene	ND<1.6	5.0	0.33	2,6-Dinitrotoluene	ND<1.6	5.0	0.33
Di-n-octyl Phthalate	ND<1.6	5.0	0.33	1,2-Diphenylhydrazine	ND<1.6	5.0	0.33
Fluoranthene	ND<1.6	5.0	0.33	Fluorene	ND<1.6	5.0	0.33
Hexachlorobenzene	ND<1.6	5.0	0.33	Hexachlorobutadiene	ND<1.6	5.0	0.33
Hexachlorocyclopentadiene	ND<8.0	5.0	1.6	Hexachloroethane	ND<1.6	5.0	0.33
Indeno (1,2,3-cd) pyrene	ND<1.6	5.0	0.33	Isophorone	ND<1.6	5.0	0.33
2-Methylnaphthalene	3.2	5.0	0.33	2-Methylphenol (o-Cresol)	ND<1.6	5.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<1.6	5.0	0.33	Naphthalene	2.0	5.0	0.33
2-Nitroaniline	ND<8.0	5.0	1.6	3-Nitroaniline	ND<8.0	5.0	1.6
4-Nitroaniline	ND<8.0	5.0	1.6	Nitrobenzene	ND<1.6	5.0	0.33
2-Nitrophenol	ND<8.0	5.0	1.6	4-Nitrophenol	ND<8.0	5.0	1.6
N-Nitrosodiphenylamine	ND<1.6	5.0	0.33	N-Nitrosodi-n-propylamine	ND<1.6	5.0	0.33
Pentachlorophenol	ND<8.0	5.0	1.6	Phenanthrene	ND<1.6	5.0	0.33
Phenol	ND<1.6	5.0	0.33	Pyrene	ND<1.6	5.0	0.33
1,2,4-Trichlorobenzene	ND<1.6	5.0	0.33	2,4,5-Trichlorophenol	ND<1.6	5.0	0.33
2,4,6-Trichlorophenol	ND<1.6	5.0	0.33				

Surrogate Recoveries (%)

%SS1:	88	%SS2:	78
%SS3:	79	%SS4:	84
%SS5:	86	%SS6:	75

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit raised due to insufficient sample amount; m) reporting limit raised due to matrix interference; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1905-1; Oro Loma Former UST	Date Sampled: 06/10/08
		Date Received 06/10/08
2655 Grant Avenue	Client Contact: Jason Warner	Date Extracted 06/10/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 06/12/08

CAM / CCR 17 Metals*

					Reporting Limit for DF =1; ND means not detected above the reporting limit	
Lab ID	0806250-001A	0806250-002A				
Client ID	A-01,02,03,04	B-01,02,03,04				
Matrix	S	S			S	W
Extraction Type	TOTAL	TOTAL			mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0806250

Dilution Factor	1	1			1	1
Antimony	ND	ND			0.5	NA
Arsenic	6.9	4.3			0.5	NA
Barium	110	130			5.0	NA
Beryllium	ND	ND			0.5	NA
Cadmium	0.29	ND			0.25	NA
Chromium	48	41			0.5	NA
Cobalt	13	9.6			0.5	NA
Copper	46	37			0.5	NA
Lead	120	54			0.5	NA
Mercury	0.20	0.077			0.05	NA
Molybdenum	ND	ND			0.5	NA
Nickel	38	40			0.5	NA
Selenium	ND	ND			0.5	NA
Silver	ND	ND			0.5	NA
Thallium	ND	ND			0.5	NA
Vanadium	55	38			0.5	NA
Zinc	100	64			5.0	NA
%SS:	96	99				

Comments					

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; J) analyte detected below quantitation limits; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1905-1; Oro Loma Former UST	Date Sampled: 06/10/08
2655 Grant Avenue		Date Received: 06/10/08
San Lorenzo, CA 94580	Client Contact: Jason Warner	Date Extracted: 06/10/08
	Client P.O.:	Date Analyzed 06/11/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0806250

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	A-01,02,03,04	S	140,b,m	ND<0.50	ND<0.050	0.74	0.44	4.0	10	102
002A	B-01,02,03,04	S	850,b,m	ND<5.0	1.2	10	3.9	36	100	108

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	1	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high organic / MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1905-1; Oro Loma Former UST	Date Sampled: 06/10/08
2655 Grant Avenue		Date Received: 06/10/08
San Lorenzo, CA 94580	Client Contact: Jason Warner	Date Extracted: 06/10/08
	Client P.O.:	Date Analyzed 06/11/08

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3550C Analytical methods: SW8015C Work Order: 0806250

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0806250-001A	A-01,02,03,04	S	60,d	2	118
0806250-002A	B-01,02,03,04	S	380,d	5	119

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) results are reported on a dry weight basis.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0806250

EPA Method SW8260B **Extraction SW5030B** **BatchID: 36188** **Spiked Sample ID: 0806235-006A**

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	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	92.1	94	2.13	102	102	0	60 - 130	30	60 - 130	30
Benzene	ND	0.050	113	114	0.653	98.8	98.2	0.629	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	106	101	4.84	98.8	91.9	7.15	60 - 130	30	60 - 130	30
Chlorobenzene	ND	0.050	105	120	13.9	97.8	96.6	1.29	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	91.2	122	28.5	107	107	0	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	104	104	0	106	105	1.55	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	105	106	1.26	102	101	0.568	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	108	110	1.79	104	103	0.631	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	102	103	0.601	108	106	1.67	60 - 130	30	60 - 130	30
Toluene	ND	0.050	98.2	106	7.57	95.6	94.8	0.873	60 - 130	30	60 - 130	30
Trichloroethene	ND	0.050	118	116	1.13	107	106	1.47	60 - 130	30	60 - 130	30
%SS1:	98	0.12	98	100	2.55	99	99	0	70 - 130	30	70 - 130	30
%SS2:	104	0.12	95	108	12.9	98	97	0.337	70 - 130	30	70 - 130	30
%SS3:	103	0.12	97	101	3.36	100	99	0.744	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 36188 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806250-001A	06/10/08	06/10/08	06/12/08 1:25 AM	0806250-002A	06/10/08	06/10/08	06/12/08 2:03 AM

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 enough sample to perform matrix spike and matrix spike duplicate.

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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0806250

EPA Method SW8270C	Extraction SW3550C	BatchID: 36090	Spiked Sample ID: 0806092-001A

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	RPD	LCS/LCSD	RPD
Acenaphthene	ND<33	2	103	95	8.08	68.9	72.9	5.69	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND<33	4	84.5	69.5	19.5	57	63.9	11.4	30 - 130	30	30 - 130	30
2-Chlorophenol	ND<33	4	65	63.5	2.33	76	76	0	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND<33	2	81	78	3.77	71.7	72.1	0.640	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND<33	2	NR	NR	NR	61.8	70.2	12.6	30 - 130	30	30 - 130	30
4-Nitrophenol	ND<160	4	NR	NR	NR	40.6	42.9	5.55	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND<33	2	NR	NR	NR	64	62.5	2.34	30 - 130	30	30 - 130	30
Pentachlorophenol	ND<160	4	NR	NR	NR	36.6	33.8	7.99	30 - 130	30	30 - 130	30
Phenol	ND<33	4	78	63	21.3	66.6	67.7	1.59	30 - 130	30	30 - 130	30
Pyrene	ND<33	2	NR	NR	NR	77.1	78.3	1.56	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND<33	2	84	70	18.2	77.3	87.2	12.0	30 - 130	30	30 - 130	30
%SS1:	75	200	73	74	1.91	77	78	1.78	30 - 130	30	30 - 130	30
%SS2:	56	200	64	60	6.71	77	77	0	30 - 130	30	30 - 130	30
%SS3:	77	200	74	57	26.5	76	88	14.0	30 - 130	30	30 - 130	30
%SS4:	93	200	95	84	11.5	77	75	2.94	30 - 130	30	30 - 130	30
%SS5:	---#	200	---#	---#	---#	63	72	13.8	30 - 130	30	30 - 130	30
%SS6:	103	200	101	106	4.36	79	80	0.656	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 36090 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806250-001A	06/10/08	06/10/08	06/11/08 9:27 AM	0806250-002A	06/10/08	06/10/08	06/11/08 12:03 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 enough sample to perform matrix spike and matrix spike duplicate.

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.

#) surrogate diluted out of range; & = low or no recovery of surrogate or target analytes due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0806250

EPA Method 6020A **Extraction SW3050B** **BatchID: 36186** **Spiked Sample ID 0806232-007A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	24	50	108	113	3.04	10	104	103	0.970	70 - 130	20	80 - 120	20
Arsenic	81	50	90.9	101	3.79	10	103	103	0	70 - 130	20	80 - 120	20
Barium	31	500	101	104	3.13	100	101	100	0.596	70 - 130	20	80 - 120	20
Beryllium	ND	50	94.6	96	1.43	10	103	102	1.56	70 - 130	20	80 - 120	20
Cadmium	0.32	50	95.2	96.8	1.70	10	99.4	98.2	1.26	70 - 130	20	80 - 120	20
Chromium	190	50	NR	NR	NR	10	108	107	0.836	70 - 130	20	80 - 120	20
Cobalt	68	50	95.9	102	2.46	10	100	98.6	1.49	70 - 130	20	80 - 120	20
Copper	910	50	NR	NR	NR	10	108	107	0.279	70 - 130	20	80 - 120	20
Lead	110	50	101	113	3.72	10	100	99.4	0.632	70 - 130	20	80 - 120	20
Mercury	0.11	1.25	95.6	99.8	3.99	0.25	99.4	97.8	1.49	70 - 130	20	80 - 120	20
Molybdenum	10	50	98.1	102	2.88	10	103	101	1.47	70 - 130	20	80 - 120	20
Nickel	310	50	NR	NR	NR	10	94.9	94.8	0.0422	70 - 130	20	80 - 120	20
Selenium	ND	50	89.8	92	2.35	10	103	102	1.07	70 - 130	20	80 - 120	20
Silver	ND	50	103	105	1.86	10	97.5	97.2	0.360	70 - 130	20	80 - 120	20
Thallium	ND	50	99.8	103	2.82	10	96	96.4	0.395	70 - 130	20	80 - 120	20
Vanadium	11	50	101	105	3.85	10	108	106	1.12	70 - 130	20	80 - 120	20
Zinc	140	500	110	109	1.13	100	101	102	0.394	70 - 130	20	80 - 120	20
%SS:	105	250	105	109	4.42	250	100	101	1.24	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 36186 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806250-001A	06/10/08	06/10/08	06/12/08 4:03 PM	0806250-001A	06/10/08	06/10/08	06/12/08 4:20 PM
0806250-002A	06/10/08	06/10/08	06/12/08 4:28 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.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0806250

EPA Method SW8021B/8015Cm	Extraction SW5030B	BatchID: 36193	Spiked Sample ID: 0806291-001A

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	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	107	104	3.39	103	101	1.67	70 - 130	20	70 - 130	20
MTBE	ND	0.10	103	97	5.66	98.3	96.2	2.15	70 - 130	20	70 - 130	20
Benzene	ND	0.10	92.9	92.6	0.283	99.5	95.8	3.83	70 - 130	20	70 - 130	20
Toluene	ND	0.10	83.1	82.5	0.723	87.8	86	2.08	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	93.3	93.1	0.259	97.5	96.5	1.06	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	93.3	92.1	1.35	96.4	93.4	3.17	70 - 130	20	70 - 130	20
%SS:	93	0.10	91	93	2.51	93	97	3.56	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 36193 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806250-001A	06/10/08	06/10/08	06/11/08 5:38 PM	0806250-002A	06/10/08	06/10/08	06/11/08 5:03 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.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or 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 ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0806250

EPA Method SW8015C	Extraction SW3550C	BatchID: 36187	Spiked Sample ID: 0806232-007A

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	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	20	127	126	0.296	105	104	1.13	70 - 130	30	70 - 130	30
%SS:	102	50	118	119	0.988	107	105	1.87	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 36187 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806250-001A	06/10/08	06/10/08	06/11/08 3:49 AM	0806250-002A	06/10/08	06/10/08	06/11/08 12:24 AM

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 enough sample to perform matrix spike and matrix spike duplicate.

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 ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist. 2600 Grant Avenue San Lorenzo, CA 94580	Client Project ID: CA 1905-1; Oro Loma Excavation, San Lorenzo	Date Sampled: 06/11/08
		Date Received: 06/11/08
	Client Contact: Jason Warner	Date Reported: 06/13/08
	Client P.O.:	Date Completed: 06/13/08

WorkOrder: 0806290

June 13, 2008

Dear Jason:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **CA 1905-1; Oro Loma Excavation, Sa**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0806290

RUSH

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Jason Warner Bill To: Same
Company: OroLoma Sanitary District
2655 Grant Avenue
San Lorenzo, CA
E-Mail: suttongeo@sbcglobal.net; blowx@ceresassociates.com
Tele: (510) 435-8270 Fax: ( )
Project #: CA 1905-1 Project Name: OroLoma Excavation
Project Location: San Lorenzo
Sampler Signature: BRP

Comments: Filter Samples for Metals analysis: Yes / No

SAMPLE ID	LOCATION/ Field Point Name	Sampling Date	Sampling Time	# Containers	Type Containers	Matrix: Water	Matrix: Soil	Matrix: Air	Matrix: Sludge	Matrix: Other	Preserved: ICE	Preserved: HCL	Preserved: HNO_3	Preserved: Other
C-1		6/11/08		1	gl		X				X			
C-2		6/11/08		1	gl		X				X			
C-3		6/11/08		1	gl		X				X			
C-4		6/11/08		1	gl		X				X			
C-5		6/11/08		1	gl		X				X			
C-6		6/11/08		1	gl		X				X			
C-7		6/11/08		1	gl		X				X			
C-8		6/11/08		1	gl		X				X			

Analysis Request

SAMPLE ID	BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)
C-1	X	X									X	X		X		
C-2	X	X									X	X		X		
C-3	X	X									X	X		X		
C-4	X	X									X	X		X		
C-5	X	X									X	X		X		
C-6	X	X									X	X		X		
C-7	X	X									X	X		X		
C-8	X	X									X	X		X		

Relinquished By:	Date:	Time:	Received By:
BRP	6/11/08	1442	[signature]

ICE/t° 2.2
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

VOAS O&G METALS OTHER
PRESERVATION pH<2

COMMENTS: gl = 4oz glass jar

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0806290 **ClientCode: OLSD**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jason Warner
Oro Loma Sani. Dist.
2600 Grant Avenue
San Lorenzo, CA 94580

(510) 435-8270 FAX 510-278-7382

Email: suttongeo@sbcglobal.net
cc:
PO:
ProjectNo: CA 1905-1; Oro Loma Excavation, San Lorenzo

Bill to:
Accounts Payable
Oro Loma Sani. Dist.
2600 Grant Avenue
San Lorenzo, CA 94580

Requested TAT: 2 days

Date Received: **06/11/2008**
Date Printed: **06/11/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0806290-001	C-1,2,3,4	Soil	6/11/2008	☐	A	A	A	A	A							
0806290-002	C-5,6,7,8	Soil	6/11/2008	☐	A	A	A	A	A							

Test Legend:

1	8260B_S	2	8270D_S	3	CAM17MS_S	4	G-MBTEX_S	5	TPH(D)_S
6		7		8		9		10	
11		12							

Prepared by: Ana Venegas

Comments: 48hr rush

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Oro Loma Sani. Dist.** Date and Time Received: **06/11/08 2:49:56 PM**

Project Name: **CA 1905-1; Oro Loma Excavation, San Lorenzo** Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **0806290** Matrix Soil Carrier: Client Drop-In

Chain of Custody (COC) Information

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 ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 7.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist.	Client Project ID: CA 1905-1; Oro Loma Excavation, San Lorenzo	Date Sampled: 06/11/08
		Date Received: 06/11/08
2600 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 06/11/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 06/12/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0806290

Lab ID	0806290-001A
Client ID	C-1,2,3,4
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<2.5	50	0.05	tert-Amyl methyl ether (TAME)	ND<0.25	50	0.005
Benzene	ND<0.25	50	0.005	Bromobenzene	ND<0.25	50	0.005
Bromochloromethane	ND<0.25	50	0.005	Bromodichloromethane	ND<0.25	50	0.005
Bromoform	ND<0.25	50	0.005	Bromomethane	ND<0.25	50	0.005
2-Butanone (MEK)	ND<1.0	50	0.02	t-Butyl alcohol (TBA)	ND<2.5	50	0.05
n-Butyl benzene	ND<0.25	50	0.005	sec-Butyl benzene	ND<0.25	50	0.005
tert-Butyl benzene	ND<0.25	50	0.005	Carbon Disulfide	ND<0.25	50	0.005
Carbon Tetrachloride	ND<0.25	50	0.005	Chlorobenzene	ND<0.25	50	0.005
Chloroethane	ND<0.25	50	0.005	Chloroform	ND<0.25	50	0.005
Chloromethane	ND<0.25	50	0.005	2-Chlorotoluene	ND<0.25	50	0.005
4-Chlorotoluene	ND<0.25	50	0.005	Dibromochloromethane	ND<0.25	50	0.005
1,2-Dibromo-3-chloropropane	ND<0.20	50	0.004	1,2-Dibromoethane (EDB)	ND<0.20	50	0.004
Dibromomethane	ND<0.25	50	0.005	1,2-Dichlorobenzene	ND<0.25	50	0.005
1,3-Dichlorobenzene	ND<0.25	50	0.005	1,4-Dichlorobenzene	ND<0.25	50	0.005
Dichlorodifluoromethane	ND<0.25	50	0.005	1,1-Dichloroethane	ND<0.25	50	0.005
1,2-Dichloroethane (1,2-DCA)	ND<0.20	50	0.004	1,1-Dichloroethene	ND<0.25	50	0.005
cis-1,2-Dichloroethene	ND<0.25	50	0.005	trans-1,2-Dichloroethene	ND<0.25	50	0.005
1,2-Dichloropropane	ND<0.25	50	0.005	1,3-Dichloropropane	ND<0.25	50	0.005
2,2-Dichloropropane	ND<0.25	50	0.005	1,1-Dichloropropene	ND<0.25	50	0.005
cis-1,3-Dichloropropene	ND<0.25	50	0.005	trans-1,3-Dichloropropene	ND<0.25	50	0.005
Diisopropyl ether (DIPE)	ND<0.25	50	0.005	Ethylbenzene	0.60	50	0.005
Ethyl tert-butyl ether (ETBE)	ND<0.25	50	0.005	Freon 113	ND<5.0	50	0.1
Hexachlorobutadiene	ND<0.25	50	0.005	Hexachloroethane	ND<0.25	50	0.005
2-Hexanone	ND<0.25	50	0.005	Isopropylbenzene	0.28	50	0.005
4-Isopropyl toluene	ND<0.25	50	0.005	Methyl-t-butyl ether (MTBE)	ND<0.25	50	0.005
Methylene chloride	ND<0.25	50	0.005	4-Methyl-2-pentanone (MIBK)	ND<0.25	50	0.005
Naphthalene	2.8	50	0.005	n-Propyl benzene	0.93	50	0.005
Styrene	ND<0.25	50	0.005	1,1,1,2-Tetrachloroethane	ND<0.25	50	0.005
1,1,2,2-Tetrachloroethane	ND<0.25	50	0.005	Tetrachloroethene	ND<0.25	50	0.005
Toluene	ND<0.25	50	0.005	1,2,3-Trichlorobenzene	ND<0.25	50	0.005
1,2,4-Trichlorobenzene	ND<0.25	50	0.005	1,1,1-Trichloroethane	ND<0.25	50	0.005
1,1,2-Trichloroethane	ND<0.25	50	0.005	Trichloroethene	ND<0.25	50	0.005
Trichlorofluoromethane	ND<0.25	50	0.005	1,2,3-Trichloropropane	ND<0.25	50	0.005
1,2,4-Trimethylbenzene	3.4	50	0.005	1,3,5-Trimethylbenzene	8.6	50	0.005
Vinyl Chloride	ND<0.25	50	0.005	Xylenes	3.2	50	0.005

Surrogate Recoveries (%)

%SS1:	100	%SS2:	104
%SS3:	92		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist.	Client Project ID: CA 1905-1; Oro Loma Excavation, San Lorenzo	Date Sampled: 06/11/08
		Date Received: 06/11/08
2600 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 06/11/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 06/12/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0806290

Lab ID	0806290-002A
Client ID	C-5,6,7,8
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<5.0	100	0.05	tert-Amyl methyl ether (TAME)	ND<0.50	100	0.005
Benzene	ND<0.50	100	0.005	Bromobenzene	ND<0.50	100	0.005
Bromochloromethane	ND<0.50	100	0.005	Bromodichloromethane	ND<0.50	100	0.005
Bromoform	ND<0.50	100	0.005	Bromomethane	ND<0.50	100	0.005
2-Butanone (MEK)	ND<2.0	100	0.02	t-Butyl alcohol (TBA)	ND<5.0	100	0.05
n-Butyl benzene	ND<0.50	100	0.005	sec-Butyl benzene	ND<0.50	100	0.005
tert-Butyl benzene	ND<0.50	100	0.005	Carbon Disulfide	ND<0.50	100	0.005
Carbon Tetrachloride	ND<0.50	100	0.005	Chlorobenzene	ND<0.50	100	0.005
Chloroethane	ND<0.50	100	0.005	Chloroform	ND<0.50	100	0.005
Chloromethane	ND<0.50	100	0.005	2-Chlorotoluene	ND<0.50	100	0.005
4-Chlorotoluene	ND<0.50	100	0.005	Dibromochloromethane	ND<0.50	100	0.005
1,2-Dibromo-3-chloropropane	ND<0.40	100	0.004	1,2-Dibromoethane (EDB)	ND<0.40	100	0.004
Dibromomethane	ND<0.50	100	0.005	1,2-Dichlorobenzene	ND<0.50	100	0.005
1,3-Dichlorobenzene	ND<0.50	100	0.005	1,4-Dichlorobenzene	ND<0.50	100	0.005
Dichlorodifluoromethane	ND<0.50	100	0.005	1,1-Dichloroethane	ND<0.50	100	0.005
1,2-Dichloroethane (1,2-DCA)	ND<0.40	100	0.004	1,1-Dichloroethene	ND<0.50	100	0.005
cis-1,2-Dichloroethene	ND<0.50	100	0.005	trans-1,2-Dichloroethene	ND<0.50	100	0.005
1,2-Dichloropropane	ND<0.50	100	0.005	1,3-Dichloropropane	ND<0.50	100	0.005
2,2-Dichloropropane	ND<0.50	100	0.005	1,1-Dichloropropene	ND<0.50	100	0.005
cis-1,3-Dichloropropene	ND<0.50	100	0.005	trans-1,3-Dichloropropene	ND<0.50	100	0.005
Diisopropyl ether (DIPE)	ND<0.50	100	0.005	Ethylbenzene	1.5	100	0.005
Ethyl tert-butyl ether (ETBE)	ND<0.50	100	0.005	Freon 113	ND<10	100	0.1
Hexachlorobutadiene	ND<0.50	100	0.005	Hexachloroethane	ND<0.50	100	0.005
2-Hexanone	ND<0.50	100	0.005	Isopropylbenzene	ND<0.50	100	0.005
4-Isopropyl toluene	ND<0.50	100	0.005	Methyl-t-butyl ether (MTBE)	ND<0.50	100	0.005
Methylene chloride	ND<0.50	100	0.005	4-Methyl-2-pentanone (MIBK)	ND<0.50	100	0.005
Naphthalene	1.6	100	0.005	n-Propyl benzene	1.3	100	0.005
Styrene	ND<0.50	100	0.005	1,1,1,2-Tetrachloroethane	ND<0.50	100	0.005
1,1,2,2-Tetrachloroethane	ND<0.50	100	0.005	Tetrachloroethene	ND<0.50	100	0.005
Toluene	ND<0.50	100	0.005	1,2,3-Trichlorobenzene	ND<0.50	100	0.005
1,2,4-Trichlorobenzene	ND<0.50	100	0.005	1,1,1-Trichloroethane	ND<0.50	100	0.005
1,1,2-Trichloroethane	ND<0.50	100	0.005	Trichloroethene	ND<0.50	100	0.005
Trichlorofluoromethane	ND<0.50	100	0.005	1,2,3-Trichloropropane	ND<0.50	100	0.005
1,2,4-Trimethylbenzene	8.6	100	0.005	1,3,5-Trimethylbenzene	4.5	100	0.005
Vinyl Chloride	ND<0.50	100	0.005	Xylenes	11	100	0.005

Surrogate Recoveries (%)

%SS1:	98	%SS2:	104
%SS3:	87		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist.	Client Project ID: CA 1905-1; Oro Loma Excavation, San Lorenzo	Date Sampled: 06/11/08
		Date Received: 06/11/08
2600 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 06/11/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 06/13/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0806290

Lab ID	0806290-001A
Client ID	C-1,2,3,4
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<0.66	2.0	0.33	Acenaphthylene	ND<0.66	2.0	0.33
Acetochlor	ND<0.66	2.0	0.33	Anthracene	ND<0.66	2.0	0.33
Benzidine	ND<3.2	2.0	1.6	Benzoic Acid	ND<3.2	2.0	1.6
Benzo(a)anthracene	ND<0.66	2.0	0.33	Benzo(b)fluoranthene	ND<0.66	2.0	0.33
Benzo(k)fluoranthene	ND<0.66	2.0	0.33	Benzo(g,h,i)perylene	ND<0.66	2.0	0.33
Benzo(a)pyrene	ND<0.66	2.0	0.33	Benzyl Alcohol	ND<3.2	2.0	1.6
1,1-Biphenyl	ND<0.66	2.0	0.33	Bis (2-chloroethoxy) Methane	ND<0.66	2.0	0.33
Bis (2-chloroethyl) Ether	ND<0.66	2.0	0.33	Bis (2-chloroisopropyl) Ether	ND<0.66	2.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<0.66	2.0	0.33	4-Bromophenyl Phenyl Ether	ND<0.66	2.0	0.33
Butylbenzyl Phthalate	ND<0.66	2.0	0.33	4-Chloroaniline	ND<1.3	2.0	0.66
4-Chloro-3-methylphenol	ND<0.66	2.0	0.33	2-Chloronaphthalene	ND<0.66	2.0	0.33
2-Chlorophenol	ND<0.66	2.0	0.33	4-Chlorophenyl Phenyl Ether	ND<0.66	2.0	0.33
Chrysene	ND<0.66	2.0	0.33	Dibenzo(a,h)anthracene	ND<0.66	2.0	0.33
Dibenzofuran	ND<0.66	2.0	0.33	Di-n-butyl Phthalate	ND<0.66	2.0	0.33
1,2-Dichlorobenzene	ND<0.66	2.0	0.33	1,3-Dichlorobenzene	ND<0.66	2.0	0.33
1,4-Dichlorobenzene	ND<0.66	2.0	0.33	3,3-Dichlorobenzidine	ND<1.3	2.0	0.66
2,4-Dichlorophenol	ND<0.66	2.0	0.33	Diethyl Phthalate	ND<0.66	2.0	0.33
2,4-Dimethylphenol	ND<0.66	2.0	0.33	Dimethyl Phthalate	ND<0.66	2.0	0.33
4,6-Dinitro-2-methylphenol	ND<3.2	2.0	1.6	2,4-Dinitrophenol	ND<3.2	2.0	1.6
2,4-Dinitrotoluene	ND<0.66	2.0	0.33	2,6-Dinitrotoluene	ND<0.66	2.0	0.33
Di-n-octyl Phthalate	ND<0.66	2.0	0.33	1,2-Diphenylhydrazine	ND<0.66	2.0	0.33
Fluoranthene	ND<0.66	2.0	0.33	Fluorene	ND<0.66	2.0	0.33
Hexachlorobenzene	ND<0.66	2.0	0.33	Hexachlorobutadiene	ND<0.66	2.0	0.33
Hexachlorocyclopentadiene	ND<3.2	2.0	1.6	Hexachloroethane	ND<0.66	2.0	0.33
Indeno (1,2,3-cd) pyrene	ND<0.66	2.0	0.33	Isophorone	ND<0.66	2.0	0.33
2-Methylnaphthalene	2.5	2.0	0.33	2-Methylphenol (o-Cresol)	ND<0.66	2.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<0.66	2.0	0.33	Naphthalene	2.4	2.0	0.33
2-Nitroaniline	ND<3.2	2.0	1.6	3-Nitroaniline	ND<3.2	2.0	1.6
4-Nitroaniline	ND<3.2	2.0	1.6	Nitrobenzene	ND<0.66	2.0	0.33
2-Nitrophenol	ND<3.2	2.0	1.6	4-Nitrophenol	ND<3.2	2.0	1.6
N-Nitrosodiphenylamine	ND<0.66	2.0	0.33	N-Nitrosodi-n-propylamine	ND<0.66	2.0	0.33
Pentachlorophenol	ND<3.2	2.0	1.6	Phenanthrene	ND<0.66	2.0	0.33
Phenol	ND<0.66	2.0	0.33	Pyrene	ND<0.66	2.0	0.33
1,2,4-Trichlorobenzene	ND<0.66	2.0	0.33	2,4,5-Trichlorophenol	ND<0.66	2.0	0.33
2,4,6-Trichlorophenol	ND<0.66	2.0	0.33				

Surrogate Recoveries (%)

%SS1:	65	%SS2:	65
%SS3:	69	%SS4:	79
%SS5:	75	%SS6:	72

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit raised due to insufficient sample amount; m) reporting limit raised due to matrix interference; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist.	Client Project ID: CA 1905-1; Oro Loma Excavation, San Lorenzo	Date Sampled: 06/11/08
		Date Received: 06/11/08
2600 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 06/11/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 06/13/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0806290

Lab ID	0806290-002A
Client ID	C-5,6,7,8
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<0.66	2.0	0.33	Acenaphthylene	ND<0.66	2.0	0.33
Acetochlor	ND<0.66	2.0	0.33	Anthracene	ND<0.66	2.0	0.33
Benzidine	ND<3.2	2.0	1.6	Benzoic Acid	ND<3.2	2.0	1.6
Benzo(a)anthracene	ND<0.66	2.0	0.33	Benzo(b)fluoranthene	ND<0.66	2.0	0.33
Benzo(k)fluoranthene	ND<0.66	2.0	0.33	Benzo(g,h,i)perylene	ND<0.66	2.0	0.33
Benzo(a)pyrene	ND<0.66	2.0	0.33	Benzyl Alcohol	ND<3.2	2.0	1.6
1,1-Biphenyl	ND<0.66	2.0	0.33	Bis (2-chloroethoxy) Methane	ND<0.66	2.0	0.33
Bis (2-chloroethyl) Ether	ND<0.66	2.0	0.33	Bis (2-chloroisopropyl) Ether	ND<0.66	2.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<0.66	2.0	0.33	4-Bromophenyl Phenyl Ether	ND<0.66	2.0	0.33
Butylbenzyl Phthalate	ND<0.66	2.0	0.33	4-Chloroaniline	ND<1.3	2.0	0.66
4-Chloro-3-methylphenol	ND<0.66	2.0	0.33	2-Chloronaphthalene	ND<0.66	2.0	0.33
2-Chlorophenol	ND<0.66	2.0	0.33	4-Chlorophenyl Phenyl Ether	ND<0.66	2.0	0.33
Chrysene	ND<0.66	2.0	0.33	Dibenzo(a,h)anthracene	ND<0.66	2.0	0.33
Dibenzofuran	ND<0.66	2.0	0.33	Di-n-butyl Phthalate	ND<0.66	2.0	0.33
1,2-Dichlorobenzene	ND<0.66	2.0	0.33	1,3-Dichlorobenzene	ND<0.66	2.0	0.33
1,4-Dichlorobenzene	ND<0.66	2.0	0.33	3,3-Dichlorobenzidine	ND<1.3	2.0	0.66
2,4-Dichlorophenol	ND<0.66	2.0	0.33	Diethyl Phthalate	ND<0.66	2.0	0.33
2,4-Dimethylphenol	ND<0.66	2.0	0.33	Dimethyl Phthalate	ND<0.66	2.0	0.33
4,6-Dinitro-2-methylphenol	ND<3.2	2.0	1.6	2,4-Dinitrophenol	ND<3.2	2.0	1.6
2,4-Dinitrotoluene	ND<0.66	2.0	0.33	2,6-Dinitrotoluene	ND<0.66	2.0	0.33
Di-n-octyl Phthalate	ND<0.66	2.0	0.33	1,2-Diphenylhydrazine	ND<0.66	2.0	0.33
Fluoranthene	ND<0.66	2.0	0.33	Fluorene	ND<0.66	2.0	0.33
Hexachlorobenzene	ND<0.66	2.0	0.33	Hexachlorobutadiene	ND<0.66	2.0	0.33
Hexachlorocyclopentadiene	ND<3.2	2.0	1.6	Hexachloroethane	ND<0.66	2.0	0.33
Indeno (1,2,3-cd) pyrene	ND<0.66	2.0	0.33	Isophorone	ND<0.66	2.0	0.33
2-Methylnaphthalene	2.3	2.0	0.33	2-Methylphenol (o-Cresol)	ND<0.66	2.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<0.66	2.0	0.33	Naphthalene	1.5	2.0	0.33
2-Nitroaniline	ND<3.2	2.0	1.6	3-Nitroaniline	ND<3.2	2.0	1.6
4-Nitroaniline	ND<3.2	2.0	1.6	Nitrobenzene	ND<0.66	2.0	0.33
2-Nitrophenol	ND<3.2	2.0	1.6	4-Nitrophenol	ND<3.2	2.0	1.6
N-Nitrosodiphenylamine	ND<0.66	2.0	0.33	N-Nitrosodi-n-propylamine	ND<0.66	2.0	0.33
Pentachlorophenol	ND<3.2	2.0	1.6	Phenanthrene	ND<0.66	2.0	0.33
Phenol	ND<0.66	2.0	0.33	Pyrene	ND<0.66	2.0	0.33
1,2,4-Trichlorobenzene	ND<0.66	2.0	0.33	2,4,5-Trichlorophenol	ND<0.66	2.0	0.33
2,4,6-Trichlorophenol	ND<0.66	2.0	0.33				

Surrogate Recoveries (%)

%SS1:	69	%SS2:	73
%SS3:	80	%SS4:	79
%SS5:	83	%SS6:	80

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit raised due to insufficient sample amount; m) reporting limit raised due to matrix interference; r) results are reported on a dry weight basis.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist.	Client Project ID: CA 1905-1; Oro Loma Excavation, San Lorenzo	Date Sampled: 06/11/08
		Date Received 06/11/08
2600 Grant Avenue	Client Contact: Jason Warner	Date Extracted 06/11/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 06/11/08-06/12/08

CAM / CCR 17 Metals*

Lab ID	0806290-001A	0806290-002A			Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	C-1,2,3,4	C-5,6,7,8				
Matrix	S	S			S	W
Extraction Type	TOTAL	TOTAL			mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0806290

Dilution Factor	1	1			1	1
Antimony	ND	ND			0.5	NA
Arsenic	4.5	4.5			0.5	NA
Barium	120	130			5.0	NA
Beryllium	ND	ND			0.5	NA
Cadmium	ND	ND			0.25	NA
Chromium	69	58			0.5	NA
Cobalt	14	15			0.5	NA
Copper	58	97			0.5	NA
Lead	190	47			0.5	NA
Mercury	0.095	0.090			0.05	NA
Molybdenum	ND	ND			0.5	NA
Nickel	47	48			0.5	NA
Selenium	ND	ND			0.5	NA
Silver	ND	ND			0.5	NA
Thallium	ND	ND			0.5	NA
Vanadium	49	48			0.5	NA
Zinc	75	72			5.0	NA
%SS:	115	113				

Comments					

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TOTAL metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; J) analyte detected below quantitation limits; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist.	Client Project ID: CA 1905-1; Oro Loma Excavation, San Lorenzo	Date Sampled: 06/11/08
2600 Grant Avenue		Date Received: 06/11/08
San Lorenzo, CA 94580	Client Contact: Jason Warner	Date Extracted: 06/11/08
	Client P.O.:	Date Analyzed 06/11/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0806290

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	C-1,2,3,4	S	350,b,m	ND<2.0	ND<0.20	1.6	0.47	3.4	40	122
002A	C-5,6,7,8	S	370,b,m	ND<2.0	ND<0.20	2.6	1.2	8.1	40	---#

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	1	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high organic / MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist.	Client Project ID: CA 1905-1; Oro Loma Excavation, San Lorenzo	Date Sampled: 06/11/08
2600 Grant Avenue		Date Received: 06/11/08
San Lorenzo, CA 94580	Client Contact: Jason Warner	Date Extracted: 06/11/08
	Client P.O.:	Date Analyzed 06/11/08-06/12/08

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3550C Analytical methods: SW8015C Work Order: 0806290

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0806290-001A	C-1,2,3,4	S	120,d	1	110
0806290-002A	C-5,6,7,8	S	120,d	1	112

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) results are reported on a dry weight basis.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0806290

EPA Method SW8260B **Extraction SW5030B** **BatchID: 36188** **Spiked Sample ID: 0806235-006A**

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	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	92.1	94	2.13	102	102	0	60 - 130	30	60 - 130	30
Benzene	ND	0.050	113	114	0.653	98.8	98.2	0.629	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	106	101	4.84	98.8	91.9	7.15	60 - 130	30	60 - 130	30
Chlorobenzene	ND	0.050	105	120	13.9	97.8	96.6	1.29	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	91.2	122	28.5	107	107	0	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	104	104	0	106	105	1.55	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	105	106	1.26	102	101	0.568	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	108	110	1.79	104	103	0.631	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	102	103	0.601	108	106	1.67	60 - 130	30	60 - 130	30
Toluene	ND	0.050	98.2	106	7.57	95.6	94.8	0.873	60 - 130	30	60 - 130	30
Trichloroethene	ND	0.050	118	116	1.13	107	106	1.47	60 - 130	30	60 - 130	30
%SS1:	98	0.12	98	100	2.55	99	99	0	70 - 130	30	70 - 130	30
%SS2:	104	0.12	95	108	12.9	98	97	0.337	70 - 130	30	70 - 130	30
%SS3:	103	0.12	97	101	3.36	100	99	0.744	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 36188 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806290-001A	06/11/08	06/11/08	06/12/08 1:15 PM	0806290-002A	06/11/08	06/11/08	06/12/08 1:59 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 enough sample to perform matrix spike and matrix spike duplicate.

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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0806290

EPA Method SW8021B/8015Cm	Extraction SW5030B	BatchID: 36193	Spiked Sample ID: 0806291-001A

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	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	107	104	3.39	103	101	1.67	70 - 130	20	70 - 130	20
MTBE	ND	0.10	103	97	5.66	98.3	96.2	2.15	70 - 130	20	70 - 130	20
Benzene	ND	0.10	92.9	92.6	0.283	99.5	95.8	3.83	70 - 130	20	70 - 130	20
Toluene	ND	0.10	83.1	82.5	0.723	87.8	86	2.08	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	93.3	93.1	0.259	97.5	96.5	1.06	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	93.3	92.1	1.35	96.4	93.4	3.17	70 - 130	20	70 - 130	20
%SS:	93	0.10	91	93	2.51	93	97	3.56	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 36193 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806290-001A	06/11/08	06/11/08	06/11/08 6:12 PM	0806290-002A	06/11/08	06/11/08	06/11/08 6:47 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.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or 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.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0806290

EPA Method SW8270C	Extraction SW3550C				BatchID: 36231			Spiked Sample ID: 0806290-002A			
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	RPD	LCS/LCSD	RPD
Acenaphthene	ND<0.66	2	70.2	67.9	3.30	75.7	75.3	0.464	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND<0.66	4	76.2	75.3	1.25	76	70.8	7.13	30 - 130	30	30 - 130	30
2-Chlorophenol	ND<0.66	4	64.5	65	0.896	80.1	79.5	0.840	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND<0.66	2	68.7	68.3	0.526	76.3	76.9	0.783	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND<0.66	2	71.9	71.2	1.01	63.8	61.8	3.14	30 - 130	30	30 - 130	30
4-Nitrophenol	ND<3.2	4	89.8	83	7.85	68	69.5	2.14	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND<0.66	2	66.6	66.6	0	92	92	0	30 - 130	30	30 - 130	30
Pentachlorophenol	ND<3.2	4	63.5	62.1	2.21	42.2	39.8	5.78	30 - 130	30	30 - 130	30
Phenol	ND<0.66	4	59.7	58.3	2.29	82.8	81.2	1.99	30 - 130	30	30 - 130	30
Pyrene	ND<0.66	2	81.7	82.8	1.36	72.5	70.9	2.26	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND<0.66	2	80	79.7	0.476	64.2	62.2	3.07	30 - 130	30	30 - 130	30
%SS1:	69	200	70	69	2.00	94	94	0	30 - 130	30	30 - 130	30
%SS2:	73	200	72	71	0.587	102	100	2.02	30 - 130	30	30 - 130	30
%SS3:	80	200	76	76	0	88	86	2.38	30 - 130	30	30 - 130	30
%SS4:	79	200	79	79	0	87	88	1.59	30 - 130	30	30 - 130	30
%SS5:	83	200	84	82	2.33	106	101	4.54	30 - 130	30	30 - 130	30
%SS6:	80	200	83	77	7.55	83	81	2.14	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 36231 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806290-001A	06/11/08	06/11/08	06/13/08 5:46 AM	0806290-002A	06/11/08	06/11/08	06/13/08 1:53 AM

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 enough sample to perform matrix spike and matrix spike duplicate.

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.

#) surrogate diluted out of range; & = low or no recovery of surrogate or target analytes due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0806290

EPA Method 6020A **Extraction SW3050B** **BatchID: 36158** **Spiked Sample ID 0806195-012A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	ND	50	102	100	1.28	10	99.8	102	2.30	70 - 130	20	80 - 120	20
Arsenic	2.2	50	101	100	0.818	10	98.2	101	2.39	70 - 130	20	80 - 120	20
Barium	120	500	103	103	0	100	94.8	96.4	1.67	70 - 130	20	80 - 120	20
Beryllium	0.52	50	87.9	86.3	1.86	10	93.2	95.1	2.05	70 - 130	20	80 - 120	20
Cadmium	ND	50	96	95.4	0.583	10	93.6	95	1.42	70 - 130	20	80 - 120	20
Chromium	43	50	99.6	97.2	1.34	10	103	105	1.73	70 - 130	20	80 - 120	20
Cobalt	16	50	97.4	96.6	0.621	10	94.8	96.6	1.91	70 - 130	20	80 - 120	20
Copper	31	50	100	99.8	0.198	10	102	104	1.56	70 - 130	20	80 - 120	20
Lead	7.5	50	97.7	96.7	0.892	10	94.4	96.2	1.92	70 - 130	20	80 - 120	20
Mercury	ND	1.25	94.1	93.1	1.09	0.25	94.7	96.7	2.09	70 - 130	20	80 - 120	20
Molybdenum	ND	50	96.2	95.5	0.686	10	95.5	95.8	0.345	70 - 130	20	80 - 120	20
Nickel	37	50	102	101	0.297	10	90.2	91.4	1.32	70 - 130	20	80 - 120	20
Selenium	ND	50	98.3	96.7	1.65	10	96.3	96.5	0.270	70 - 130	20	80 - 120	20
Silver	ND	50	112	109	2.48	10	91.5	92.7	1.34	70 - 130	20	80 - 120	20
Thallium	ND	50	98.5	98.6	0.0404	10	92.2	95.1	3.17	70 - 130	20	80 - 120	20
Vanadium	80	50	101	98.3	0.923	10	102	104	1.26	70 - 130	20	80 - 120	20
Zinc	59	500	98.3	97.2	1.08	100	94.5	95.9	1.50	70 - 130	20	80 - 120	20
%SS:	100	250	101	101	0	250	99	99	0	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 36158 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806290-001A	06/11/08	06/11/08	06/11/08 10:46 PM	0806290-001A	06/11/08	06/11/08	06/12/08 11:16 AM
0806290-002A	06/11/08	06/11/08	06/11/08 11:10 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.

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.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 0806290

EPA Method SW8015C	Extraction SW3550C	BatchID: 36187	Spiked Sample ID: 0806232-007A

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	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	20	127	126	0.296	105	104	1.13	70 - 130	30	70 - 130	30
%SS:	102	50	118	119	0.988	107	105	1.87	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 36187 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806290-001A	06/11/08	06/11/08	06/12/08 12:44 AM	0806290-002A	06/11/08	06/11/08	06/11/08 10:25 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 enough sample to perform matrix spike and matrix spike duplicate.

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 ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist. 2600 Grant Avenue San Lorenzo, CA 94580	Client Project ID: #CA1905-1; Oro Loma Exauation	Date Sampled: 06/17/08
		Date Received: 06/17/08
	Client Contact: Jason Warner	Date Reported: 06/18/08
	Client P.O.:	Date Completed: 06/18/08

WorkOrder: 0806479

June 18, 2008

Dear Jason:

Enclosed within are:

1) The results of the **4** analyzed samples from your project: **#CA1905-1; Oro Loma Exauation,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0806479

Page 1 of 2

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

RUSH

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

Report To: Jason Warner	**Bill To:** Same		
Company: Oro Loma Sanitary District			
2655 Grant Ave			
San Lorenzo, CA	E-Mail: bloox@ceresassociates.com, suttonega@sbcglobal.net		
Tele: (510) 435-8270	**Fax:** ( )		
Project #: CA 1905-1	**Project Name:** Oro Loma Excavation		
Project Location: San Lorenzo			
Sampler Signature:			

SAMPLE ID	LOCATION / Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: Lead (TTLC)	Other	Comments
B5		6/17/08	12:15	1	4oz		X				X				X		Filter Samples for Metals analysis: Yes / No
B6		6/17/08	12:20	1	4oz		X				X				X		
B7		6/17/08	12:25	1	4oz		X				X				X		
B8		6/17/08	12:30	1	4oz		X				X				X		
B9		6/17/08	12:30	1	4oz		X				X				X		
B10		6/17/08	12:40	1	4oz		X				X				X		
B11		6/17/08	12:45	1	4oz		X				X				X		
B12		6/17/08	12:50	1	4oz		X				X				X		
A5		6/17/08	12:55	1	4oz		X				X				X		
A6		6/17/08	13:00	1	4oz		X				X				X		
A7		6/17/08	13:05	1	4oz		X				X				X		
A8		6/17/08	13:10	1	4oz		X				X				X		

composite

composite

composite

Relinquished By:	**Date:** 6/17/08	**Time:** 17:45	**Received By:**
Relinquished By:	**Date:**	**Time:**	**Received By:**

ICE/t° 4.2°C
GOOD CONDITION √
HEAD SPACE ABSENT NA
DECHLORINATED IN LAB NA

COMMENTS: gl = 4oz glass jar

0806479 Page 2 of 2

McCAMPBELL ANALYTICAL, INC.
1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

RUSH

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: ☐ RUSH ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAY
GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

Report To: Jason Warner Bill To: Same
Company: Oro Loma Sanitary District
2655 Grant Ave / suttongeo@sbcglobal.net
San Lorenzo, CA / [illegible]associates.com E-Mail:
Tele: (510) 435-8270 Fax: ( )
Project #: CA 1905-1 Project Name: Oro Loma Excavation
Project Location: San Lorenzo
Sampler Signature: [signature]

SAMPLE ID	LOCATION / Field Point Name	Date	Time	# Containers	Type Containers	Matrix: Water	Soil	Air	Sludge	Other	Method Preserved: ICE	HCL	HNO3	Other	Analysis Request: Lead (TTLC)	Comments
A9		6/17/08	13:15	1	gj		X				X				X	
A10		6/17/08	13:20	1	gj		X				X				X	
A11		6/17/08	13:25	1	gj		X				X				X	
A12		6/17/08	13:30	1	gj		X				X				X	

(A9–A12 bracketed: composite)

Analysis Request columns (unmarked): MTBE / BTEX & TPH as Gas (602 / 8021 + 8015); MTBE / BTEX ONLY (EPA 602 / 8021); TPH as Diesel / Motor Oil (8015); Total Petroleum Oil & Grease (1664 / 5520 E/B&F); Total Petroleum Hydrocarbons (418.1); EPA 502.2 / 601 / 8010 / 8021 (HVOCs); EPA 505/ 608 / 8081 (Cl Pesticides); EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners; EPA 507 / 8141 (NP Pesticides); EPA 515 / 8151 (Acidic Cl Herbicides); EPA 524.2 / 624 / 8260 (VOCs); EPA 525.2 / 625 / 8270 (SVOCs); EPA 8270 SIM / 8310 (PAHs / PNAs); CAM 17 Metals (200.7 / 200.8 / 6010 / 6020); Other

Comments: Filter Samples for Metals analysis: Yes / No

Relinquished By:	Date:	Time:	Received By:
[signature]	6/17/08	17:45	[signature]
Relinquished By:	Date:	Time:	Received By:

ICE/t° 4.2°C
GOOD CONDITION ✓
HEAD SPACE ABSENT NA
DECHLORINATED IN LAB NA

COMMENTS: gj = 4oz. glass jar

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0806479 **ClientCode: OLSD**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jason Warner
Oro Loma Sani. Dist.
2600 Grant Avenue
San Lorenzo, CA 94580
(510) 435-8270 FAX 510-278-7382

Email: suttongeo@sbcglobal.net
cc: bloox@ceresassociates.com
PO:
ProjectNo: #CA1905-1; Oro Loma Exauation

Bill to:
Accounts Payable
Oro Loma Sani. Dist.
2600 Grant Avenue
San Lorenzo, CA 94580

Requested TAT: 3 days

Date Received: **06/17/2008**
Date Printed: **06/17/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0806479-001	B 5-8.	Soil	6/17/2008	☐	A											
0806479-002	B 9-12	Soil	6/17/2008	☐	A											
0806479-003	A 5-8	Soil	6/17/2008	☐	A											
0806479-004	A 9-12	Soil	6/17/2008	☐	A											

Test Legend:

1	PB_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Samantha Arbuckle

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Oro Loma Sani. Dist.**

Date and Time Received: **06/17/08 6:45:44 PM**

Project Name: **#CA1905-1; Oro Loma Exauation**

Checklist completed and reviewed by: Samantha Arbuckle

WorkOrder N°: **0806479** Matrix Soil

Carrier: Client Drop-In

Chain of Custody (COC) Information

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 ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	NA ☐
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 4.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist. 2600 Grant Avenue San Lorenzo, CA 94580	Client Project ID: #CA1905-1; Oro Loma Exauation	Date Sampled: 06/17/08
		Date Received: 06/17/08
	Client Contact: Jason Warner	Date Extracted: 06/17/08
	Client P.O.:	Date Analyzed 06/18/08

Lead by ICP*

Extraction method SW3050B Analytical methods 6010C Work Order: 0806479

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS
0806479-001A	B 5-8.	S	TOTAL	110	1	93
0806479-002A	B 9-12	S	TOTAL	38	1	92
0806479-003A	A 5-8	S	TOTAL	44	1	95
0806479-004A	A 9-12	S	TOTAL	56	1	95

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TOTAL	5.0	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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6010C

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0806479

EPA Method 6010C			Extraction SW3050B			BatchID: 36343			Spiked Sample ID 0806471-006A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	12	50	92.8	87.2	4.95	10	104	88.9	15.8	75 - 125	20	80 - 120	20
%SS:	94	250	94	88	6.84	250	96	92	4.03	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 36343 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806479-001A	06/17/08	06/17/08	06/18/08 3:06 PM	0806479-002A	06/17/08	06/17/08	06/18/08 3:09 PM
0806479-003A	06/17/08	06/17/08	06/18/08 3:11 PM	0806479-004A	06/17/08	06/17/08	06/18/08 3:14 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.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist. 2600 Grant Avenue San Lorenzo, CA 94580	Client Project ID: #CA 1905-1; Oro Loma Excavation	Date Sampled: 06/25/08
		Date Received: 06/25/08
	Client Contact: Jason Warner	Date Reported: 06/26/08
	Client P.O.:	Date Completed: 06/26/08

WorkOrder: 0806686

June 26, 2008

Dear Jason:

Enclosed within are:

1) The results of the **8** analyzed samples from your project: **#CA 1905-1; Oro Loma Excavation,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0806686

* per Jason Warner
* See Attached. Pg 1 of 3

McCAMPBELL ANALYTICAL, INC. RUSH CHAIN OF CUSTODY RECORD

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

TURN AROUND TIME ☐ PUSH ☒ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

Report To: Jason Warner	Bill To: Same
Company: Oro Loma Sanitary District	
2655 Grant Avenue	E-Mail: bloox@ceresassociates.com
San Lorenzo, CA	suttongeo@sbcglobal.net
Tele: (510) 435-8270	Fax: ( )
Project #: CA 1905-1	Project Name: Oro Loma Excavation
Project Location: San Lorenzo	
Sampler Signature:	

SAMPLE ID	LOCATION / Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)	MTBE / BTEX ONLY (EPA 602 / 8021)	TPH as Diesel / Motor Oil (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (7420)	Other	Other	Other	Comments
A13		6/25/08		1	g		X				X																	X	X				
A14		6/25/08		1	g		X				X																	X	X				
A15		6/25/08		1	g		X				X																	X	X				
A16		6/25/08		1	g		X				X																	X	X				
A17		6/25/08		1	g		X				X																	X	X				
A18		6/25/08		1	g		X				X																	X	X				
A19		6/25/08		1	g		X				X																	X	X				
A20		6/25/08		1	g		X				X																	X	X				
B9		6/25/08		1	g		X				X																	X	X				
B10		6/25/08		1	g		X				X																	X	X				
B11		6/25/08		1	g		X				X																	X	X				
B12		6/25/08		1	g		X				X																	X	X				
~~B13~~ B2		~~6/25/08~~		1	g																												
~~B14~~ B3		~~6/25/08~~		1	g																												

Relinquished By:	Date:	Time:	Received By:	ICE/t° 8.2°C	COMMENTS:
	6/25/08	14:20		GOOD CONDITION ✓	g= glass (4oz jar)

Filter Samples for Metals analysis: Yes / No

080686

pg 2 of 3

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

RUSH

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ ☒ ☒ BL ☐ ☐
PUSH 24 HR 48 HR 72 HR 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

Report To: Jason Warner	Bill To: Same
Company: Oro Loma Sanitary District	
2655 Grant Avenue	E-Mail: bloox@ceresassociates.com
San Lorenzo, CA	suttongeo@sbcglobal.net
Tele: (510) 435-8270	Fax: ( )
Project #: CA 1905-1	Project Name:Oro Loma Excavation
Project Location: San Lorenzo	
Sampler Signature:	

SAMPLE ID	LOCATION / Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Lead (TTLC) Chromium (TTLC)	Other	Comments
B13		6/25/08		1	g		X				X				X		
B14		6/25/08		1	g										X		
B15		6/25/08		1	g										X		
B16		6/25/08		1	g										X		
C 9-CI		6/25/08		1	g										X X		
C 10-CI		6/25/08		1	g										X X		
C 11-CI		6/25/08		1	g										X X		
C 12-CI		6/25/08		1	g										X X		
C 13-CI		6/25/08		1	g										X X		
C 14-CI		6/25/08		1	g										X X		
C 15-CI		6/25/08		1	g										X X		
C 16-CI		6/25/08		1	g										X X		
		6/25/08		1	g												
		6/25/08		1	g												

Analysis Request: MTBE / BTEX & TPH as Gas (602 / 8021 + 8015); MTBE / BTEX ONLY (EPA 602 / 8021); TPH as Diesel / Motor Oil (8015); Total Petroleum Oil & Grease (1664 / 5520 E/B&F); Total Petroleum Hydrocarbons (418.1); EPA 502.2 / 601 / 8010 / 8021 (HVOCs); EPA 505/ 608 / 8081 (Cl Pesticides); EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners; EPA 507 / 8141 (NP Pesticides); EPA 515 / 8151 (Acidic Cl Herbicides); EPA 524.2 / 624 / 8260 (VOCs); EPA 525.2 / 625 / 8270 (SVOCs); EPA 8270 SIM / 8310 (PAHs / PNAs); CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)

Filter Samples for Metals analysis: Yes / No

composite

composite

Relinquished By:	Date:	Time:	Received By:	ICE/t° 8.2°C	COMMENTS:
	6/25/08	14:20		GOOD CONDITION ✓	g= 40z glass jar

080686 pg 3 of 3

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

RUSH

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

Report To: Jason Warner	Bill To: Same
Company: Oro Loma Sanitary District	
2655 Grant Avenue	E-Mail: bloox@ceresassociates.com
San Lorenzo, CA	suttongeo@sbcglobal.net
Tele: (510) 435-8270	Fax: ( )
Project #: CA 1905-1	Project Name:Oro Loma Excavation
Project Location: San Lorenzo	
Sampler Signature:	

SAMPLE ID	LOCATION / Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
C17-CII		6/25/08		1	g									
C18-CII		6/25/08		1	g									
C19-CII		6/25/08		1	g									
C20-CII		6/25/08		1	g									
C21-CII		6/25/08		1	g									
C22-CII		6/25/08		1	g									
C23CII		6/25/08		1	g									
C24CII		6/25/08		1	g									
		6/25/08		1										
		6/25/08		1										
		6/25/08		1										
		6/25/08		1										
		6/25/08		1										
		6/25/08		1										

composite

composite

Analysis Request	Other	Comments
MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)		
MTBE / BTEX ONLY (EPA 602 / 8021)		
TPH as Diesel / Motor Oil (8015)		
Total Petroleum Oil & Grease (1664 / 5520 E/B&F)		
Total Petroleum Hydrocarbons (418.1)		
EPA 502.2 / 601 / 8010 / 8021 (HVOCs)		
EPA 505/ 608 / 8081 (Cl Pesticides)		
EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners		
EPA 507 / 8141 (NP Pesticides)		
EPA 515 / 8151 (Acidic Cl Herbicides)		
EPA 524.2 / 624 / 8260 (VOCs)		
EPA 525.2 / 625 / 8270 (SVOCs)		
EPA 8270 SIM / 8310 (PAHs / PNAs)		
CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)		Filter Samples for Metals analysis: Yes / No
Chromium (TTLC)		
X		
X		
X		
X		
X		
X		
X		
X		

Relinquished By:	Date:	Time:	Received By:	ICE/t° 8.2°C	COMMENTS:
	6/25/08	14:20		GOOD CONDITION ✓	g= 40z glass jar

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0806686 **ClientCode: OLSD**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jason Warner
Oro Loma Sani. Dist.
2600 Grant Avenue
San Lorenzo, CA 94580
(510) 435-8270 FAX 510-278-7382

Email: suttongeo@sbcglobal.net
cc:
PO:
ProjectNo: #CA 1905-1; Oro Loma Excavation

Bill to:
Accounts Payable
Oro Loma Sani. Dist.
2600 Grant Avenue
San Lorenzo, CA 94580

Requested TAT: 1 day

Date Received: **06/25/2008**
Date Printed: **06/26/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0806686-001	A13-16	Soil	6/25/2008	☐		A										
0806686-002	A17-20	Soil	6/25/2008	☐		A										
0806686-003	B9-12	Soil	6/25/2008	☐		A										
0806686-004	B13-16	Soil	6/25/2008	☐		A										
0806686-005	C9Cl-12Cl	Soil	6/25/2008	☐			A									
0806686-006	C13Cl-C16Cl	Soil	6/25/2008	☐			A									
0806686-007	C17Cll-C20Cll	Soil	6/25/2008	☐	A											
0806686-008	C21Cll-C24Cll	Soil	6/25/2008	☐	A											

Test Legend:

1	METALS_S	2	PB_S	3	PBCR_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Samantha Arbuckle

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Oro Loma Sani. Dist.**

Date and Time Received: **06/25/08 3:46:00 PM**

Project Name: **#CA 1905-1; Oro Loma Excavation**

Checklist completed and reviewed by: Samantha Arbuckle

WorkOrder N°: **0806686** Matrix Soil

Carrier: Client Drop-In

Chain of Custody (COC) Information

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 ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	NA ☐
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 8.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist. 2600 Grant Avenue San Lorenzo, CA 94580	Client Project ID: #CA 1905-1; Oro Loma Excavation	Date Sampled: 06/25/08
		Date Received: 06/25/08
	Client Contact: Jason Warner	Date Extracted: 06/26/08
	Client P.O.:	Date Analyzed 06/26/08

Metals*

Extraction method SW3050B Analytical methods 6010C Work Order: 0806686

Lab ID	Client ID	Matrix	Extraction Type	Chromium	DF	% SS
0806686-007A	C17CII-C20CII	S	TOTAL	46	1	96
0806686-008A	C21CII-C24CII	S	TOTAL	39	1	96

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TOTAL	1.5	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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist. 2600 Grant Avenue San Lorenzo, CA 94580	Client Project ID: #CA 1905-1; Oro Loma Excavation	Date Sampled: 06/25/08
		Date Received: 06/25/08
	Client Contact: Jason Warner	Date Extracted: 06/25/08
	Client P.O.:	Date Analyzed 06/25/08

Lead by ICP*

Extraction method SW3050B Analytical methods 6010C Work Order: 0806686

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS
0806686-001A	A13-16	S	TOTAL	17	1	93
0806686-002A	A17-20	S	TOTAL	32	1	96
0806686-003A	B9-12	S	TOTAL	46	1	94
0806686-004A	B13-16	S	TOTAL	56	1	96

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TOTAL	5.0	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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist.	Client Project ID: #CA 1905-1; Oro Loma Excavation	Date Sampled: 06/25/08
2600 Grant Avenue		Date Received: 06/25/08
San Lorenzo, CA 94580	Client Contact: Jason Warner	Date Extracted: 06/26/08
	Client P.O.:	Date Analyzed: 06/26/08

Chromium & Lead*

Extraction method SW3050B Analytical methods 6010C Work Order: 0806686

Lab ID	Client ID	Matrix	Extraction Type	Chromium	Lead	DF	% SS
005A	C9CI-12CI	S	TOTAL	62	45	1	95
006A	C13CI-C16CI	S	TOTAL	48	84	1	96

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA
	S	TOTAL	1.5	5.0	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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6010C

W.O. Sample Matrix: Soil/Soil/Soil QC Matrix: Soil WorkOrder 0806686

EPA Method 6010C **Extraction SW3050B** **BatchID: 36516** **Spiked Sample ID 0806686-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Chromium	26	50	89.8	91.4	1.12	10	92.5	95.2	2.85	75 - 125	20	80 - 120	20
Lead	17	50	92.1	92.8	0.556	10	100	95.8	4.74	75 - 125	20	80 - 120	20
%SS:	93	250	91	96	5.68	250	96	96	0	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 36516 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0806686-001A	06/25/08	06/25/08	06/25/08 10:10 PM	0806686-002A	06/25/08	06/25/08	06/25/08 10:18 PM
0806686-003A	06/25/08	06/25/08	06/25/08 10:21 PM	0806686-004A	06/25/08	06/25/08	06/25/08 10:24 PM
0806686-005A	06/25/08	06/26/08	06/26/08 10:35 AM	0806686-006A	06/25/08	06/26/08	06/26/08 10:37 AM
0806686-007A	06/25/08	06/26/08	06/26/08 10:40 AM	0806686-008A	06/25/08	06/26/08	06/26/08 10:43 AM

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.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist. 2600 Grant Avenue San Lorenzo, CA 94580	Client Project ID: #CA 1905-1; Oro Loma Excavation	Date Sampled: 07/07/08
		Date Received: 07/07/08
	Client Contact: Jason Warner	Date Reported: 07/14/08
	Client P.O.:	Date Completed: 07/14/08

WorkOrder: 0807149

July 14, 2008

Dear Jason:

Enclosed within are:

1) The results of the **4** analyzed samples from your project: **#CA 1905-1; Oro Loma Excavation,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

080714B

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☐ **PDF** ☐ **Excel** ☐ **Write On (DW)** ☐

☐ Check if sample is effluent and "J" flag is required

Report To: ~~Stephen Hill~~ Jason Wimmer	**Bill To:** Same
Company: Oro Loma Sanitary District	
2655 Grant Ave	gsuttonga@sbcglobal.net
San Lorenzo, CA	**E-Mail:** bonilaox@yahoo.com
Tele: (510) 435-8270	**Fax:** ( )
Project #: CA 1905-1	**Project Name:** Oro Loma Excavation
Project Location: San Lorenzo	
Sampler Signature:	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request	Other	Comments
D-01		7/7/08		1	gl		X				X					TCLP Benzene	Filter Samples for Metals analysis: Yes / No
D-02		7/7/08		1	gl		X				X					Fish Bioassay	
D-03		7/7/08		1	gl		X				X						
D-04		7/7/08		1	gl		X				X						
E-01		7/7/08		1	gl		X				X						
E-02		7/7/08		1	gl		X				X						
E-03		7/7/08		1	gl		X				X						
E-04		7/7/08		1	gl		X				X						
F-01		7/7/08		1	gl		X				X						
F-02		7/7/08		1	gl		X				X						
F03		7/7/08		1	gl		X				X						
F-04		7/7/08		1	gl		X				X						

Analysis Request: BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE; TPH as Diesel (8015); Total Petroleum Oil & Grease (1664 / 5520 E/B&F); Total Petroleum Hydrocarbons (418.1); EPA 502.2 / 601 / 8010 / 8021 (HVOCs); MTBE / BTEX ONLY (EPA 602 / 8021); EPA 505/ 608 / 8081 (Cl Pesticides); EPA 608 / 8082 PCB's ONLY; Arochlors / Congeners; EPA 507 / 8141 (NP Pesticides); EPA 515 / 8151 (Acidic Cl Herbicides); EPA 524.2 / 624 / 8260 (VOCs); EPA 525.2 / 625 / 8270 (SVOCs); EPA 8270 SIM / 8310 (PAHs / PNAs); CAM 17 Metals (200.7 / 200.8 / 6010 / 6020); LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020); Lead (200.7 / 200.8 / 6010 / 6020)

Relinquished By:	Date:	Time:	Received By:
	7/7/08	1610	
Relinquished By:	**Date:**	**Time:**	**Received By:**
Relinquished By:	**Date:**	**Time:**	**Received By:**

ICE/t° 10.5 ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT NA
DECHLORINATED IN LAB ✓
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB NA

PRESERVATION VOAS O&G METALS OTHER pH<2

COMMENTS:
gl = 40z glass jar
Standard TAT

Composite
composite
composite

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

080719

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☐ **PDF** ☐ **Excel** ☐ **Write On (DW)** ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Jason Warner	**Bill To:** Same
Company: Oro Loma sanitary District	
2655 Grant Ave	suttongeo@sbcglobal.net
San Lorenzo, CA	**E-Mail:** bonlox@yahoo.com
Tele: (510) 435 8270	**Fax:** ( )
Project #: CA 1905-1	**Project Name:** Oro Loma Excavation
Project Location: San Lorenzo	
Sampler Signature:	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other: TCLP Benzene	Other: Fish Bioassay	Comments
G-01		7/7/08		1	gl		X				X																				X	X	Filter Samples for Metals analysis: Yes / No
G-02		7/7/08		1	gl		X				X																				X	X	
G-03		7/7/08		1	gl		X				X																				X	X	
G-04		7/7/08		1	gl		X				X																				X	X	

composite

Relinquished By:	Date:	Time:	Received By:
	7/7/08	16:10	
Relinquished By:	**Date:**	**Time:**	**Received By:**
Relinquished By:	**Date:**	**Time:**	**Received By:**

ICE/t°_____
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

VOAS O&G METALS OTHER
PRESERVATION_____ pH<2_____

COMMENTS:
gl = 4oz glass jar
STANDARD TAT

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0807149 **ClientCode: OLSD**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jason Warner
Oro Loma Sani. Dist.
2600 Grant Avenue
San Lorenzo, CA 94580
(510) 435-8270 FAX 510-278-7382

Email: suttongeo@sbcglobal.net
cc: bonloox@yahoo.com
PO:
ProjectNo: #CA 1905-1; Oro Loma Excavation

Bill to:
Accounts Payable
Oro Loma Sani. Dist.
2600 Grant Avenue
San Lorenzo, CA 94580

Requested TAT: 5 days

Date Received: **07/07/2008**
Date Printed: **07/14/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0807149-001	D-01-04	Soil	7/7/2008	☐	A	A										
0807149-002	E-01-04	Soil	7/7/2008	☐	A	A										
0807149-003	F-01-04	Soil	7/7/2008	☐	A	A										
0807149-004	G-01-04	Soil	7/7/2008	☐	A	A										

Test Legend:

1	FISHHAZSCREEN_S	2	ZHE8260-TCLP_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Samantha Arbuckle

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Oro Loma Sani. Dist.**

Date and Time Received: **07/07/08 7:18:29 PM**

Project Name: **#CA 1905-1; Ora Loma Excavation**

Checklist completed and reviewed by: Samantha Arbuckle

WorkOrder N°: **0807149** Matrix Soil

Carrier: Client Drop-In

Chain of Custody (COC) Information

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 ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	NA ☐
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 6.8°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist.	Client Project ID: #CA 1905-1; Oro Loma Excavation	Date Sampled: 07/07/08
		Date Received: 07/07/08
2600 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 07/08/08-07/12/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 07/08/08-07/12/08

CA Title 22 Acute Fish Bioassay Screen Test for Hazardous Waste

Extraction Method: CA DFG (Polinsi & Miller) Analytical Method: CA DFG (Polinsi & Miller) Work Order: 0807149

Lab ID	0807149-001A	Species	Pimephales promelas	Avg. Length (mm)	36.5
Client ID	D-01-04	Common Name	Fathead Minnows	Avg. Weight (g)	0.34
Matrix	Soil			Max Weight (g)	0.351
Control Water	Moderately Hard Syn			Min Weight (g)	0.33

Concentration	Survival		Dissolved O2 (mg/L)		pH		Temperature (°C)		Comments	
	A	B	A	B	A	B	A	B		
Control	10	10	8.33	8.49	7.15	7.17	20.4	20.4	Analyst:	C M
250 mg/L	10	10	8.60	8.58	7.67	7.65	20.4	20.4		
500 mg/L	10	10	8.55	8.66	7.64	7.63	20.4	20.4	Date:	7/8/008
750 mg/L	10	10	8.63	8.59	7.62	7.59	20.4	20.4	Time:	12:00 PM
Control	10	10	8.60	8.61	7.33	7.34	20.1	20.1	Analyst:	C M
250 mg/L	10	10	8.44	8.40	7.20	7.15	20.1	20.1		
500 mg/L	10	10	8.40	8.36	7.14	7.14	20.1	20.1	Date:	7/9/2008
750 mg/L	10	10	8.56	8.51	7.12	7.11	20.1	20.1	Time:	12:00 PM
Control	10	10	8.19	8.27	7.40	7.38	20.0	20.0	Analyst:	C M
250 mg/L	10	10	7.74	7.69	7.19	7.17	20.0	20.0		
500 mg/L	10	10	7.48	7.79	7.17	7.16	20.0	20.0	Date:	7/10/2008
750 mg/L	10	10	7.16	6.90	7.18	7.20	20.0	20.0	Time:	12:00 PM
Control	10	10	7.99	8.17	7.53	7.60	19.8	19.8	Analyst:	C M
250 mg/L	10	10	7.71	7.66	7.29	7.30	19.8	19.8		
500 mg/L	10	10	7.16	6.91	7.31	7.31	19.8	19.8	Date:	7/11/2008
750 mg/L	10	10	7.13	7.22	7.33	7.34	19.8	19.8	Time:	12:00 PM
Control	10	10	7.38	7.60	7.47	7.55	19.8	19.8	Analyst:	C M
250 mg/L	10	10	7.11	7.13	7.15	7.22	19.8	19.8		
500 mg/L	10	10	7.00	7.19	7.20	7.21	19.8	19.8	Date:	7/12/2008
750 mg/L	10	10	6.98	6.90	7.23	7.25	19.8	19.8	Time:	12:00 PM

	Initial		Final	
	Control	750 mg/L	Control	750 mg/L
Hardness (mg/L as CaCO3)	40	40	40	40
Alkalinity (mg/L as CaCO3)	35.36	36.24	37.44	43.48
Conductivity (uS/cm)	164.2	176.1	180.2	194.5
Salinity (mg/L)	N/A	N/A	N/A	N/A

Result: Mortality <40% at 750mg/L. Therefore LC50>=500mg/L ('non-hazardous')

96 LC50: N/A LC50 Method: N/A
95% Upper Confident Limit: N/A 95% Lower Confident Limit: N/A

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist.	Client Project ID: #CA 1905-1; Oro Loma Excavation	Date Sampled: 07/07/08
		Date Received: 07/07/08
2600 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 07/08/08-07/12/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 07/08/08-07/12/08

CA Title 22 Acute Fish Bioassay Screen Test for Hazardous Waste

Extraction Method: CA DFG (Polinsi & Miller) Analytical Method: CA DFG (Polinsi & Miller) Work Order: 0807149

Lab ID	0807149-002A	Species	Pimephales promelas	Avg. Length (mm)	36.5
Client ID	E-01-04	Common Name	Fathead Minnows	Avg. Weight (g)	0.34
Matrix	Soil			Max Weight (g)	0.351
Control Water	Moderately Hard Syn			Min Weight (g)	0.33

Concentration	Survival		Dissolved O2 (mg/L)		pH		Temperature (°C)		Comments	
	A	B	A	B	A	B	A	B		
Control	10	10	8.33	8.49	7.15	7.17	20.4	20.4	Analyst:	C M
250 mg/L	10	10	8.55	8.47	7.57	7.54	20.4	20.4		
500 mg/L	10	10	8.50	8.41	7.54	7.56	20.4	20.4	Date:	7/8/2008
750 mg/L	10	10	8.55	8.53	7.58	7.56	20.4	20.4	Time:	12:00 PM
Control	10	10	8.60	8.61	7.33	7.34	20.1	20.1	Analyst:	C M
250 mg/L	10	10	7.91	8.22	7.07	7.11	20.1	20.1		
500 mg/L	10	10	8.19	8.30	7.09	7.10	20.1	20.1	Date:	7/9/2008
750 mg/L	10	10	8.44	8.39	7.08	7.09	20.1	20.1	Time:	12:00 PM
Control	10	10	8.19	8.27	7.40	7.38	20.0	20.0	Analyst:	C M
250 mg/L	10	10	6.90	6.77	7.17	7.19	20.0	20.0		
500 mg/L	10	10	7.20	7.16	7.13	7.10	20.0	20.0	Date:	7/10/2008
750 mg/L	10	10	7.30	7.22	7.11	7.11	20.0	20.0	Time:	12:00 PM
Control	10	10	7.99	8.17	7.53	7.60	19.8	19.8	Analyst:	C M
250 mg/L	10	10	6.49	6.90	7.25	7.27	19.8	19.8		
500 mg/L	10	10	6.90	6.88	7.26	7.25	19.8	19.8	Date:	7/11/2008
750 mg/L	10	10	6.46	6.19	7.30	7.30	19.8	19.8	Time:	12:00 PM
Control	10	10	7.38	7.60	7.47	7.55	19.8	19.8	Analyst:	C M
250 mg/L	10	10	6.40	6.44	7.13	7.13	19.8	19.8		
500 mg/L	10	10	6.90	7.11	7.13	7.13	19.8	19.8	Date:	7/12/2008
750 mg/L	10	10	6.89	6.77	7.14	7.16	19.8	19.8	Time:	12:00 PM

	Initial		Final	
	Control	750 mg/L	Control	750 mg/L
Hardness (mg/L as CaCO3)	40	40	40	40
Alkalinity (mg/L as CaCO3)	35.36	31.16	37.44	40.68
Conductivity (uS/cm)	164.2	166.7	180.2	186.3
Salinity (mg/L)	N/A	N/A	N/A	N/A

Result: Mortality <40% at 750mg/L. Therefore LC50>=500mg/L ('non-hazardous')

96 LC50: N/A LC50 Method: N/A
95% Upper Confident Limit: N/A 95% Lower Confident Limit: N/A

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist.	Client Project ID: #CA 1905-1; Oro Loma Excavation	Date Sampled: 07/07/08
		Date Received: 07/07/08
2600 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 07/08/08-07/12/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 07/08/08-07/12/08

CA Title 22 Acute Fish Bioassay Screen Test for Hazardous Waste

Extraction Method: CA DFG (Polinsi & Miller) Analytical Method: CA DFG (Polinsi & Miller) Work Order: 0807149

Lab ID	0807149-003A	Species	Pimephales promelas	Avg. Length (mm)	36.5
Client ID	F-01-04	Common Name	Fathead Minnows	Avg. Weight (g)	0.34
Matrix	Soil			Max Weight (g)	0.351
Control Water	Moderately Hard Syn			Min Weight (g)	0.33

Concentration	Survival		Dissolved O2 (mg/L)		pH		Temperature (°C)		Comments	
	A	B	A	B	A	B	A	B		
Control	10	10	8.33	8.49	7.15	7.17	20.4	20.4	Analyst:	C M
250 mg/L	10	10	8.29	8.32	7.51	7.48	20.4	20.4		
500 mg/L	10	10	8.59	8.50	7.48	7.49	20.4	20.4	Date:	7/8/2008
750 mg/L	10	10	8.55	8.57	7.50	7.50	20.4	20.4	Time:	12:00 PM
Control	10	10	8.60	8.61	7.33	7.34	20.1	20.1	Analyst:	C M
250 mg/L	10	10	7.91	7.88	7.09	7.09	20.1	20.1		
500 mg/L	10	10	8.01	8.11	7.08	7.06	20.1	20.1	Date:	7/9/2008
750 mg/L	10	10	8.19	8.05	7.07	7.09	20.1	20.1	Time:	12:00 PM
Control	10	10	8.19	8.27	7.40	7.38	20.0	20.0	Analyst:	C M
250 mg/L	10	10	6.90	7.17	7.07	7.09	20.0	20.0		
500 mg/L	10	10	6.98	7.41	7.10	7.08	20.0	20.0	Date:	7/10/2008
750 mg/L	10	10	6.91	7.11	7.10	7.12	20.0	20.0	Time:	12:00 PM
Control	10	10	7.99	8.17	7.53	7.60	19.8	19.8	Analyst:	C M
250 mg/L	10	10	6.49	7.16	7.29	7.30	19.8	19.8		
500 mg/L	10	10	6.90	7.20	7.30	7.28	19.8	19.8	Date:	7/11/2008
750 mg/L	10	10	6.77	7.07	7.27	7.28	19.8	19.8	Time:	12:00 PM
Control	10	10	7.38	7.60	7.47	7.55	19.8	19.8	Analyst:	C M
250 mg/L	10	10	7.61	6.17	7.27	7.26	19.8	19.8		
500 mg/L	10	10	6.66	6.22	7.26	7.27	19.8	19.8	Date:	7/12/2008
750 mg/L	10	10	6.44	6.21	7.27	7.26	19.8	19.8	Time:	12:00 PM

	Initial		Final	
	Control	750 mg/L	Control	750 mg/L
Hardness (mg/L as CaCO3)	40	40	40	40
Alkalinity (mg/L as CaCO3)	35.36	30.68	37.44	39.08
Conductivity (uS/cm)	164.2	169.2	180.2	187.1
Salinity (mg/L)	N/A	N/A	N/A	N/A

Result: Mortality <40% at 750mg/L. Therefore LC50>=500mg/L ('non-hazardous')

96 LC50: N/A LC50 Method: N/A
95% Upper Confident Limit: N/A 95% Lower Confident Limit: N/A

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist.	Client Project ID: #CA 1905-1; Oro Loma Excavation	Date Sampled: 07/07/08
		Date Received: 07/07/08
2600 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 07/08/08-07/12/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 07/08/08-07/12/08

CA Title 22 Acute Fish Bioassay Screen Test for Hazardous Waste

Extraction Method: CA DFG (Polinsi & Miller) Analytical Method: CA DFG (Polinsi & Miller) Work Order: 0807149

Lab ID	0807149-004A	Species	Pimephales promelas	Avg. Length (mm)	36.5
Client ID	G-01-04	Common Name	Fathead Minnows	Avg. Weight (g)	0.34
Matrix	Soil			Max Weight (g)	0.351
Control Water	Moderately Hard Syn			Min Weight (g)	0.33

Concentration	Survival		Dissolved O2 (mg/L)		pH		Temperature (°C)		Comments	
	A	B	A	B	A	B	A	B		
Control	10	10	8.33	8.49	7.15	7.17	20.4	20.4	Analyst:	C M
250 mg/L	10	10	8.39	8.44	7.48	7.44	20.4	20.4		
500 mg/L	10	10	8.36	8.40	7.45	7.45	20.4	20.4	Date:	7/8/2008
750 mg/L	10	10	8.47	8.53	7.46	7.47	20.4	20.4	Time:	12:00 PM
Control	10	10	8.60	8.61	7.33	7.34	20.1	20.1	Analyst:	C M
250 mg/L	10	10	8.69	7.86	7.04	7.08	20.1	20.1		
500 mg/L	10	10	7.91	7.79	7.05	7.06	20.1	20.1	Date:	7/9/2008
750 mg/L	10	10	7.90	7.85	7.03	7.02	20.1	20.1	Time:	12:00 PM
Control	10	10	8.19	8.27	7.40	7.38	20.0	20.0	Analyst:	C M
250 mg/L	10	10	7.16	6.49	7.08	7.10	20.0	20.0		
500 mg/L	10	10	6.90	6.98	7.09	7.11	20.0	20.0	Date:	7/10/2008
750 mg/L	10	10	6.98	7.16	7.05	7.06	20.0	20.0	Time:	12:00 PM
Control	10	10	7.99	8.17	7.53	7.60	19.8	19.8	Analyst:	C M
250 mg/L	10	10	6.40	6.77	7.24	7.21	19.8	19.8		
500 mg/L	10	10	6.90	6.88	7.24	7.24	19.8	19.8	Date:	7/11/2008
750 mg/L	9	10	6.33	6.90	7.25	7.25	19.8	19.8	Time:	12:00 PM
Control	10	10	7.38	7.60	7.47	7.55	19.8	19.8	Analyst:	C M
250 mg/L	10	10	6.39	6.50	7.22	7.21	19.8	19.8		
500 mg/L	10	10	6.47	6.36	7.21	7.23	19.8	19.8	Date:	7/12/2008
750 mg/L	9	10	6.55	6.40	7.20	7.20	19.8	19.8	Time:	12:00 PM

	Initial		Final	
	Control	750 mg/L	Control	750 mg/L
Hardness (mg/L as CaCO3)	40	40	40	40
Alkalinity (mg/L as CaCO3)	35.36	31.04	37.44	40.32
Conductivity (uS/cm)	164.2	166.1	180.2	187.9
Salinity (mg/L)	N/A	N/A	N/A	N/A

Result: Mortality <40% at 750mg/L. Therefore LC50>=500mg/L ('non-hazardous')

96 LC50: N/A LC50 Method: N/A
95% Upper Confident Limit: N/A 95% Lower Confident Limit: N/A

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sani. Dist.	Client Project ID: #CA 1905-1; Oro Loma Excavation	Date Sampled: 07/07/08
		Date Received: 07/07/08
2600 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 07/07/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 07/13/08

Benzene by GC/MS [ZHETCLP Extraction]*

Extraction method SW1311 (ZHETCLP)/SW5030B Analytical methods SW8260B Work Order: 0807149

Lab ID	Client ID	Matrix	Benzene	DF	% SS
001A	D-01-04	S	ND	1	102
002A	E-01-04	S	ND	1	99
003A	F-01-04	S	0.0013	1	104
004A	G-01-04	S	ND	1	105

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	0.0005	mg/L

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak; &) low surrogate due to matrix interference.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Sludge WorkOrder 0807149

EPA Method SW8260B	Extraction SW1311	BatchID: 36665	Spiked Sample ID: N/A

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	N/A	0.010	N/A	N/A	N/A	99.5	101	1.82	N/A	N/A	70 - 130	20
Benzene	N/A	0.010	N/A	N/A	N/A	110	110	0	N/A	N/A	70 - 130	20
t-Butyl alcohol (TBA)	N/A	0.050	N/A	N/A	N/A	109	115	5.40	N/A	N/A	70 - 130	20
Chlorobenzene	N/A	0.010	N/A	N/A	N/A	105	105	0	N/A	N/A	70 - 130	20
1,2-Dibromoethane (EDB)	N/A	0.010	N/A	N/A	N/A	110	114	2.92	N/A	N/A	70 - 130	20
1,2-Dichloroethane (1,2-DCA)	N/A	0.010	N/A	N/A	N/A	116	117	0.679	N/A	N/A	70 - 130	20
1,1-Dichloroethene	N/A	0.010	N/A	N/A	N/A	102	101	0.331	N/A	N/A	70 - 130	20
Diisopropyl ether (DIPE)	N/A	0.010	N/A	N/A	N/A	111	112	0.545	N/A	N/A	70 - 130	20
Ethyl tert-butyl ether (ETBE)	N/A	0.010	N/A	N/A	N/A	118	119	0.950	N/A	N/A	70 - 130	20
Methyl-t-butyl ether (MTBE)	N/A	0.010	N/A	N/A	N/A	115	117	2.10	N/A	N/A	70 - 130	20
Toluene	N/A	0.010	N/A	N/A	N/A	101	102	0.655	N/A	N/A	70 - 130	20
Trichloroethene	N/A	0.010	N/A	N/A	N/A	116	116	0	N/A	N/A	70 - 130	20
%SS1:	N/A	0.025	N/A	N/A	N/A	99	99	0	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 36665 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0807149-001A	07/07/08	07/07/08	07/13/08 1:22 PM	0807149-002A	07/07/08	07/07/08	07/13/08 2:05 PM
0807149-003A	07/07/08	07/07/08	07/13/08 2:47 PM	0807149-004A	07/07/08	07/07/08	07/13/08 3:29 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 enough sample to perform matrix spike and matrix spike duplicate.

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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1 905-1; OroLoma Former UST, San Lorenzo	Date Sampled: 10/06/08
2655 Grant Avenue		Date Received: 10/06/08
San Lorenzo, CA 94580	Client Contact: Jason Warner	Date Reported: 10/13/08
	Client P.O.:	Date Completed: 10/10/08

WorkOrder: 0810102

October 13, 2008

Dear Jason:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **#CA 1 905-1; OroLoma Former UST,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0810102

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Jason Warner Bill To: Same

Company: Oro Loma Sanitary District

2655 Grant Avenue

San Lorenzo, CA 94580 E-Mail: suttongeo@sbcglobal.net; bonlxx@yahoo.com

Tele: (510) 435-8270 Fax: ( )

Project #: CA1905-1 Project Name: Oro Loma Former UST

Project Location: San Lorenzo

Sampler Signature: [signature]

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other	Comments: Filter Samples for Metals analysis: Yes / No
N-01		10/6/08		1	gl		X				X				X	X									X	X		X				
N-02		10/6/08		1	gl		X				X				X	X									X	X		X				
N-03		10/6/08		1	gl		X				X				X	X									X	X		X				
N-04		10/6/08		1	gl		X				X				X	X									X	X		X				
S-01		10/6/08		1	gl		X				X				X	X									X	X		X				
S-02		10/6/08		1	gl		X				X				X	X									X	X		X				
S-03		10/6/08		1	gl		X				X				X	X									X	X		X				
S-04		10/6/08		1	gl		X				X				X	X									X	X		X				

(N-01 to N-04: Composite; S-01 to S-04: Composite)

Relinquished By:	Date:	Time:	Received By:
[signature]	10/6/08	1257	[signature]
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° NA
GOOD CONDITION____
HEAD SPACE ABSENT____
DECHLORINATED IN LAB____
APPROPRIATE CONTAINERS____
PRESERVED IN LAB____

COMMENTS: gl = 4oz glass jar

PRESERVATION ____ VOAS O&G METALS OTHER pH<2 ____

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0810102 **ClientCode: OLD**

☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jason Warner
Oro Loma Sanitary District
2655 Grant Avenue
San Lorenzo, CA 94580

(510) 435-8270 FAX

Email: suttongeo@sbcglobal.net
cc: bonloox@yahoo.com
PO:
ProjectNo: #CA 1 905-1; OroLoma Former UST, San Lorenzo

Bill to:
Jason Warner
Oro Loma Sanitary District
2655 Grant Avenue
San Lorenzo, CA 94580

Requested TAT: 5 days

Date Received: **10/06/2008**
Date Printed: **10/06/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0810102-001	N-01,02,03,04	Soil	10/6/2008	☐	A	A	A	A	A	A						
0810102-002	S-01,02,03,04	Soil	10/6/2008	☐	A	A	A	A		A						

Test Legend:

1	8260B_S	2	8270D_S	3	CAM17MS_S	4	G-MBTEX_S	5	PREDF REPORT
6	TPH(D)_S	7		8		9		10	
11		12							

Prepared by: Ana Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Oro Loma Sanitary District** Date and Time Received: **10/6/2008 1:51:31 PM**

Project Name: **#CA 1 905-1; OroLoma Former UST, San Lorenzo** Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **0810102** Matrix Soil Carrier: Client Drop-In

Chain of Custody (COC) Information

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 ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp:		NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1 905-1; OroLoma Former UST, San Lorenzo	Date Sampled: 10/06/08
		Date Received: 10/06/08
2655 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 10/06/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 10/09/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0810102

Lab ID	0810102-001A
Client ID	N-01,02,03,04
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	85	%SS2:	84
%SS3:	82		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1 905-1; OroLoma Former UST, San Lorenzo	Date Sampled: 10/06/08
		Date Received: 10/06/08
2655 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 10/06/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 10/09/08

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0810102

Lab ID	0810102-002A
Client ID	S-01,02,03,04
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	0.0051	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	0.0078	1.0	0.005

Surrogate Recoveries (%)

%SS1:	85	%SS2:	84
%SS3:	84		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1 905-1; OroLoma Former UST, San Lorenzo	Date Sampled: 10/06/08
		Date Received: 10/06/08
2655 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 10/06/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed: 10/07/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0810102

Lab ID	0810102-001A
Client ID	N-01,02,03,04
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<0.66	2.0	0.33	Acenaphthylene	ND<0.66	2.0	0.33
Acetochlor	ND<0.66	2.0	0.33	Anthracene	ND<0.66	2.0	0.33
Benzidine	ND<3.2	2.0	1.6	Benzoic Acid	ND<3.2	2.0	1.6
Benzo(a)anthracene	ND<0.66	2.0	0.33	Benzo(b)fluoranthene	ND<0.66	2.0	0.33
Benzo(k)fluoranthene	ND<0.66	2.0	0.33	Benzo(g,h,i)perylene	ND<0.66	2.0	0.33
Benzo(a)pyrene	ND<0.66	2.0	0.33	Benzyl Alcohol	ND<3.2	2.0	1.6
1,1-Biphenyl	ND<0.66	2.0	0.33	Bis (2-chloroethoxy) Methane	ND<0.66	2.0	0.33
Bis (2-chloroethyl) Ether	ND<0.66	2.0	0.33	Bis (2-chloroisopropyl) Ether	ND<0.66	2.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<0.66	2.0	0.33	4-Bromophenyl Phenyl Ether	ND<0.66	2.0	0.33
Butylbenzyl Phthalate	ND<0.66	2.0	0.33	4-Chloroaniline	ND<1.3	2.0	0.66
4-Chloro-3-methylphenol	ND<0.66	2.0	0.33	2-Chloronaphthalene	ND<0.66	2.0	0.33
2-Chlorophenol	ND<0.66	2.0	0.33	4-Chlorophenyl Phenyl Ether	ND<0.66	2.0	0.33
Chrysene	ND<0.66	2.0	0.33	Dibenzo(a,h)anthracene	ND<0.66	2.0	0.33
Dibenzofuran	ND<0.66	2.0	0.33	Di-n-butyl Phthalate	ND<0.66	2.0	0.33
1,2-Dichlorobenzene	ND<0.66	2.0	0.33	1,3-Dichlorobenzene	ND<0.66	2.0	0.33
1,4-Dichlorobenzene	ND<0.66	2.0	0.33	3,3-Dichlorobenzidine	ND<1.3	2.0	0.66
2,4-Dichlorophenol	ND<0.66	2.0	0.33	Diethyl Phthalate	ND<0.66	2.0	0.33
2,4-Dimethylphenol	ND<0.66	2.0	0.33	Dimethyl Phthalate	ND<0.66	2.0	0.33
4,6-Dinitro-2-methylphenol	ND<3.2	2.0	1.6	2,4-Dinitrophenol	ND<3.2	2.0	1.6
2,4-Dinitrotoluene	ND<0.66	2.0	0.33	2,6-Dinitrotoluene	ND<0.66	2.0	0.33
Di-n-octyl Phthalate	ND<0.66	2.0	0.33	1,2-Diphenylhydrazine	ND<0.66	2.0	0.33
Fluoranthene	ND<0.66	2.0	0.33	Fluorene	ND<0.66	2.0	0.33
Hexachlorobenzene	ND<0.66	2.0	0.33	Hexachlorobutadiene	ND<0.66	2.0	0.33
Hexachlorocyclopentadiene	ND<3.2	2.0	1.6	Hexachloroethane	ND<0.66	2.0	0.33
Indeno (1,2,3-cd) pyrene	ND<0.66	2.0	0.33	Isophorone	ND<0.66	2.0	0.33
2-Methylnaphthalene	ND<0.66	2.0	0.33	2-Methylphenol (o-Cresol)	ND<0.66	2.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<0.66	2.0	0.33	Naphthalene	ND<0.66	2.0	0.33
2-Nitroaniline	ND<3.2	2.0	1.6	3-Nitroaniline	ND<3.2	2.0	1.6
4-Nitroaniline	ND<3.2	2.0	1.6	Nitrobenzene	ND<0.66	2.0	0.33
2-Nitrophenol	ND<3.2	2.0	1.6	4-Nitrophenol	ND<3.2	2.0	1.6
N-Nitrosodiphenylamine	ND<0.66	2.0	0.33	N-Nitrosodi-n-propylamine	ND<0.66	2.0	0.33
Pentachlorophenol	ND<3.2	2.0	1.6	Phenanthrene	ND<0.66	2.0	0.33
Phenol	ND<0.66	2.0	0.33	Pyrene	ND<0.66	2.0	0.33
1,2,4-Trichlorobenzene	ND<0.66	2.0	0.33	2,4,5-Trichlorophenol	ND<0.66	2.0	0.33
2,4,6-Trichlorophenol	ND<0.66	2.0	0.33				

Surrogate Recoveries (%)

%SS1:	82	%SS2:	90
%SS3:	78	%SS4:	77
%SS5:	77	%SS6:	71

Comments: a3

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

a3) sample diluted due to high organic content

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1 905-1; OroLoma Former UST, San Lorenzo	Date Sampled: 10/06/08
		Date Received: 10/06/08
2655 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 10/06/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed: 10/07/08

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 0810102

Lab ID	0810102-002A
Client ID	S-01,02,03,04
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<0.66	2.0	0.33	Acenaphthylene	ND<0.66	2.0	0.33
Acetochlor	ND<0.66	2.0	0.33	Anthracene	ND<0.66	2.0	0.33
Benzidine	ND<3.2	2.0	1.6	Benzoic Acid	ND<3.2	2.0	1.6
Benzo(a)anthracene	ND<0.66	2.0	0.33	Benzo(b)fluoranthene	ND<0.66	2.0	0.33
Benzo(k)fluoranthene	ND<0.66	2.0	0.33	Benzo(g,h,i)perylene	ND<0.66	2.0	0.33
Benzo(a)pyrene	ND<0.66	2.0	0.33	Benzyl Alcohol	ND<3.2	2.0	1.6
1,1-Biphenyl	ND<0.66	2.0	0.33	Bis (2-chloroethoxy) Methane	ND<0.66	2.0	0.33
Bis (2-chloroethyl) Ether	ND<0.66	2.0	0.33	Bis (2-chloroisopropyl) Ether	ND<0.66	2.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<0.66	2.0	0.33	4-Bromophenyl Phenyl Ether	ND<0.66	2.0	0.33
Butylbenzyl Phthalate	ND<0.66	2.0	0.33	4-Chloroaniline	ND<1.3	2.0	0.66
4-Chloro-3-methylphenol	ND<0.66	2.0	0.33	2-Chloronaphthalene	ND<0.66	2.0	0.33
2-Chlorophenol	ND<0.66	2.0	0.33	4-Chlorophenyl Phenyl Ether	ND<0.66	2.0	0.33
Chrysene	ND<0.66	2.0	0.33	Dibenzo(a,h)anthracene	ND<0.66	2.0	0.33
Dibenzofuran	ND<0.66	2.0	0.33	Di-n-butyl Phthalate	ND<0.66	2.0	0.33
1,2-Dichlorobenzene	ND<0.66	2.0	0.33	1,3-Dichlorobenzene	ND<0.66	2.0	0.33
1,4-Dichlorobenzene	ND<0.66	2.0	0.33	3,3-Dichlorobenzidine	ND<1.3	2.0	0.66
2,4-Dichlorophenol	ND<0.66	2.0	0.33	Diethyl Phthalate	ND<0.66	2.0	0.33
2,4-Dimethylphenol	ND<0.66	2.0	0.33	Dimethyl Phthalate	ND<0.66	2.0	0.33
4,6-Dinitro-2-methylphenol	ND<3.2	2.0	1.6	2,4-Dinitrophenol	ND<3.2	2.0	1.6
2,4-Dinitrotoluene	ND<0.66	2.0	0.33	2,6-Dinitrotoluene	ND<0.66	2.0	0.33
Di-n-octyl Phthalate	ND<0.66	2.0	0.33	1,2-Diphenylhydrazine	ND<0.66	2.0	0.33
Fluoranthene	ND<0.66	2.0	0.33	Fluorene	ND<0.66	2.0	0.33
Hexachlorobenzene	ND<0.66	2.0	0.33	Hexachlorobutadiene	ND<0.66	2.0	0.33
Hexachlorocyclopentadiene	ND<3.2	2.0	1.6	Hexachloroethane	ND<0.66	2.0	0.33
Indeno (1,2,3-cd) pyrene	ND<0.66	2.0	0.33	Isophorone	ND<0.66	2.0	0.33
2-Methylnaphthalene	ND<0.66	2.0	0.33	2-Methylphenol (o-Cresol)	ND<0.66	2.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<0.66	2.0	0.33	Naphthalene	ND<0.66	2.0	0.33
2-Nitroaniline	ND<3.2	2.0	1.6	3-Nitroaniline	ND<3.2	2.0	1.6
4-Nitroaniline	ND<3.2	2.0	1.6	Nitrobenzene	ND<0.66	2.0	0.33
2-Nitrophenol	ND<3.2	2.0	1.6	4-Nitrophenol	ND<3.2	2.0	1.6
N-Nitrosodiphenylamine	ND<0.66	2.0	0.33	N-Nitrosodi-n-propylamine	ND<0.66	2.0	0.33
Pentachlorophenol	ND<3.2	2.0	1.6	Phenanthrene	ND<0.66	2.0	0.33
Phenol	ND<0.66	2.0	0.33	Pyrene	ND<0.66	2.0	0.33
1,2,4-Trichlorobenzene	ND<0.66	2.0	0.33	2,4,5-Trichlorophenol	ND<0.66	2.0	0.33
2,4,6-Trichlorophenol	ND<0.66	2.0	0.33				

Surrogate Recoveries (%)

%SS1:	90	%SS2:	99
%SS3:	87	%SS4:	86
%SS5:	88	%SS6:	79

Comments: a3

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

a3) sample diluted due to high organic content

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1 905-1; OroLoma Former UST, San Lorenzo	Date Sampled: 10/06/08
		Date Received: 10/06/08
2655 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 10/06/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 10/07/08

CAM / CCR 17 Metals*

Lab ID	0810102-001A	0810102-002A			Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	N-01,02,03,04	S-01,02,03,04				
Matrix	S	S			S	W
Extraction Type	TOTAL	TOTAL			mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 0810102

Dilution Factor	1	1			1	1
Antimony	0.51	0.59			0.5	NA
Arsenic	5.4	5.9			0.5	NA
Barium	160	170			5.0	NA
Beryllium	ND	0.51			0.5	NA
Cadmium	ND	0.39			0.25	NA
Chromium	49.5	64			0.5	NA
Cobalt	14	12			0.5	NA
Copper	29	30			0.5	NA
Lead	41	140			0.5	NA
Mercury	0.087	0.080			0.05	NA
Molybdenum	ND	ND			0.5	NA
Nickel	39	44			0.5	NA
Selenium	ND	ND			0.5	NA
Silver	ND	ND			0.5	NA
Thallium	ND	ND			0.5	NA
Vanadium	63	51			0.5	NA
Zinc	73	84			5.0	NA
%SS:	104	104				

Comments					

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1 905-1; OroLoma Former UST, San Lorenzo	Date Sampled: 10/06/08
		Date Received: 10/06/08
2655 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 10/06/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 10/09/08

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0810102

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	N-01,02,03,04	S	20,d7,d9	ND<0.17	ND<0.017	0.069	0.025	0.21	3.3	87
002A	S-01,02,03,04	S	33,d7,d9	ND	0.011	0.25	0.023	0.29	1	87

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9) no recognizable pattern

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1 905-1; OroLoma Former UST, San Lorenzo	Date Sampled: 10/06/08
		Date Received: 10/06/08
2655 Grant Avenue	Client Contact: Jason Warner	Date Extracted: 10/06/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed 10/07/08-10/08/08

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3550C Analytical methods: SW8015B Work Order: 0810102

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0810102-001A	N-01,02,03,04	S	11,e7,e2,e4	1	110
0810102-002A	S-01,02,03,04	S	14,e7,e2,e4	1	110

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.
e7) oil range compounds are significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 38694 WorkOrder 0810102

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 0810088-033A**

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	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	96.9	95.6	1.34	97.1	97.8	13.4	60 - 130	30	60 - 130	30
Benzene	ND	0.050	108	107	0.874	105	106	8.79	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	83.1	86	3.43	85.2	87	13.3	60 - 130	30	60 - 130	30
Chlorobenzene	ND	0.050	99.4	102	2.24	102	103	9.87	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	98.9	95.9	3.16	96.8	97.5	6.22	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	127	125	1.61	128	130	18.9	60 - 130	30	60 - 130	30
1,1-Dichloroethene	ND	0.050	88.8	87.7	1.25	85.7	88.6	13.4	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	106	106	0	105	106	8.87	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	122	121	0.824	123	125	14.3	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	111	109	2.04	112	114	15.4	60 - 130	30	60 - 130	30
Toluene	ND	0.050	112	111	1.05	109	110	5.13	60 - 130	30	60 - 130	30
Trichloroethene	ND	0.050	104	101	3.06	104	105	14.2	60 - 130	30	60 - 130	30
%SS1:	86	0.12	89	88	1.14	89	89	0	70 - 130	30	70 - 130	30
%SS2:	84	0.12	101	101	0	99	98	5.93	70 - 130	30	70 - 130	30
%SS3:	81	0.012	107	110	2.47	101	106	0.119	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 38694 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0810102-001A	10/06/08	10/06/08	10/09/08 5:51 PM	0810102-002A	10/06/08	10/06/08	10/09/08 6:34 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 enough sample to perform matrix spike and matrix spike duplicate.

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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 38632 WorkOrder: 0810102

EPA Method SW8015B **Extraction SW3550C** **Spiked Sample ID: 0810017-001A**

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	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	7.6	20	96.8	99.9	2.23	100	108	7.11	70 - 130	30	70 - 130	30
%SS:	81	50	81	83	2.70	82	110	29.0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 38632 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0810102-001A	10/06/08	10/06/08	10/07/08 8:14 PM	0810102-002A	10/06/08	10/06/08	10/08/08 1:56 AM

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 enough sample to perform matrix spike and matrix spike duplicate.

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 ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 38687 WorkOrder: 0810102

EPA Method SW8270C **Extraction SW3550C** **Spiked Sample ID: 0810085-001A**

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	RPD	LCS/LCSD	RPD
Acenaphthene	ND<16	2	74	79	6.54	66	68.5	3.67	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND<16	4	42	37.8	10.7	97.5	92.8	5.02	30 - 130	30	30 - 130	30
2-Chlorophenol	ND<16	4	NR	NR	NR	87.7	90.2	2.79	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND<16	2	77.5	81.5	5.03	70	73.6	5.10	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND<16	2	NR	NR	NR	72.8	75.2	3.19	30 - 130	30	30 - 130	30
4-Nitrophenol	ND<80	4	NR	NR	NR	76.3	76.9	0.679	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND<16	2	NR	NR	NR	92.7	95	2.37	30 - 130	30	30 - 130	30
Pentachlorophenol	ND<80	4	NR	NR	NR	64.2	61.5	4.32	30 - 130	30	30 - 130	30
Phenol	ND<16	4	46	45.2	1.64	95.5	97.6	2.23	30 - 130	30	30 - 130	30
Pyrene	ND<16	2	NR	NR	NR	71.2	71.4	0.280	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND<16	2	73	79	7.89	72.7	71.7	1.45	30 - 130	30	30 - 130	30
%SS1:	72	200	NR	NR	NR	84	87	3.82	30 - 130	30	30 - 130	30
%SS2:	74	200	39	46	17.5	106	107	1.58	30 - 130	30	30 - 130	30
%SS3:	80	200	69	73	6.49	83	81	1.44	30 - 130	30	30 - 130	30
%SS4:	95	200	89	92	3.37	68	73	6.88	30 - 130	30	30 - 130	30
%SS5:	45	200	NR	NR	NR	82	80	3.17	30 - 130	30	30 - 130	30
%SS6:	90	200	77	80	3.50	75	74	1.00	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 38687 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0810102-001A	10/06/08	10/06/08	10/07/08 12:01 AM	0810102-002A	10/06/08	10/06/08	10/07/08 1:15 AM

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 enough sample to perform matrix spike and matrix spike duplicate.

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.

#) surrogate diluted out of range; & = low or no recovery of surrogate or target analytes due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0810102

EPA Method: 6020A **Extraction: SW3050B** **BatchID: 38691** **Spiked Sample ID: 0810088-035A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	8.3	50	100	100	0	10	96.7	98.7	2.05	70 - 130	20	80 - 120	20
Arsenic	11	50	101	99.5	0.985	10	98.4	99.1	0.668	70 - 130	20	80 - 120	20
Barium	140	500	101	100	0.667	100	95	94.7	0.295	70 - 130	20	80 - 120	20
Beryllium	ND	50	104	105	1.05	10	113	115	1.76	70 - 130	20	80 - 120	20
Cadmium	0.31	50	97.7	97.5	0.204	10	95.5	97.4	1.93	70 - 130	20	80 - 120	20
Chromium	150	50	NR	NR	NR	10	108	97.1	11.1	70 - 130	20	80 - 120	20
Cobalt	32	50	113	115	1.17	10	102	92	10.6	70 - 130	20	80 - 120	20
Copper	97	50	91.6	90.6	0.351	10	92	91.6	0.534	70 - 130	20	80 - 120	20
Lead	170	50	66.2, F1	69.8, F1	0.894	10	96.5	96.4	0.0829	70 - 130	20	80 - 120	20
Mercury	0.19	1.25	98.8	99.3	0.419	0.25	102	105	2.05	70 - 130	20	80 - 120	20
Molybdenum	3.6	50	94.4	94.4	0	10	91.6	92.6	1.10	70 - 130	20	80 - 120	20
Nickel	290	50	NR	NR	NR	10	91.3	93.3	2.17	70 - 130	20	80 - 120	20
Selenium	ND	50	98	97.3	0.796	10	99.5	100	0.691	70 - 130	20	80 - 120	20
Silver	ND	50	108	107	1.01	10	95.4	97.2	1.81	70 - 130	20	80 - 120	20
Thallium	ND	50	91.1	92.2	1.20	10	89.4	90.9	1.68	70 - 130	20	80 - 120	20
Vanadium	87	50	120	126	1.82	10	108	96.3	11.5	70 - 130	20	80 - 120	20
Zinc	170	500	103	103	0	100	99.6	100	0.840	70 - 130	20	80 - 120	20
%SS:	96	250	100	100	0	250	93	93	0	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

F1 = MS / MSD outside of acceptance criteria. LCS - LCSD validate prep batch.

BATCH 38691 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0810102-001A	10/06/08	10/06/08	10/07/08 10:05 PM	0810102-002A	10/06/08	10/06/08	10/07/08 9:57 PM
0810102-002A	10/06/08	10/06/08	10/07/08 10:13 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.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 38701 WorkOrder 0810102

EPA Method SW8021B/8015Cm **Extraction SW5030B** **Spiked Sample ID: 0810118-001A**

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	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	94.3	97.1	2.98	99.2	110	10.7	70 - 130	20	70 - 130	20
MTBE	ND	0.10	86.3	84.7	1.76	99.1	111	11.3	70 - 130	20	70 - 130	20
Benzene	ND	0.10	92.9	89.9	3.25	92.9	101	8.07	70 - 130	20	70 - 130	20
Toluene	ND	0.10	92.7	90.3	2.64	83.9	87.6	4.21	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	99.8	96.9	3.02	93.9	98.2	4.48	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	110	108	2.10	90.9	94.1	3.48	70 - 130	20	70 - 130	20
%SS:	80	0.10	93	91	2.89	89	89	0	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 38701 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0810102-001A	10/06/08	10/06/08	10/09/08 5:43 PM	0810102-002A	10/06/08	10/06/08	10/09/08 6:27 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.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or 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.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1 905-1; OroLoma Former UST, San Lorenzo	Date Sampled: 10/06/08
2655 Grant Avenue		Date Received: 10/06/08
San Lorenzo, CA 94580	Client Contact: Jason Warner	Date Reported: 10/13/08
	Client P.O.:	Date Completed: 10/24/08

WorkOrder: 0810102

October 28, 2008

Dear Jason:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#CA 1 905-1; OroLoma Former UST,**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0810102

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Jason Warner Bill To: Same

Company: Oro Loma Sanitary District

2655 Grant Avenue

San Lorenzo, CA 94580 E-Mail: suttongeo@sbcglobal.net; bonlooix@yahoo.com

Tele: (510) 435-8270 Fax: ( )

Project #: CA1905-1 Project Name: Oro Loma Former UST

Project Location: San Lorenzo

Sampler Signature: [signature]

SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers	Water	Soil	Air	Sludge	Other	ICE	HCL	HNO_3	Other
N-01		10/6/08		1	gl		X				X			
N-02		10/6/08		1	gl		X				X			
N-03		10/6/08		1	gl		X				X			
N-04		10/6/08		1	gl		X				X			
S-01		10/6/08		1	gl		X				X			
S-02		10/6/08		1	gl		X				X			
S-03		10/6/08		1	gl		X				X			
S-04		10/6/08		1	gl		X				X			

(N-01 to N-04: Composite; S-01 to S-04: Composite)

Analysis Request / Other / Comments

SAMPLE ID	BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA ~~524.2 / 624~~ / 8260 (VOCs)	EPA ~~525.2 / 625~~ / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other: STLC CPF Pb added STD TAT Discrete samples per T-S	Other	Other	Comments: Filter Samples for Metals analysis: Yes / No
N-01	X	X									X	X		X						
N-02	X	X									X	X		X						
N-03	X	X									X	X		X						
N-04	X	X									X	X		X						
S-01	X	X									X	X		X			(X)			
S-02	X	X									X	X		X			(X)			
S-03	X	X									X	X		X			(X)			
S-04	X	X									X	X		X			(X)			

Relinquished By:	Date:	Time:	Received By:
[signature]	10/6/08	1257	[signature]

ICE/t° N/A
GOOD CONDITION____
HEAD SPACE ABSENT____
DECHLORINATED IN LAB____
APPROPRIATE CONTAINERS____
PRESERVED IN LAB____

VOAS O&G METALS OTHER
PRESERVATION________ pH<2________

COMMENTS: gl = 4oz glass jar

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1 905-1; OroLoma Former UST, San Lorenzo	Date Sampled: 10/06/08
2655 Grant Avenue		Date Received: 10/06/08
	Client Contact: Jason Warner	Date Extracted: 10/22/08-10/24/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed: 10/24/08

ICP Metals*

Extraction method CA Title 22 Analytical methods SW6010C Work Order: 0810102

Lab ID	Client ID	Matrix	Extraction Type	Chromium	Lead	DF	% SS
002B	S-01	S	WET	0.11	0.84	1	N/A
002C	S-02	S	WET	0.12	1.6	1	N/A
002D	S-03	S	WET	0.16	8.7	1	N/A
002E	S-04	S	WET	0.11	1.2	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA
	S	WET	0.05	0.2	mg/L

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW6010C

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 39020 WorkOrder 0810102

EPA Method SW6010C **Extraction CA Title 22** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Chromium	N/A	1	N/A	N/A	N/A	99.4	92.1	7.56	N/A	N/A	80 - 120	20
Lead	N/A	1	N/A	N/A	N/A	95.8	91	5.15	N/A	N/A	80 - 120	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 39020 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0810102-002B	10/06/08	10/22/08	10/24/08 7:51 PM	0810102-002C	10/06/08	10/22/08	10/24/08 7:55 PM
0810102-002D	10/06/08	10/22/08	10/24/08 7:59 PM	0810102-002E	10/06/08	10/22/08	10/24/08 8:02 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 ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District 2655 Grant Avenue San Lorenzo, CA 94580	Client Project ID: #CA 1 905-1; OroLoma Former UST, San Lorenzo	Date Sampled:
		Date Received:
	Client Contact: Jason Warner	Date Reported: 11/10/08
	Client P.O.:	Date Completed: 11/10/08

WorkOrder: 0810102

November 10, 2008

Dear Jason:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#CA 1 905-1; OroLoma Former UST,**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0810102

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Jason Warner Bill To: Same
Company: Oro Loma Sanitary District
2655 Grant Avenue
San Lorenzo, CA 94580 E-Mail: suttongeo@sbcglobal.net ; bonluox@yahoo.com
Tele: (510) 435-8270 Fax: ( )
Project #: CA1905-1 Project Name: Oro Loma Former UST
Project Location: San Lorenzo
Sampler Signature: [signature]

SAMPLE ID	LOCATION/ Field Point Name	Sampling Date	Sampling Time	# Containers	Type Containers	Matrix: Water	Soil	Air	Sludge	Other	Method Preserved: ICE	HCL	HNO3	Other
N-01 (Composite N-01 to N-04)		10/6/08		1	gl		X				X			
N-02		10/6/08		1	gl		X				X			
N-03		10/6/08		1	gl		X				X			
N-04		10/6/08		1	gl		X				X			
S-01 (Composite S-01 to S-04)		10/6/08		1	gl		X				X			
S-02		10/6/08		1	gl		X				X			
S-03		10/6/08		1	gl		X				X			
S-04		10/6/08		1	gl		X				X			

Analysis Request

SAMPLE ID	BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2/624 / 8260 (VOCs)	EPA 525.2/625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other: STLC Cr & Pb added Std TAT	Other: Discrete Samples per J.S.	Other	Comments: Filter Samples for Metals analysis: Yes / No — Added STLC Cr-Pb-Rush TAT 11-7-08 per email
N-01	X	X									X	X		X						
N-02	X	X									X	X		X						
N-03	X	X									X	X		X						
N-04	X	X									X	X		X						
S-01	X	X									X	X		X			(X)			X
S-02	X	X									X	X		X			(X)			X
S-03	X	X									X	X		X			(X)			X
S-04	X	X									X	X		X			(X)			X

Relinquished By:	Date:	Time:	Received By:
[signature]	10/6/08	1257	[signature]

ICE/t° [initials]
GOOD CONDITION______
HEAD SPACE ABSENT______
DECHLORINATED IN LAB______
APPROPRIATE CONTAINERS______
PRESERVED IN LAB______

VOAS O&G METALS OTHER
PRESERVATION______ pH<2______

COMMENTS:
gl = 4oz glass jar

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 081010 B **ClientCode: OLD**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jason Warner
Oro Loma Sanitary District
2655 Grant Avenue
San Lorenzo, CA 94580

(510) 435-8270 FAX

Email: suttongeo@sbcglobal.net
cc: bonloox@yahoo.com
PO:
ProjectNo: #CA 1 905-1; OroLoma Former UST, San Lorenzo

Bill to:
Jason Warner
Oro Loma Sanitary District
2655 Grant Avenue
San Lorenzo, CA 94580

Requested TAT: 5 days
Date Received: **10/06/2008**
Date Add-On: **11/07/2008**
Date Printed: **11/07/2008**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
0810102-002	S-01,02,03,04	Soil	10/6/2008	☐	A											

Test Legend:

1	STLC_METALS_Soil	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Ana Venegas

Comments: STLC PB & CR added to S-01, S-02, S-03, & S04 now as DISCRETE samples.----Added STLC CR and PB on a composite of samples S1-S4 on 24 HR TAT per emaiL--11/07/08.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Oro Loma Sanitary District	Client Project ID: #CA 1 905-1; OroLoma Former UST, San Lorenzo	Date Sampled: 10/06/08
2655 Grant Avenue		Date Received: 10/06/08
	Client Contact: Jason Warner	Date Extracted: 11/08/08-11/10/08
San Lorenzo, CA 94580	Client P.O.:	Date Analyzed: 11/10/08

Lead & Chromium*

Extraction method: CA Title 22 Analytical methods: SW6010C Work Order: 0810102

Lab ID	Client ID	Matrix	Extraction Type	Chromium	Lead	DF	% SS
002A	S-01,02,03,04	S	WET	0.15	2.4	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA
	S	WET	0.05	0.2	mg/L

*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.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW6010C

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 39417 WorkOrder 0810102

EPA Method SW6010C **Extraction CA Title 22** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Chromium	N/A	1	N/A	N/A	N/A	93.3	91.1	2.46	N/A	N/A	80 - 120	20
Lead	N/A	1	N/A	N/A	N/A	83.9	87.3	3.89	N/A	N/A	80 - 120	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 39417 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0810102-002A	10/06/08	11/08/08	11/10/08 5:41 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 ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW6010C

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 39417 WorkOrder: 0810102

EPA Method SW6010C **Extraction CA Title 22** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Chromium	N/A	1	N/A	N/A	N/A	93.3	91.1	2.46	N/A	N/A	80 - 120	20
Lead	N/A	1	N/A	N/A	N/A	83.9	87.3	3.89	N/A	N/A	80 - 120	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 39417 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0810102-002A	10/06/08	11/08/08	11/10/08 5:41 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 ELAP Certification 1644

QA/QC Officer

APPENDIX H

Waste Soil Disposal

Bills of Lading

and

Hazardous Waste Manifest

WASTE MANAGEMENT

ALTAMONT LANDFILL & RESOURCE RECOVERY
10840 ALTAMONT PASS RD
LIVERMORE CA 94550

Customer: ORO LOMA SANITARY DISTRICT
Account Number: 554-0387769-2554-7
Invoice Date: 10/01/2008
Invoice Number: 0028100-2554-0
Due Date: Due Upon Receipt
WM ezPay Account ID: 00009-07982-15006

Service Location: 554-387769 Oro Loma Sanitary District: 2655 Grant Avenue: San Lorenzo Ca 94580-1839

Date	Ticket	Description	Quantity	U/M	Rate	Amount
09/02/08	813443	Veh#:up5057				
		Manf#: waf				
		Special waste-lf	22.04	TON	40.00	881.60
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	55.83	55.83
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				943.43
09/02/08	813444	Veh#:vp0301				
		Manf#: waf				
		Special waste-lf	25.42	TON	40.00	1,016.80
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	64.33	64.33
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				1,087.13
09/02/08	813446	Veh#:sp2808				
		Manf#: waf				
		Special waste-lf	23.54	TON	40.00	941.60
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	59.60	59.60
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				1,007.20
09/02/08	813450	Veh#:9d2042				
		Manf#: waf				
		Special waste-lf	22.57	TON	40.00	902.80
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	57.16	57.16
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				965.96
09/02/08	813453	Veh#:9b9748				
		Manf#: waf				
		Special waste-lf	22.22	TON	40.00	888.80
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	56.28	56.28
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				951.08
09/02/08	813454	Veh#:9d7390				
		Manf#: waf				
		Special waste-lf	21.42	TON	40.00	856.80
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	54.27	54.27
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				917.07
09/02/08	813455	Veh#:sp2817				
		Manf#: waf				
		Special waste-lf	23.06	TON	40.00	922.40
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	58.40	58.40
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				986.80
09/02/08	813460	Veh#:9d9916				
		Manf#: waf				
		Special waste-lf	23.71	TON	40.00	948.40
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	60.03	60.03
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				1,014.43

Service Location: 5M 947759 Oro Loma Sanitary District, 2655 Grant Avenue, San Lorenzo Ca 94580-1830

Date	Ticket	Description	Quantity	U/M	Rate	Amount
09/02/08	813464	Veh#:9d5627				
		Manf#: waf				
		Special waste-lf	23.12	TON	40.00	924.80
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	58.55	58.55
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				989.35
09/02/08	813467	Veh#:9e1303				
		Manf#: waf				
		Special waste-lf	24.51	TON	40.00	980.40
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	62.04	62.04
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				1,048.44
09/02/08	813495	Veh#:vp0301				
		Manf#: waf				
		Special waste-lf	20.92	TON	40.00	836.80
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	53.01	53.01
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				895.81
09/02/08	813497	Veh#:up5057				
		Manf#: waf				
		Special waste-lf	21.72	TON	40.00	868.80
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	55.02	55.02
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				929.82
09/02/08	813498	Veh#:sp2808				
		Manf#: waf				
		Special waste-lf	23.52	TON	40.00	940.80
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	59.55	59.55
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				1,006.35
09/02/08	813506	Veh#:9d2042				
		Manf#: waf				
		Special waste-lf	25.36	TON	40.00	1,014.40
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	64.18	64.18
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				1,084.58
09/02/08	813516	Veh#:9b9748				
		Manf#: waf				
		Special waste-lf	20.16	TON	40.00	806.40
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	51.10	51.10
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				863.50
09/02/08	813519	Veh#:9d7390				
		Manf#: waf				
		Special waste-lf	20.84	TON	40.00	833.60
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	52.81	52.81
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				892.41
09/02/08	813522	Veh#:9d9916				
		Manf#: waf				

WASTE MANAGEMENT

ALTAMONT LANDFILL & RESOURCE RECOVERY
10840 ALTAMONT PASS RD
LIVERMORE CA 94550

Account Number:	554-0387769-2554-7
Invoice Date:	10/01/2008
Invoice Number:	0028100-2554-0
Due Date:	Due Upon Receipt
WM ezPay Account ID:	00009-07982-15006

Service Location: 554-387769 Oro Loma Sanitary District 2655 Grant Avenue San Lorenzo Ca 94580-1839

Date	Ticket	Description	Quantity	U/M	Rate	Amount
		Special waste-lf	25.20	TON	40.00	1,008.00
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	63.78	63.78
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				1,077.78
09/02/08	813530	Veh#:9e1303				
		Manf#: waf				
		Special waste-lf	24.81	TON	40.00	992.40
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	62.80	62.80
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				1,061.20
09/02/08	813531	Veh#:9d5627				
		Manf#: waf				
		Special waste-lf	24.74	TON	40.00	989.60
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	62.62	62.62
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				1,058.22
09/02/08	813558	Veh#:sp2808				
		Manf#: waf				
		Special waste-lf	21.49	TON	40.00	859.60
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	54.45	54.45
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				920.05
09/02/08	813559	Veh#:up5057				
		Manf#: waf				
		Special waste-lf	18.71	TON	40.00	748.40
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	47.45	47.45
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				801.85
09/02/08	813575	Veh#:sp2817				
		Manf#: waf				
		Special waste-lf	21.51	TON	40.00	860.40
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	54.50	54.50
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				920.90
09/02/08	813576	Veh#:9d7390				
		Manf#: waf				
		Special waste-lf	20.51	TON	40.00	820.40
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	51.98	51.98
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				878.38
09/03/08	813744	Veh#:9b5132				
		Manf#: waf				
		Special waste-lf	21.74	TON	40.00	869.60
		Gnrtr:164-or				
		Fuel surchge-lf	1.00	PCT	55.08	55.08
		Environmental fee-lf	1.00	LOA	6.00	6.00
		Ticket total				930.68

Total Current Charges 23,232.42

From everyday collection to environmental protection,
Think Green® Think Waste Management.

FOR CHANGE OF ADDRESS OR ANY SERVICE ISSUES CONTACT NUMBER ON PAGE 1

Printed on recycled paper.

CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) | Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAL000086728	1	(800)424-9300	003943182 JJK

GENERATOR

5. Generator's Name and Mailing Address
ORO LOMA SANITARY DISTRICT
2600 GRANT AVE
SAN LORENZO CA 94580-1838
Generator's Phone: (510)276-4700

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: [illegible] | U.S. EPA ID Number: CA[illegible]

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT INC
35251 OLD SKYLINE ROAD
KETTLEMAN CITY CA 93239
Facility's Phone: (559)386-9711

U.S. EPA ID Number: CAT000646117

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON RCRA HAZARDOUS WASTE SOLID (SOIL CONTAMINATED WITH LEAD AND CHROMIUM) CA575443			17.78	TONS	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1 CA575443

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] | Signature: [signature] | Month: 1 | Day: 14 | Year: 09

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAL000066729
2. Page 1 of 1
3. Emergency Response Phone: (800)424-9300
4. Manifest Tracking Number: 003943187 JJK

5. Generator's Name and Mailing Address
ORO LOMA SANITARY DISTRICT
2600 GRANT AVE
SAN LORENZO CA 94580-1838
Generator's Phone: (510)276-4700

Generator's Site Address (if different than mailing address)
13.84 TONS

6. Transporter 1 Company Name: Gross Sons Inc
U.S. EPA ID Number: CAL 000334892 7845

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC
35251 OLD SKYLINE ROAD
KETTLEMAN CITY CA 93239
Facility's Phone: (559)386-9711
U.S. EPA ID Number: CAT000646117

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON RCRA HAZARDOUS WASTE SOLID (SOIL CONTAMINATED WITH LEAD AND CHROMIUM) CA675443			13.84	TONS	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1 CA675443

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [signature] | Signature | Month 1 Day | Year 09

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gabriel Gomez | Signature: [signature] | Month 1 Day 15 Year 09
Transporter 2 Printed/Typed Name | Signature | Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name | Signature | Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

REPORT of INTERIM CORRECTIVE ACTION
FORMER UST SITE ***Case ID: RO0000288***
at the Oro Loma Sanitary District Service Center
2655 Grant Avenue, San Lorenzo,
Unincorporated Alameda County, California

END OF DOCUMENT