

**REPORT FOR SOIL REMOVAL
AND SITE REHABILITATION**

**FORMER GOODYEAR TIRE AND
AUTO SERVICE FACILITY
1045 EAST BROADWAY
SAN DIEGO, CALIFORNIA**



GEOCON
CONSULTANTS, INC.

GEOTECHNICAL
ENVIRONMENTAL
MATERIALS

PREPARED FOR

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GEOCON PROJECT NO. T2439-77-01

SEPTEMBER 9, 2010



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September 9, 2010

BY E-MAIL AND U. S. MAIL

Ms. Shela Wosk
MSD Masada Company, LLC
Post Office Box 122336
San Diego, California 92112

Subject: FORMER GOODYEAR TIRE AND AUTO SERVICE FACILITY
1045 EAST BROADWAY
SAN DIEGO, CALIFORNIA
REPORT OF SOIL REMOVAL AND SITE REHABILITATION

Dear Ms. Wosk:

As requested by the MSD Masada Company, LLC (the Client), Geocon Consultants, Inc. has prepared this Report of Soil Removal and Site Rehabilitation for the property located at 1045 East Broadway in San Diego, California (the Site). This report summarizes the methods used to mitigate the presence of petroleum hydrocarbons and volatile organic compounds indentified in site soils and presents the results of the confirmation soil samples collected post excavation. The scope and methods implemented were done in accordance with requirements and guidelines of the County of San Diego Department of Environmental Health.

Sincerely,

GEOCON CONSULTANTS, INC.

Elizabeth A. Hartung
Senior Staff Geologist

John C. Pfeiffer
PG #6984, CEG #2372

EAH:JCP:JFB:dmc

- (1) Addressee
- (1) Electronic Upload to GEOTRACKER
- (1) County of San Diego (Hand-Delivered)
Department of Environmental Health
Attention: Mr. Keith Kezer

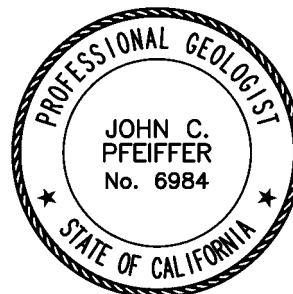


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1. SITE DESCRIPTION AND BACKGROUND

The Site is a former auto service facility located at 1045 East Broadway in San Diego, California (Figure 1); further identified by County of San Diego Assessor's Parcel Number (APN) 534-332-11-00. The rectangular Site totals 0.34 acres, measuring 100 feet wide along East Broadway and 150 feet long along 11th Avenue. The Site is bound to the south by the Fontana Property, to the north by East Broadway, to the east by 11th Avenue, and to the west by a dry cleaning facility and a hotel (Figure 2).

The Site was previously developed with a concrete block two-story building that was occupied by an automotive service facility from approximately 1957 to 2006 (most recently by a Goodyear Tire Company retailer and automotive service center). The building was approximately 50 feet wide by 180 feet long, oriented north to south along the western edge of the Site. The eastern portion of the Site consisted of a paved parking lot for the former business. Following a fire in September 2006, the former building and associated improvements were demolished and the Site then existed as a vacant unpaved pad. The northern 150 feet of the former building was on the Masada portion, APN 534-332-11-00, and southern approximately 30 feet of the former building extended onto the adjacent Fontana Property, APN 534-332-10-00.

The former Goodyear building consisted of a showroom/office area in the northern portion, five automotive service bays equipped with hydraulic hoists in the central portion, and five automotive service bays (four equipped with hydraulic hoists) in the southern portion. Three automotive service bays (two equipped with hydraulic hoists) in the southern portion of the building were located in the 30-foot offsite section of the building and are not a part of the Site. A hydraulic freight elevator was located on the western side of the building. The hydraulic pump and fluid reservoir for the elevator were located north of the elevator. A stormwater clarifier was present outside the eastern wall of the site building.

1.1 Geologic Conditions

The Site is located in the Peninsular Ranges geomorphic province of Southern California (Norris and Webb 1990). This geomorphic province encompasses an area that extends 125 miles from the Transverse Ranges and the Los Angeles Basin south to the Mexican Border and beyond another 775 miles to the tip of Baja California. In general, the province consists of rugged mountains underlain by Mesozoic igneous and metamorphic rocks to the east, and a dissected coastal plain underlain by Cenozoic sediments to the west. The province varies in width from approximately 30 to 100 miles, and is traversed by a group of faults and fault zones trending roughly northwest.

The Site is underlain by Old Paralic Deposits, Unit 6 (formerly known as the Bay Point Formation)(Kennedy and Siang 2005). Old Paralic Deposits, Unit 6, is late to middle Pleistocene in

age, and generally consists of poorly sorted, moderately permeable, reddish-brown, interfingered strandline, beach, estuarine, and colluvial deposits composed of siltstone, sandstone, and conglomerate.

1.2 Hydrogeologic Conditions

The Site is located within the Lindbergh Hydrologic Subarea (908.21) of the San Diego Mesa Hydrologic Area (908.20) of the Pueblo San Diego Hydrologic Unit (908.00)(SWRCB 2008). The California Department of Water Resources (DWR) does not report any wells on or in the vicinity of the Site (DWR 2010). Groundwater is present at a depth of approximately 80 feet in the vicinity of the Site (Secor 2006). Groundwater occurring within the San Diego Mesa Hydrologic Area is excepted from municipal use (SWRCB 1994).

2. PREVIOUS ENVIRONMENTAL REPORTS

2.1 SCS Engineers 2007 (SCS 2007)

Historical information presented in a Phase I ESA by SCS 2007 indicates that the central portion of the Site appears to have been developed with a single-family residence between approximately 1906 and 1920; a single-family residence and a retail store between approximately 1920 and 1926; retail stores and multi-family residences between approximately 1926 and 1942; retail stores, a restaurant, and parking lot between approximately 1947 and 1955; and automotive service businesses between 1957 and 2006.

The automotive service businesses operated a waste oil underground storage tank (UST), a wastewater clarifier, nine hydraulic hoists, a hydraulic elevator, and, SCS speculates, parts cleaners/degreasing units. The waste oil UST was reportedly removed from the Site in 1987. The Phase I ESA identified dry cleaning facilities operated adjacent to the west and across Broadway to the north of the Site for the past 16 and 37 years, respectively.

SCS (2007) concluded that the prior automotive services at the Site may have resulted in releases of petroleum products, solvents, and/or hazardous wastes from the hydraulic hoists, hydraulic elevator, parts cleaners/degreasing units, wastewater clarifier, and/or UST. SCS also identified the prior onsite residential land use as a potential source of burn ash and/or metal-containing fill at the Site. SCS identified potential sources of contamination resulting from the two adjacent drycleaners.

2.2 Geocon Consultants, Inc. 2008 (Geocon 2008)

In January 2008 we advanced 20 soil borings on the Site using a Strataprobe direct-push rig. We converted 10 of the 20 soil borings to soil vapor probes and collected soil vapor samples from the probes. The soil vapor samples were analyzed for volatile organic compounds (VOCs) by EPA Test

Method 8260B. We prepared a report outlining our findings from this initial subsurface investigation of the Site (Geocon 2008).

Laboratory analysis of soil samples detected total petroleum hydrocarbons (TPH) in 13 of the 20 soil borings at depths ranging from 2 to 10 feet. TPH concentrations ranged from 13 to 1,000 milligrams per kilogram (mg/kg). Laboratory analysis also detected tetrachloroethene (PCE) in soil samples collected from 4 of the 20 borings at concentrations ranging from 5.4 to 11 micrograms per kilogram ($\mu\text{g/kg}$). Polychlorinated biphenyls (PCB) were detected in soil samples collected from 2 of the 20 borings with concentrations ranging from 18 to 28 $\mu\text{g/kg}$. The analytical results for soil samples are summarized in Tables 1 through 4 of Appendix A.

We collected five soil vapor samples from the soil vapor probes on the Site and had them analyzed for VOCs. Four of the soil vapor samples had detectable concentrations of PCE with concentrations ranging from 1.2 to 23 micrograms per liter ($\mu\text{g/l}$). Analytical results for the soil vapor samples are summarized in Table 5 of Appendix A.

2.3 Geocon Consultants, Inc. 2009 (Geocon 2009)

The hydraulic automotive lifts and the freight elevator hydraulic cylinder were removed on June 30, 2009. We then conducted additional assessment activities on July 1, 2009 in an effort to identify impacts the removed infrastructure may have had on the property. These additional assessment activities were documented in an October 2009 report (Geocon 2009) and are summarized below.

On July 13, 2009 we used a Strataprobe direct-push drill rig to advance seven direct-push borings to a maximum depth of 19 feet at the locations of the former hydraulic lifts 1 through 6 (HL1 through HL6) and at the location of the former freight elevator (EL1). Soil samples were collected in acetate sample liners. We monitored the soil for the presence of volatile organic vapors using a hand-held photoionization detector (PID) during sampling activities.

We submitted 15 soil samples for PCB analysis by EPA Test Method 8082A, VOCs by EPA Test Method 8260B, gasoline range organics (GRO or TPHg), diesel range organics (DRO or TPHd), and oil range organics (ORO or TPHo), by 8015B and benzene, toluene, ethylbenzene, and xylenes (BTEX) by 8020 and held the remaining soil samples pending receipt of the analytical test results for the first 15 samples. The laboratory reported concentrations of DRO, ORO, and PCE of 14,000 mg/kg, 21,000 mg/kg, and 4,800 $\mu\text{g/kg}$, respectively, in EL1. Based on those results, we then submitted two additional soil samples from EL1 for analytical testing. The laboratory reported concentrations of DRO, ORO, and PCE at 13,000 mg/kg, 20,000 mg/kg, and 5,500 $\mu\text{g/kg}$, respectively, to the maximum depth explored of approximately 18.5-19.0 feet.

On August 17, 2009, we attempted to advance an additional 13 borings with a Strataprobe direct-push drill rig to a maximum depth of 30 feet to delineate the vertical and lateral extent of TPH and PCE. We were able to advance ten of the borings to a maximum depth of 30 feet, but a cobble layer at a depth of approximately 10 feet prevented us from advancing three of the borings to their proposed depths. We collected soil samples from the borings and submitted eleven of them for laboratory analysis for TPH by EPA Test Method 8015B and VOCs by EPA Test Method 8260B. We advanced B21 in the same location that we advanced EL1 in order to evaluate the vertical extent of the TPH and PCE contamination in the vicinity of the former freight elevator.

We converted EL1/B21, B22, and B24 through B30 into soil vapor probes. We established soil vapor probes at a depth of 5 feet in B24, B28, and B29, at 5 and 10 feet in B25 through B27, and B30, and at 5, 10, 15, and 20 feet in B21 and B22. We constructed the soil vapor probes with a sand filter material placed around the perforated tubing. The borings were then sealed above the perforated interval with bentonite grout.

On August 21, 2009 we advanced three additional borings on the Site using a hollow stem auger drilling rig. We advanced boring B31 in the vicinity of HL1 and borings B32 and B33 to the north and south of the former freight elevator, respectively. We collected soil samples by driving a Standard Penetration Test (SPT) split-spoon sampler fitted with stainless steel sample tubes inside the sampler at 5-foot intervals. We submitted 15 soil samples from these borings for analysis for TPH and VOCs by EPA Test Method 8015B and 8260B, respectively. We converted B31 and B32 to soil vapor probes with probes at 5, 10 and 15 feet in B31, and 5, 10, 15, and 19.5 feet in B32. The boring locations are presented on Figure 2 of Appendix A.

TPH was detected in 26 of the 52 soil samples analyzed at concentrations ranging from 13 to 16,000 mg/kg for the C₈-C₄₀ (total) range, <1.0 mg/kg to 1.1 mg/kg for GRO (C₅-C₁₂), 11 mg/kg to 14,000 mg/kg for DRO (C₁₀-C₂₈), and 11 mg/kg to 21,000 mg/kg for ORO (C₁₈-C₃₆). The highest TPH concentrations were reported for soil samples collected from boring EL1/B21 from approximately 13.5 feet bgs to 25.5 feet bgs. The majority of the TPH reported for these samples was within the hydrocarbon range of oil (C₁₈-C₄₀). The results of the TPH analyses are summarized in Table 1. The TPH results are listed by the carbon range: C₈-C₁₀, C₁₀-C₁₈, C₁₈-C₂₈, C₂₈-C₃₆, and C₃₆-C₄₀, and total C₈-C₄₀, and as GRO, DRO, and ORO. A cross-section of the underlying geology and concentration of petroleum hydrocarbons in soil is presented on Figure 3 of Appendix A.

The VOCs benzene, methylene chloride, naphthalene, and PCE were detected in the soil samples with maximum concentrations of 5.4 µg/kg, 11 µg/kg, and 5,500 µg/kg reported for benzene, naphthalene, and PCE, respectively. ATL stated that the methylene chloride detections are possibly a

laboratory contaminant. Benzene was only detected in the soil sample collected from B32 at 10.5-11.0 feet bgs and naphthalene was only detected in the soil sample collected from EL1 at 13.5-14.0 feet. PCE was detected in soil samples collected from HL1, EL1, B21, B32, and B33 with the highest concentration of 5,500 µg/kg reported for the sample collected from EL1/B21 at 18.5-19.0 feet. The results of the VOC analyses are summarized in Table 2 of Appendix A. A cross-section of the concentration of VOCs in soil is presented on Figure 4 of Appendix A.

The PCB Aroclor 1260 was detected in 1 of 26 soil samples analyzed (HL1-7.5-8.0), at a concentration of 37 µg/kg. The results of the PCB analyses are summarized in Table 3 of Appendix A.

Lead was detected in each of the nine soil samples analyzed. The highest concentrations of lead reported were 57 mg/kg, 80 mg/kg, and 81 mg/kg in confirmation samples Clarifier (Northwall) 4.0', Clarifier (Eastwall) 4.0', and Hoist 7 (Eastwall) 4.5', respectively. The results of the metal analyses are summarized in Table 4 of Appendix A.

Benzene was detected in 4 of 27 soil vapor samples analyzed and PCE in 25 of the 27 samples analyzed. The highest concentration of benzene detected was 0.50 µg/l (500 µg/m³) in soil vapor sample B21-5. The highest concentration of PCE detected was 91 µg/l (91,000 µg/m³) in soil vapor sample B21-20. The reported concentrations of benzene and PCE exceed the California Human Health Screening Levels (CHHSLs) for residential and industrial land use. The CHHSLs for benzene are 36.2 µg/m³ and 122 µg/m³ for residential and industrial land use, respectively. The CHHSLs for PCE are 180 µg/m³ and 603 µg/m³ for residential and industrial land use, respectively. No other VOCs were detected at or greater than the laboratory detection limits in the soil vapor samples analyzed. The results of the soil vapor analyses are summarized in Table 5 of Appendix A.

2.4 Geocon Consultants, Inc. 2010a (Geocon 2010a)

On March 30, 2010, we submitted a workplan to DEH for removal of soils impacted by petroleum hydrocarbons and VOCs (Geocon 2010a). The workplan outlined the removal and disposal of soils from three areas of concern on the Site identified as Area A, Area B, and Area C. Area A consisted of the soils in the vicinity of former hydraulic lifts HL1 and HL2. The proposed excavation boundary was an approximate 10 x 10 (100 square feet area) to a depth of 15 feet. Area B consisted of the soils in the vicinity of former hydraulic lifts HL3, HL4, and HL5. The proposed excavation boundary of Area B was a 10 x 20 (200 square feet) area to a depth of five feet. Area C consisted of the soils in the vicinity of the former freight elevator with a surface area dimension of 12 x 12 feet (144 square feet) to a depth of 35 feet. The excavated soils were to be stockpiled and profiled for offsite disposal to a licensed facility. The workplan is attached herein as Appendix A.

2.5 Geocon Consultants, Inc. 2010b (Geocon 2010b)

On May 7, 2010, we prepared and submitted a workplan addendum to DEH providing additional graphic illustration of the identified subsurface impacts relative to the proposed excavation and removal boundaries (Geocon 2010b). The workplan addendum is attached herein as Appendix B.

On May 25, 2010, we prepared and submitted formal notification to DEH of our intent to implement removal and disposal actions (Appendix C). The *Notification of Workplan Implementation* dated May 25, 2010 is provided in Appendix D. Per the requirements of the Community Health and Safety Plan, dated May 7, 2010 (Appendix E) public notices were placed on the perimeter security fencing prior to work commencement.

3. NATURE AND EXTENT OF IMPACTS

The information collected during the previous environmental site assessment activities was used to identify the constituents of concern (COCs) at the site and to characterize their respective concentrations and distributions.

3.1 Constituents Of Concern

The primary COCs identified in subsurface soil at the site were petroleum hydrocarbons (variously characterized as TPH, DRO, and ORO) and PCE. Secondary COCs identified in site soils, but at relatively low concentrations, limited distribution, and within areas encompassed by the primary COCs, were PCBs, benzene, and naphthalene. It is noteworthy that the detected petroleum hydrocarbons were predominantly in the heavier diesel- and oil-ranges. The lighter and more mobile GRO had only a relatively minor presence in site soils. The range of concentrations identified for each COC were as follows:

Constituent of Concern Summary					
Target Analyte	# Samples Analyzed	# Non-Detects (Detection Limit)	# Detections	Minimum Detection	Maximum Detection
TPH (C ₈ -C ₄₀)	73	42 (<10 mg/kg)	31	13 mg/kg	16,000 mg/kg
C ₈ -C ₁₈ (TPH subset)	73	57 (<10 mg/kg)	16	15 mg/kg	<200 mg/kg
C ₁₈ -C ₄₀ (TPH subset)	73	42 (<10 mg/kg)	31	13 mg/kg	16,000 mg/kg
GRO (C ₅ -C ₁₂)	17	15 (<1 mg/kg)	2	1.1 mg/kg	1.1 mg/kg
DRO (C ₁₀ -C ₂₈)	26	17 (<10 mg/kg)	9	11 mg/kg	14,000 mg/kg
ORO (C ₁₈ -C ₃₆)	26	14 (<10 mg/kg)	12	11 mg/kg	21,000 mg/kg
PCE	72	57 (<5 µg/kg)	15	5.4 µg/kg	5,500 µg/kg
Benzene	72	71 (<5 µg/kg)	1	5.4 µg/kg	5.4 µg/kg
Naphthalene	72	71 (<5 µg/kg)	1	11 µg/kg	11 µg/kg
PCB (Aroclor 1254)	34	32 (<16 µg/kg)	2	18 µg/kg	28 µg/kg
PCB (Aroclor 1260)	34	33 (<16 µg/kg)	1	37 µg/kg	37 µg/kg

3.2 Distribution of Impacts

Minor petroleum hydrocarbon impacts were present in shallow soils around much of the site, but significant petroleum hydrocarbon impacts were present in three primary areas: the immediate vicinity of hydraulic lifts HL1, identified herein as Area A; the area between hydraulic lifts HL3, HL4 and HL5, identified herein as (part of) Area B; and soils beneath the former freight elevator, identified herein as Area C. Areas A, B and C are illustrated on Figure 2. These three areas had TPH concentrations at or in excess of 1,000 mg/kg. Detections of the other COCs were predominantly limited to soils within these same three areas.

The maximum depth of impacted soils in these areas was on the order of 10 to 12 feet for Area A, 4 to 5 feet for Area B and 32 to 34 feet for Area C. Depth to groundwater at the site is on the order of 80 feet.

4. REMEDIAL APPROACH

The boundaries of the proposed soil removal areas were developed to remove soil with a TPH concentration at or greater than 1,000 mg/kg. This proposed delineation value is a default threshold in the DEH SAM Manual and is identified as a threshold that will be protective of groundwater. The limits of the proposed removal area also encompass all areas of detected PCB impact and most areas of detected PCE impact to soil (Figure 2). The excavation limits for Areas A, B, and C are presented on Figure 3 and in cross-section on Figure 4. The bottom confirmation soil samples for Areas A and B are summarized on Figure 3. The excavation limits and sidewall confirmation soil sample locations for Areas A and B are shown in plan view on Figures 5 and 6, respectively. Figure 7 shows the bottom and sidewall confirmation soil samples for Area C. These figures illustrate the actual removal boundary relative to the proposed removal boundary in plan view and cross-section.

On June 1, 2010 work crews mobilized to the Site to begin removal activities. The following sections describe details regarding the removal actions conducted for each area. Onsite soil removal and disposal activities took place June 1 through June 27, 2010. Field crews used a PID during active soil excavation to monitor for the presence of VOCs in the ambient air. No VOCs were detected in ambient air during soil removal and disposal activities.

4.1 Area A Removal

The excavation limits of Area A were approximately 12 x 12 feet to a depth of 13.5 feet for an approximate removal volume of 72 cubic yards. The soils were removed using an excavator and stockpiled on plastic sheeting for characterization prior to transport and disposal. Dust was controlled during the excavation activities with water. Soils removed from Area A consisted of undocumented fill material in the upper 5 feet with formational materials encountered beneath the depth of 5 feet. Confirmation soil samples were collected from the approximate center of each sidewall of the

excavation and two samples were collected from the northern and southern halves of the excavation bottom.

Confirmation soil samples were analyzed for the presence of petroleum hydrocarbons in the extended carbon range and VOCs using EPA Test Methods 8015B(M) and 8260B, respectively. The results are summarized in Table 1. With only one exception, COCs were not detected at or greater than the Method Reporting Limits (MRLs) in the sidewall and bottom confirmation soil samples for Area A. That exception was a single detection of petroleum hydrocarbons in the eastern sidewall sample (sample ID – Area-A-Eastwall-5') at a concentration of 35 mg/kg. This single detection was substantially less than the target goal of 1,000 mg/kg and did not indicate that further soil removal was necessary. Copies of the laboratory analytical reports are provided in Appendix F.

Based on suitable laboratory analytical results for Area A confirmation samples, the Area A excavation was backfilled. Backfilling of Area A was accomplished using a concrete and sand slurry mix rather than soil backfill. The slurry was selected as a more efficient option because it eliminated the need for testing and characterizing potential import soil for both COCs and geotechnical suitability. The concrete and sand slurry was obtained from Hanson Aggregates and delivered to the property via concrete trucks. The slurry mix was used to fill the excavation to the surrounding ground surface elevation.

4.1.1 Area A – Stockpile Characterization

Two representative composite soil samples were collected from the stockpiled soils excavated from Area A and submitted to a fixed laboratory for analysis. Analyses included Title 22 Metals, TPH extended range, VOCs, and PCBS using EPA Test Methods 6010B, 8015B(M), 8260B, and 8082, respectively, as summarized in Table 4. The analytical results were submitted to Western Environmental, Inc. for waste profile characterization in support of soil disposal. Based on the laboratory analytical results the excavated soil was classified as a non-hazardous waste and shipped to the licensed disposal facility in Mecca, California under non-hazardous waste manifest. Copies of the waste manifests are provided in Appendix G.

4.2 Area B – Removal

The excavation limits of Area B were approximately 15 x 30 feet to an overall depth of 5 feet. A 5-foot by 5-foot area in the approximate center was further excavated to a depth of 10 feet. Approximately 113 cubic yards of soils were removed using an excavator was stockpiled on plastic sheeting for characterization prior to transport and disposal. Dust was controlled during the excavation activities with water. Soils removed from Area B consisted of undocumented fill soils in the upper 5 feet with formational materials encountered beneath the depth of 5 feet. Confirmation soil samples were collected from the approximate center of each sidewall as well as from the north and

south halves of the excavation bottom. An additional sample was collected from the center of the deeper pit excavation. Figures 4 and 6 provide the approximate location of confirmation soil samples collected from Area B.

Confirmation soil samples were analyzed for petroleum hydrocarbons in the extended carbon range and VOCs using EPA Test Methods 8015B(M) and 8260B, respectively. Table 2 provides a summary of the laboratory analytical results. With only one exception, COCs were not detected at or greater than the MRL in the sidewall and bottom confirmation soil samples. That exception was 57 mg/kg petroleum hydrocarbons in the southern-half bottom sample (sample ID – Area B S bottom - 5'). This single detection was substantially less than the target goal of 1,000 mg/kg and did not indicate that further soil removal was necessary. Based on the laboratory analytical results obtained from Area B confirmation soil samples, the decision was made to backfill the excavation. Backfilling was performed as described for Area A. Laboratory analytical reports are provided in Appendix F.

4.2.1 Area B – Stockpile Characterization

One representative composite soil sample was collected from the stockpiled soils excavated from Area B and submitted to a fixed laboratory for analysis. Analyses included Title 22 Metals, TPH extended range, and VOCs using EPA Test Methods 6010B, 8015B(M), and 8260B, respectively, as summarized in Table 4. The analytical results were submitted to Western Environmental, Inc. for waste profile characterization in support of soil disposal. Based on the laboratory analytical results the excavated soil was classified as a non-hazardous waste and shipped to the licensed disposal facility in Mecca, California under non-hazardous waste manifest. Copies of the waste manifests are provided in Appendix G.

4.3 Area C – Removal

The excavation limits of Area C were approximately 12 x 12 feet to an overall depth of 35 feet; but with several portions extended to a depth of 40 feet. Approximately 200 cubic yards of soils were removed using a 3-foot-diameter bucket auger and stockpiled on plastic sheeting for characterization prior to transport and disposal. Dust was controlled during the excavation activities with water. Soils removed from Area C consisted of undocumented fill soils in the upper 5 feet with formational materials encountered beneath the depth of 5 feet. The removal of soils from Area C was accomplished using a system of pattern drilling and backfilling with a concrete and sand slurry mix.

Confirmation soil samples were collected from the bottoms of each of the auger borings at the planned completion depth. With the exception of the bottom confirmation soil sample collected from the boring referenced as Area C 1N1E, bottom confirmation soil samples at the depth of 35 feet did not have concentrations of petroleum hydrocarbons exceeding the laboratory detection limit. The confirmation soil sample collected from Area C 1N1E at 35 feet had a detected concentration of ORO

of 1,800 mg/kg. Based on this result, an additional five feet of soil was excavated from this and the surrounding borings. Two bottom confirmation soil samples collected from Area C 1N1E and Area C 1S1E at a depth of 40 feet were analyzed. These two confirmation soil samples had ORO concentrations of 54 mg/kg and 120 mg/kg, respectively. Confirmation soil samples were also collected from the exterior borings to analyze the soil near the sidewalls of the excavation. The confirmation soil sample collected from Area C 1N2W sidewall 25' had a concentration of ORO of 29,000 mg/kg. This soil sample was collected along the western boundary of the excavation, adjacent to the structure located on the western adjacent parcel, therefore we were unable to extend our excavation further to the west onto the adjacent parcel. Table 3 provides a summary of the laboratory analytical results. Figure 7 shows the approximate location of confirmation soil samples collected from Area C and the approximate removal boundaries.

4.3.1 Area C – Stockpile Characterization

Two representative composite soil samples were collected from the stockpiled soils excavated from Area C and submitted to a fixed laboratory for analysis. Analyses included Title 22 Metals, TPH extended range, and VOCs using EPA Test Methods 6010B, 8015B(M), and 8260B, respectively as summarized in Table 4. The analytical results were submitted to Western Environmental, Inc. for waste profile characterization in support of soil disposal. Based on the laboratory analytical results the excavated soil was classified as a non-hazardous waste and shipped to the licensed disposal facility in Mecca, California under non-hazardous waste manifest. Copies of the waste manifests are provided in Appendix G.

5. CONCLUSIONS

In total approximately 406 cubic yards of petroleum-impacted soil were excavated from Areas A, B, and C at the Site and hauled to Western Environmental's disposal facility in Mecca, California, during June 1 through June 27, 2010. Based on the results of confirmation soil sampling, the implemented remedial action removed the majority of soils identified as having been impacted by petroleum hydrocarbons and VOCs. The property is now slated for development as a paved parking lot for the near-term. As discussed by the DEH in their May 12, 2010 letter, the planned land use is appropriate.

The purpose of the removal action was to substantially remove Site soils that were impacted by petroleum hydrocarbons, VOCs, and other secondary COCs and thereby facilitate future land redevelopment beyond a parking lot. At such point that specific plans are being considered for further development of the Site, additional Site characterization and mitigation may be required to address identified soil vapor impacts and the potential presence of elevated lead levels in shallow fill material. Any additional Site characterization activities shall be conducted in accordance with an associated sampling and analysis workplan that would be reviewed and approved in advance by the DEH.

6. REFERENCES

Division of Oil, Gas & Geothermal Resources – DOGGR Home Page, State of California Department of Conservation, http://www.consrv.ca.gov/dog/maps/Pages/index_map.aspx, July 19, 2010.

[DWR] California Department of Water Resources. (2010). *Water Data Library Homepage* [online]. Available: <http://www.water.ca.gov/waterdatalibrary/>

Geotracker, 2009. California State Water Resources Board. <http://geotracker.swrcb.ca.gov/>

Geocon Consultants, Inc. (Geocon),

- (2008). *Limited Environmental Site Assessment and Analytical Testing, 1045 E. Broadway, San Diego, California*, dated April 3, 2008.
- (2009). *Additional Soil and Soil Vapor Investigation, Former Goodyear Tire and Auto Service Facility, 1045 East Broadway, San Diego, California*, dated October 15, 2009.
- (2010a). *Workplan for Soil Removal and Site Rehabilitation, Former Goodyear Tire and Auto Service Facility, 1045 East Broadway, San Diego, California*, dated March 30, 2010.
- (2010b). *Workplan Addendum, 1045 East Broadway, San Diego, California*, dated May 7, 2010.

Norris, R.M. and Webb, R.W. (1990). *Geology of California* (2nd edn). New York: John Wiley & Sons, Inc.

San Diego Regional Water Quality Control Board. *San Diego Region – Watershed Management Chapter*. [online]. Available: http://www.swrcb.ca.gov/rwqcb9/water_issues/programs/wmc/docs/wmchapxa102.pdf

Secor, (2006), *Site Assessment Report, Former Chevron Service Station No. 9-0023, 1221 11th Avenue, San Diego, California UAR Case No. H12461-003*, dated October 10.

[SWRCB] California State Water Resources Control Board. (1994). *Water Quality Control Plan for the San Diego Basin (9), San Diego, California*.

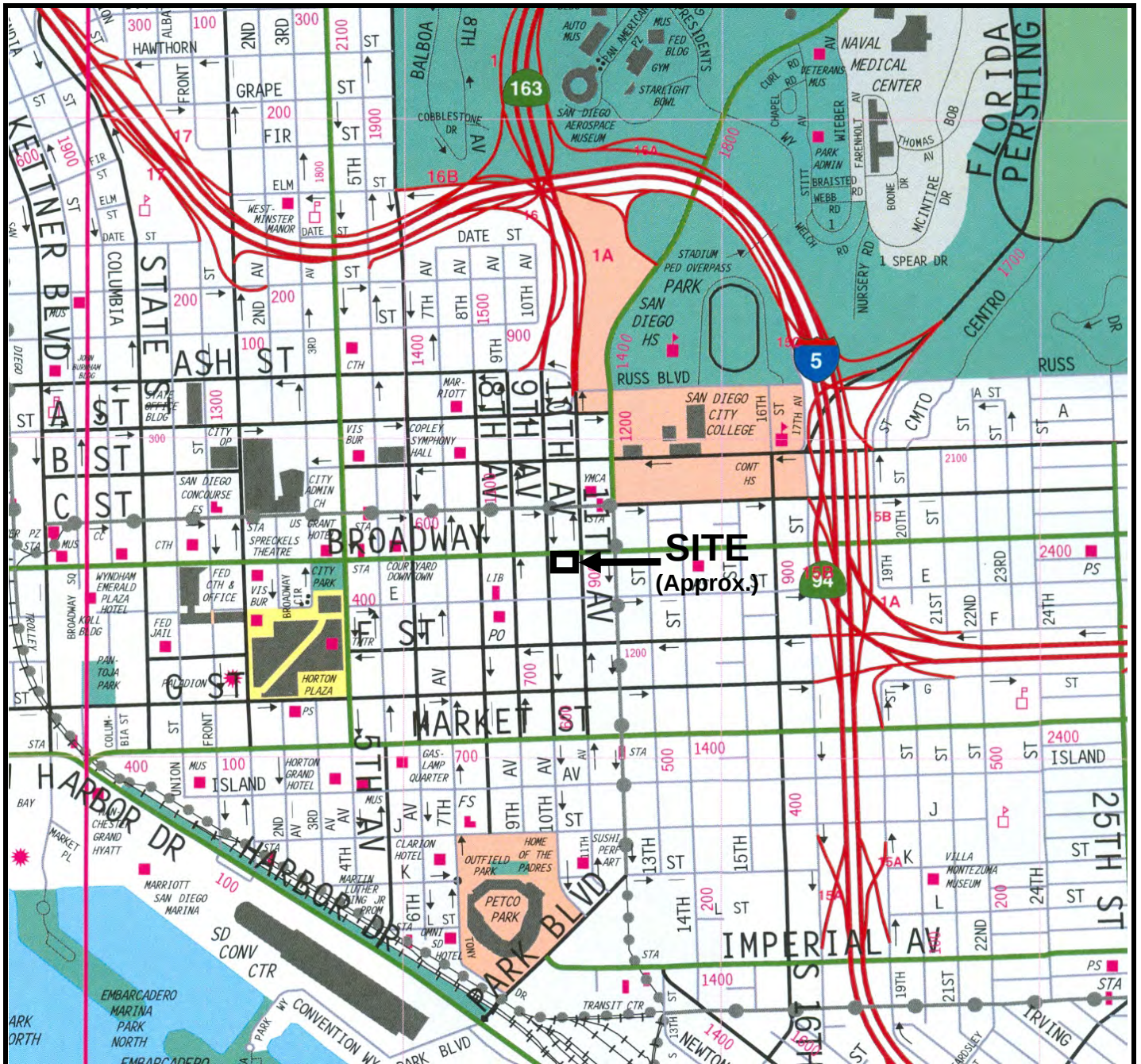
Tan, S.S. and Kennedy, M.P. (2005). *Geologic Maps of the San Diego 30' X 60' Quadrangle, California*, United States Geological Survey, Department of Earth Sciences, University of California, Riverside.

7. LIMITATIONS

This report has been prepared exclusively for the MSD Masada Company, LLC. The information obtained is only relevant as of the date of the latest Site visit. The information contained herein is only valid as of the date of the report, and may require an update to reflect additional information obtained.

The MSD Masada Company, LLC should recognize that this report is not a comprehensive site characterization and should not be construed as such. The findings and conclusions as presented in this report are predicated on the results of the limited sampling and laboratory analyses performed, based on the scope of services requested by the client. It is possible that conditions may exist in the subsurface between the areas explored that could significantly change the conclusions and recommendations stated in this report. In addition, the information obtained is not intended to address potential impacts related to sources other than those requested by the MSD Masada Company, LLC as specified herein.

Therefore, the report should only be deemed conclusive with respect to the information obtained. No guarantee or warranty of the results of the report is implied within the intent of this report or any subsequent reports, correspondence, or consultation, either express or implied. Geocon strived to perform the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.



SOURCE: 2007 THOMAS BROS. MAP DIGITAL EDITION
SAN DIEGO & IMPERIAL COUNTIES, CALIFORNIA

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Approximate Scale
1 in. = 1,300 ft.

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EAH

VICINITY MAP

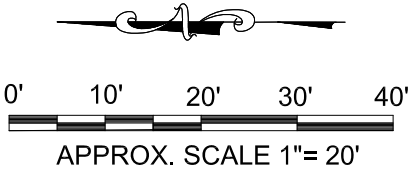
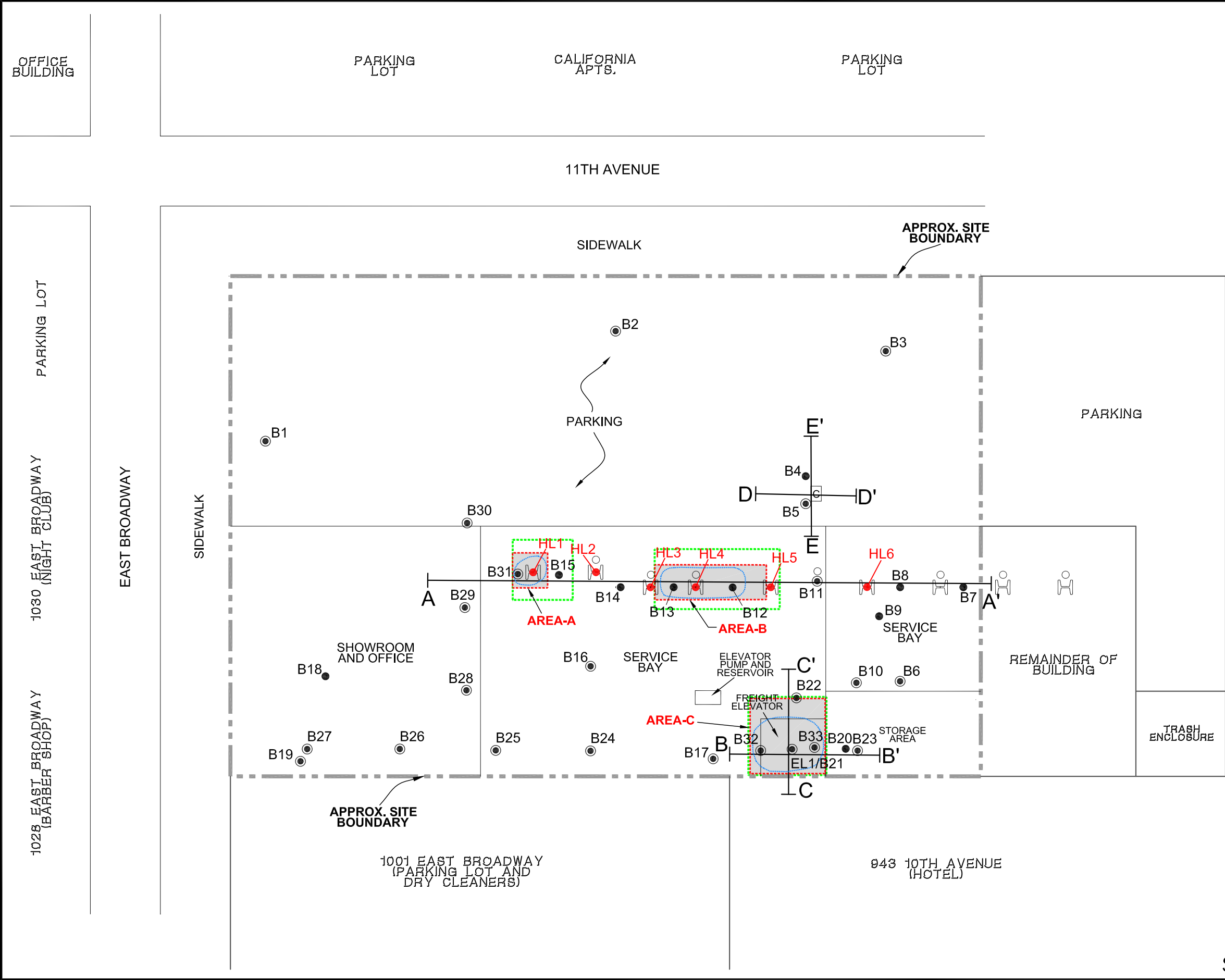
1045 E. BROADWAY
SAN DIEGO, CALIFORNIA

DATE: 09-09-2010

PROJECT NO. T2439-77-01

FIG. 1

1045 E. BROADWAY
SAN DIEGO, CALIFORNIA



GEOCON LEGEND

- B33.....APPROX. LOCATION OF BORING AND SOIL VAPOR PROBE(S)
- B20.....APPROX. LOCATION OF BORING
-INGROUND HYDRAULIC LIFT
-APPROX. LOCATION OF CLARIFIER
-APPROX. LOCATION OF DRAIN
-APPROX. LOCATION OF CROSS - SECTION
- HL6.....APPROX. LOCATION OF BORING
-APPROX. REMOVAL BOUNDARY
-APPROX. PROPOSED EXCAVATION AREA
-APPROX. .LIMITS OF IMPACT

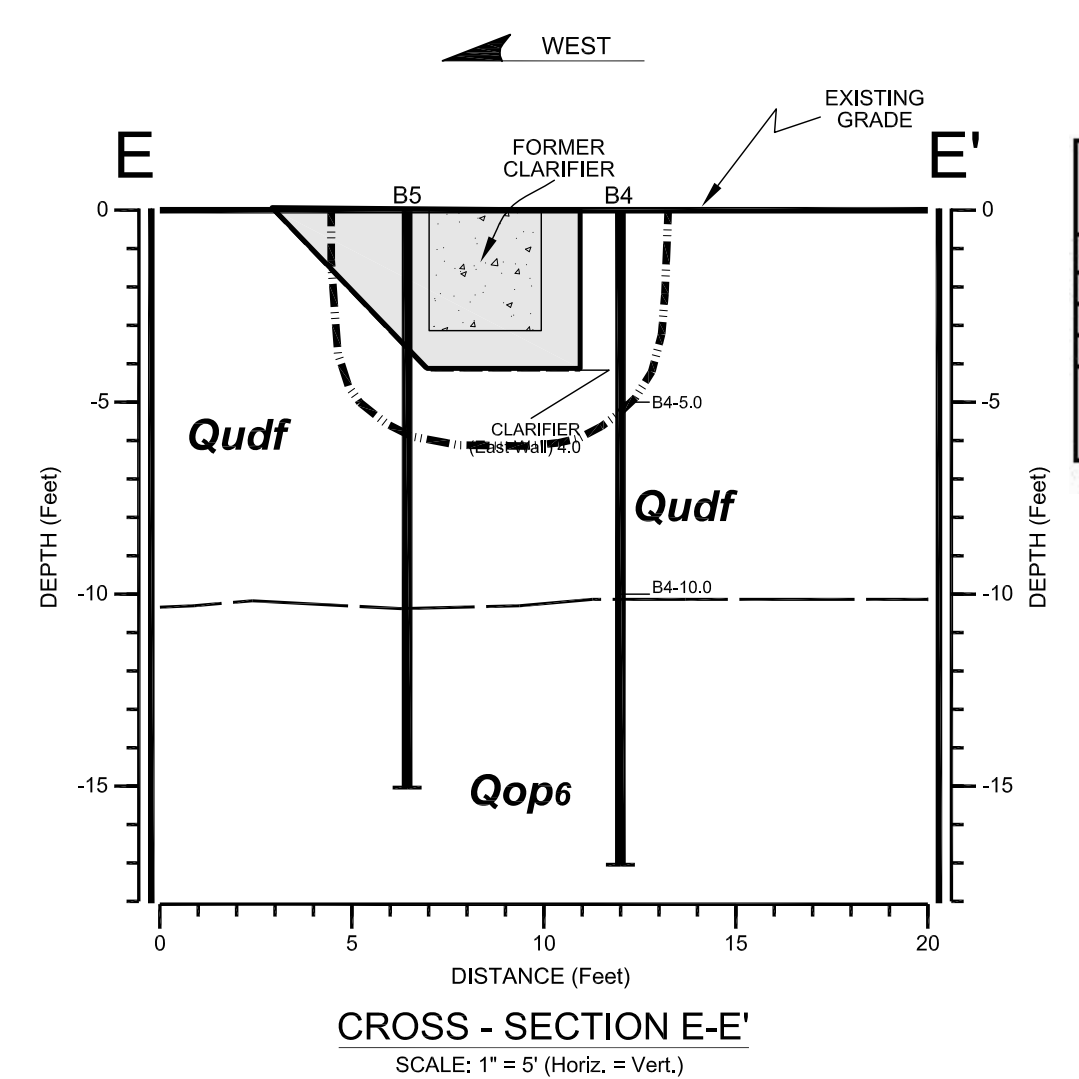
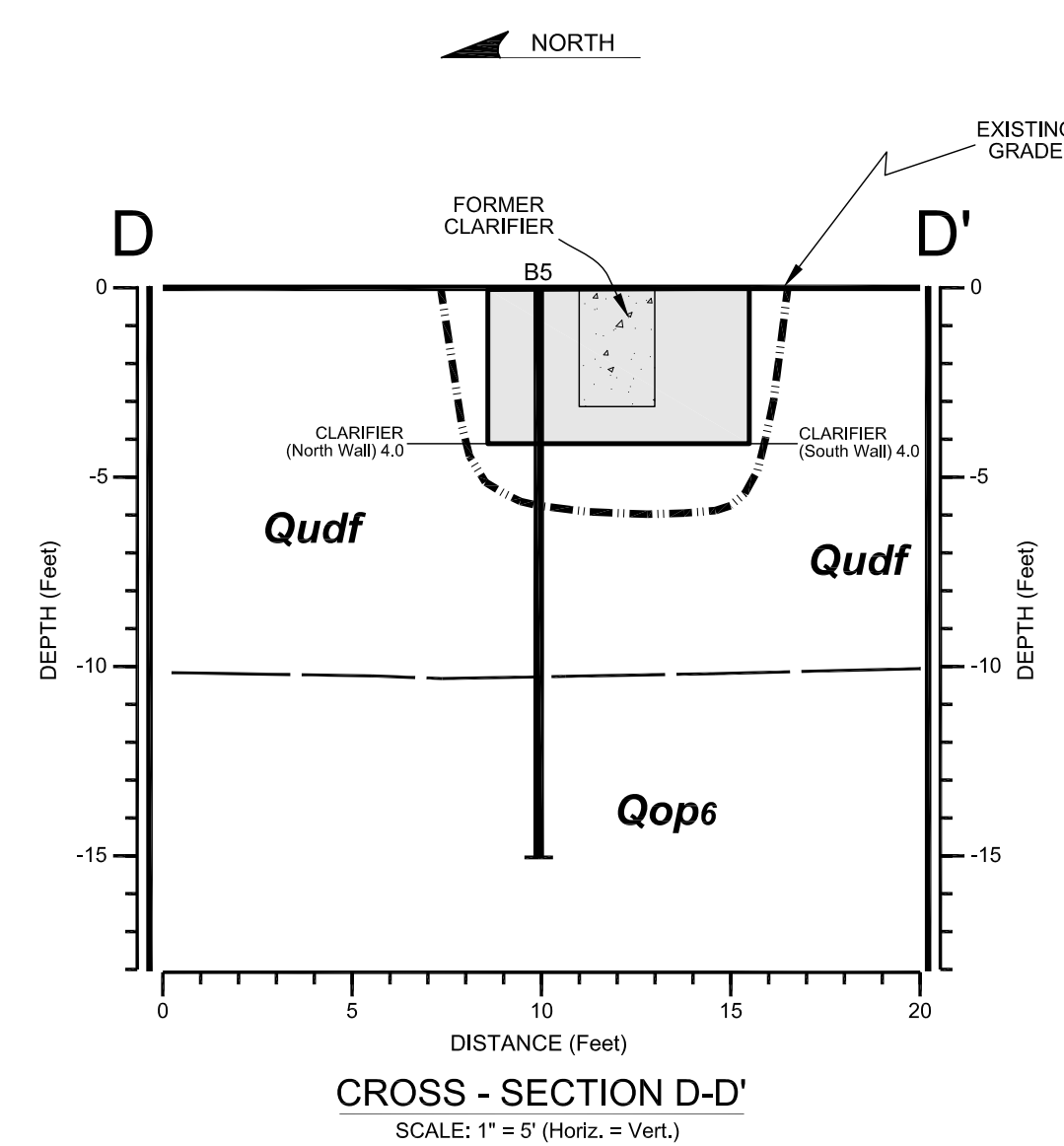
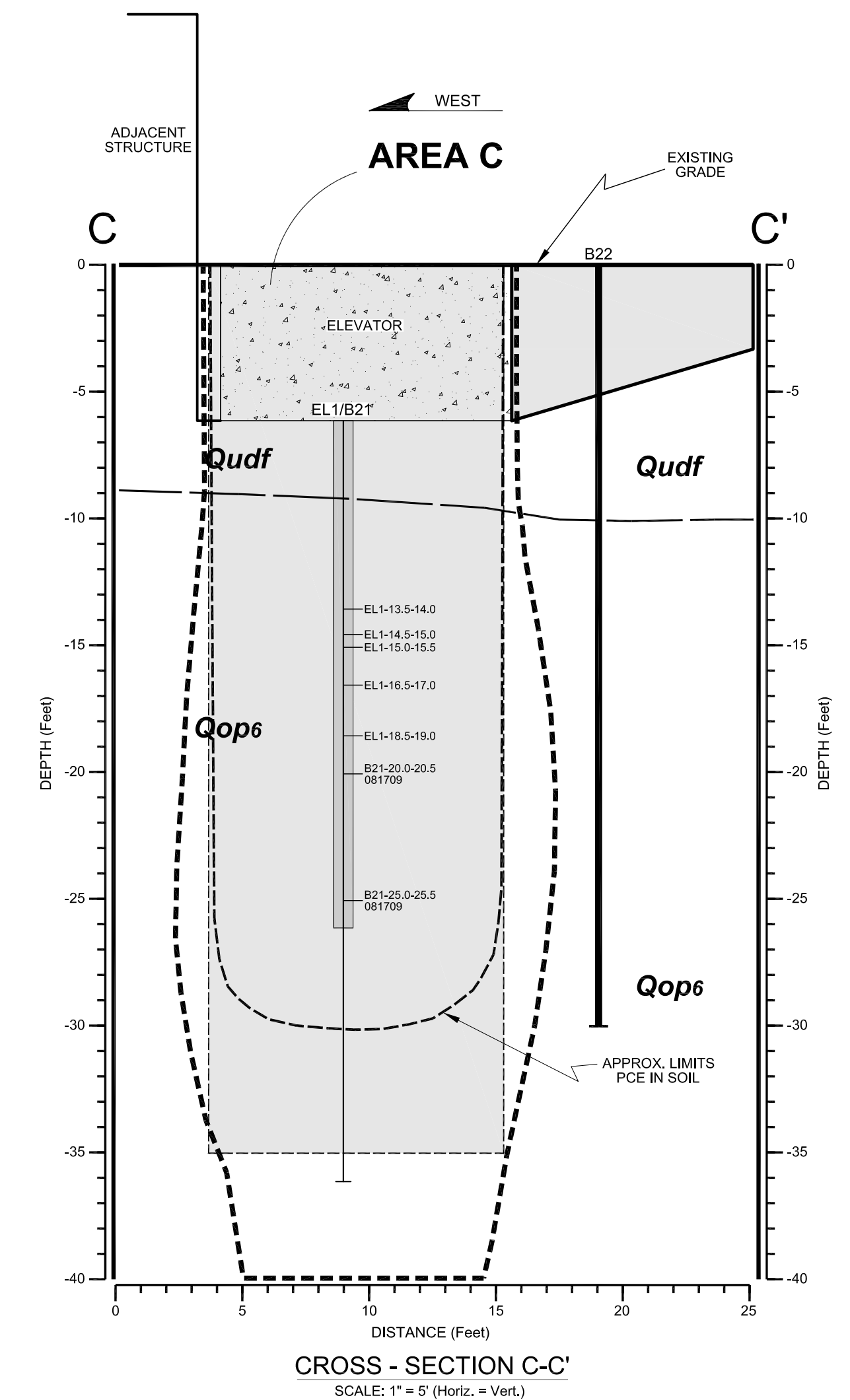
TPH	Total Petroleum Hydrocarbons (C8-C40)
B	Benzene
T	Toluene
E	Ethylbenzene
X	Xylenes
N	Naphthalene
PCE	Tetrachloroethene
VC	Vinyl Chloride



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PROJECT NO. T2439 - 77 - 01
FIGURE 2
DATE 09 - 09 - 2010

SITE MAP



Petroleum Hydrocarbon Concentrations for Cross - Section E-E'			
Classifier		B4	
Classifier (East Wall) 4.0'		B4-5	
DRO	21	C18-C28	1
GRO	93	C28-C38	1
		C38-C40	1
		B4-10	
		C18-C28	1

Laboratory results presented in milligrams per kilogram (mg/kg)

GEOCON LEGEND

QudfUNDOCUMENTED FILL

Qop6OLD PARALIC DEPOSITS (Bay Point Formation)

B331APPROX. LOCATION OF EXPLORATORY BORING

B33 APPROX. LOCATION OF FORMER HYDRAULIC FILL

APPROX. LOCATION OF SOIL SAMPLE

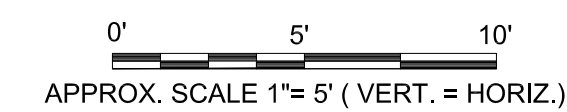
B21-25, 0-0.25.5
081709

APPROX. LOCATION OF GEOLOGIC CONTACT

APPROX. LOCATION OF EXCAVATION

APPROX. LIMITS OF SOIL REMOVAL BY GEOCON

APPROX. LIMITS OF SOIL REMOVAL BY STANTEC



LIMITS OF SOIL REMOVAL vs PETROLEUM HYDROCARBONS IN SOIL - CROSS - SECTIONS WITH BOTTOM CONFIRMATION SOIL SAMPLES

1045 E. BROADWAY
SAN DIEGO, CALIFORNIA

GEOCON
CONSULTANTS, INC.

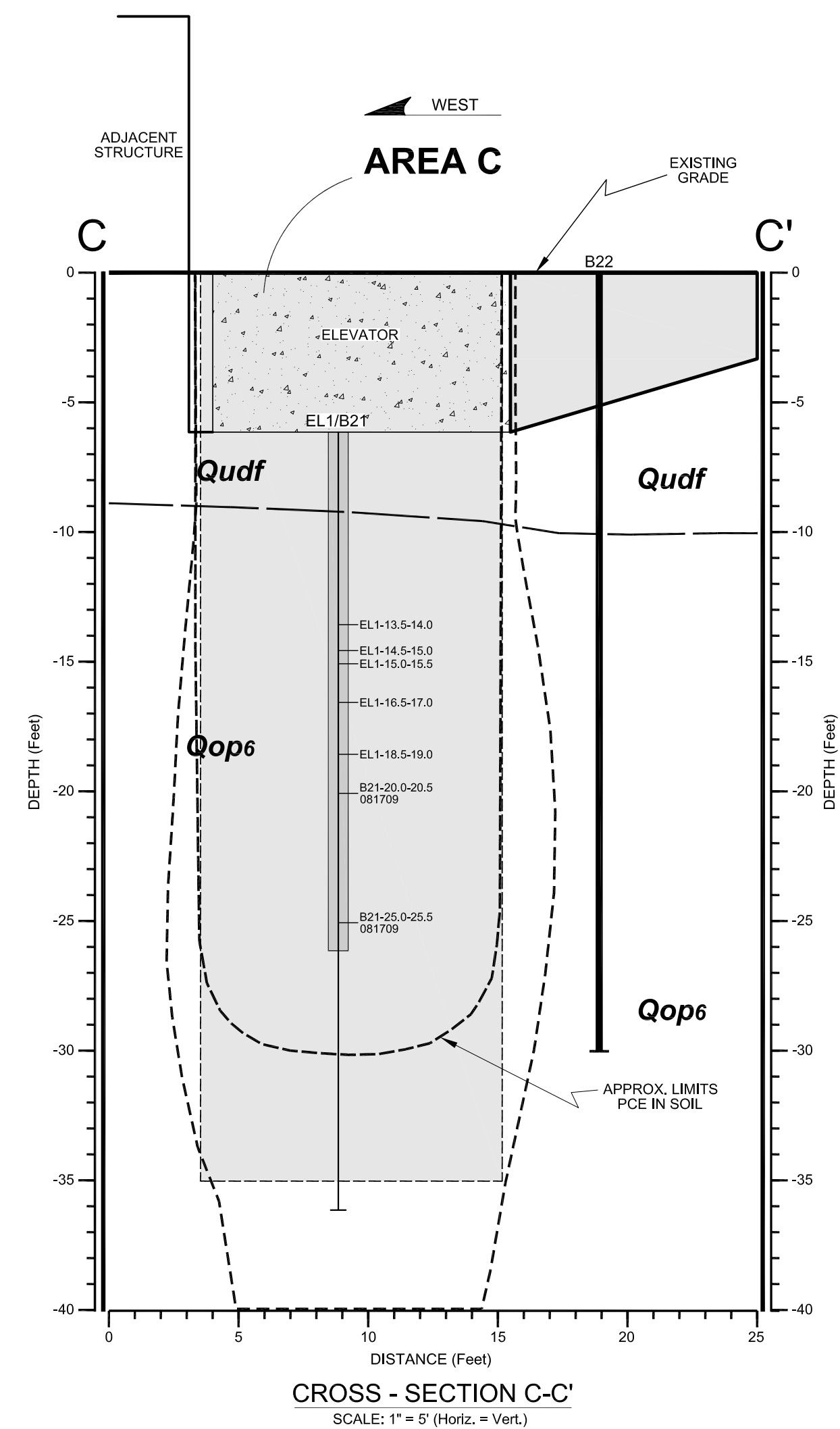
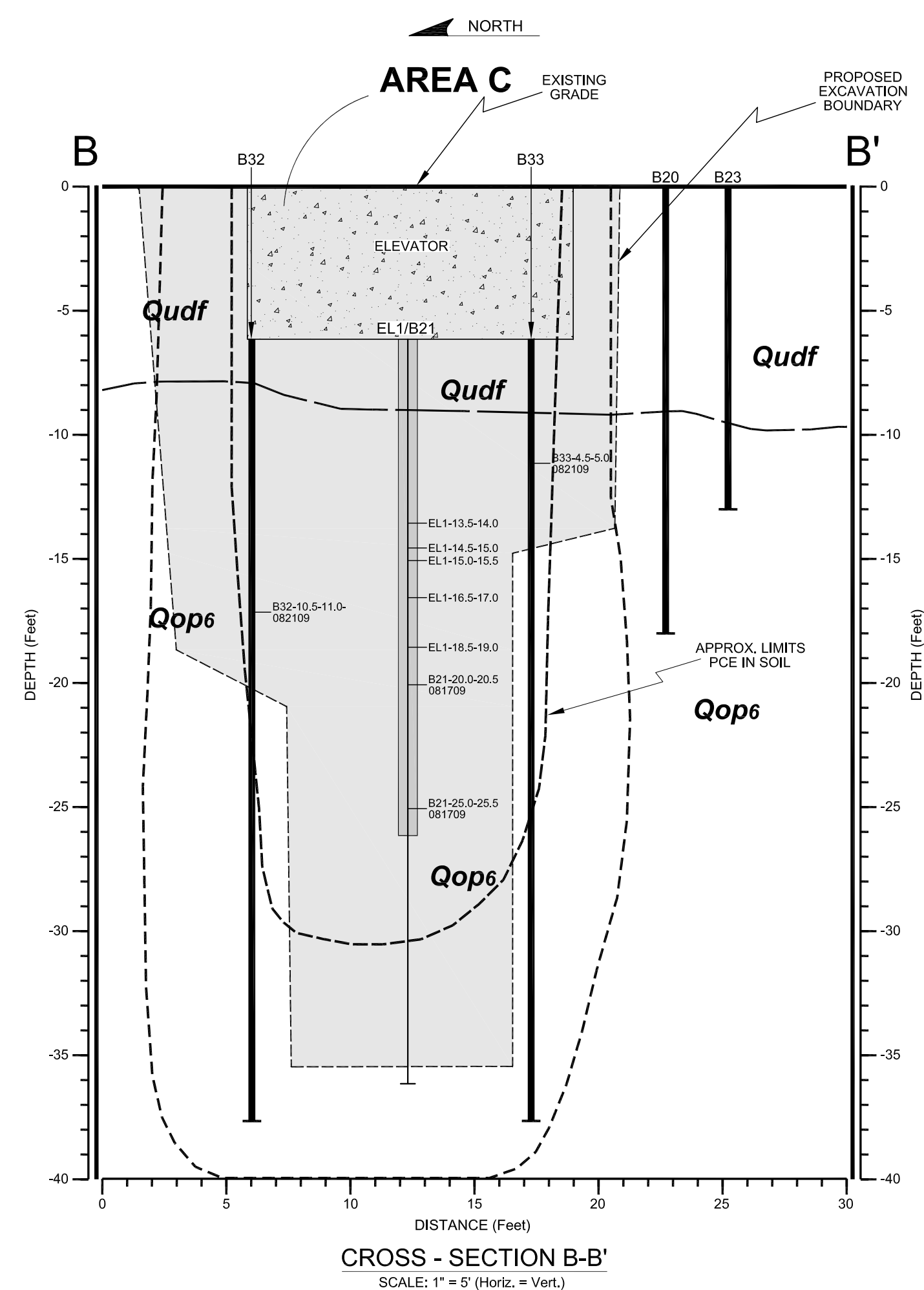
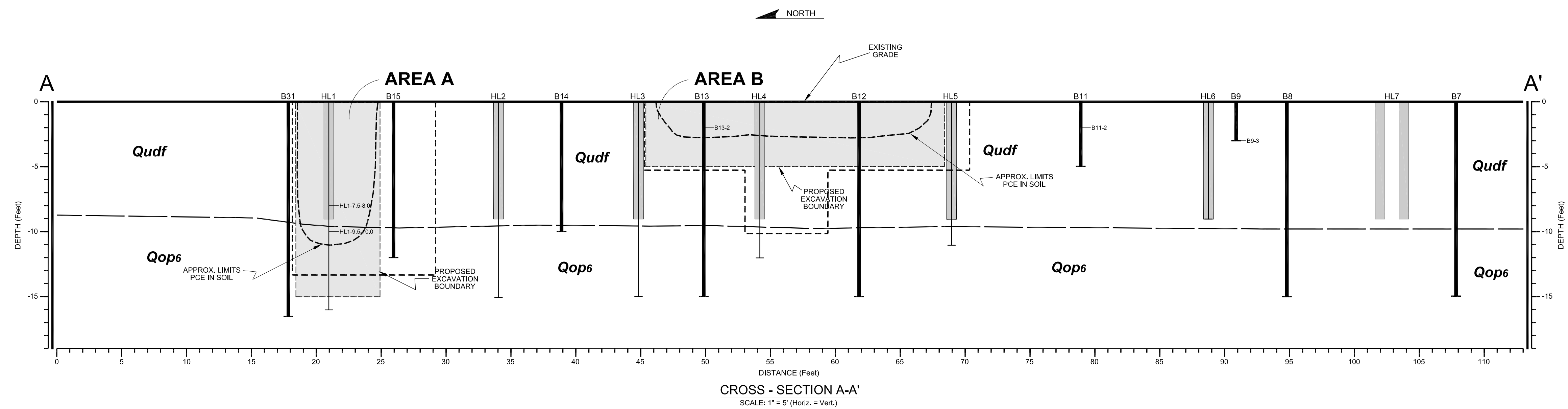
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SCALE 1" = 5'	DATE 09 - 0
PROJECT NO. T2439 - 77 - 01	

SHEET 0

3



- GEOCON LEGEND**
- Qudf** UNDOCUMENTED FILL
- Qop6** OLD PARALIC DEPOSITS (Bay Point Formation)
- B33 APPROX. LOCATION OF EXPLORATORY BORING
- B33 APPROX. LOCATION OF FORMER HYDRAULIC LIFT
- B21-25 0-0 25.5 APPROX. LOCATION OF SOIL SAMPLE
- APPROX. LOCATION OF GEOLOGIC CONTACT
- APPROX. LOCATION OF EXCAVATION
- APPROX. LIMITS OF SOIL REMOVAL BY GEOCON

0' 5' 10'

APPROX. SCALE 1" = 5' (VERT. = HORIZ.)

LIMITS OF SOIL REMOVAL vs. PCE IN SOIL REMOVAL - CROSS - SECTIONS

1045 E. BROADWAY
SAN DIEGO, CALIFORNIA

GEOCON CONSULTANTS, INC. GEO/TECHNICAL • ENVIRONMENTAL • MATERIALS 6970 HANCOCK DRIVE • SAN DIEGO, CALIFORNIA 92121 • 2974 PHONE 619 558-6000 • FAX 619 558-8437	SCALE 1" = 5'	DATE 09 - 09 - 2010	FIGURE 4
	PROJECT NO. T2439 - 77 - 01	SHEET OF	

OFFICE
BUILDING

CALIFORNIA
APTS.

PARKING
LOT

11TH AVENUE

**APPROX. SITE
BOUNDARY**

SIDEWALK

SIDEWALK

EAST BROADWAY

PARKING LOT

1030 EAST BROADWAY
(NIGHT CLUB)

1028 EAST BROADWAY
(BARBER SHOP)

SHOWROOM
AND OFFICE

AREA-A

B16 SERVICE

AREA-

943 10TH AVENUE
(HOTEL)

1001 EAST BROADWAY
(PARKING LOT AND
DRY CLEANERS)

**APPROX. SITE
BOUNDARY**

	Area A-Northwall-S'
TPH	<10.0
B	<5.0
T	<5.0
E	<5.0
X	<10.0
N	<5.0
PCE	<5.0
VC	<5.0

Area A-Eastwall-5'	
TPH	35
B	<5.0
T	<5.0
E	<5.0
X	<10.0
N	<5.0
PCE	<5.0
VC	<5.0

	Area A-Southwall-5'
TPH	<10.0
B	<5.0
T	<5.0
E	<5.0
X	<10.0
N	<5.0
PCE	<5.0
VC	<5.0

	Area A-Westwall-5'
TPH	<10.0
B	<5.0
T	<5.0
E	<5.0
X	<10.0
N	<5.0
PCE	<5.0
VC	<5.0

0' 10' 20' 30' 40'

APPROX. SCALE 1"= 20'

B33 ●.....APPROX. LOCATION OF BORING
AND SOIL VAPOR PROBE(S)

B20●.....APPROX. LOCATION OF BORING

INGROUND HYDRAULIC LIFT

☐APPROX. LOCATION OF CLARIFIER

○APPROX. LOCATION OF DRAIN

E' E'.....APPROX. LOCATION OF CROSS - SECTION

HL6●.....APPROX. LOCATION OF BORING

.....APPROX. REMOVAL BOUNDARY

.....APPROX. PROPOSED EXCAVATION AREA

.....APPROX. LIMITS OF IMPACT

TPH	Total Petroleum Hydrocarbons (C8-C40)
B	Benzene
T	Toluene
E	Ethylbenzene
X	Xylenes
N	Naphthalene
PCE	Tetrachloroethene
VC	Vinyl Chloride

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PROJECT NO. T2439-77-01

FIGURE 5
DATE 09-09-2010

LIMITS OF SOIL REMOVAL & SIDEWALL CONFIRMATION SOIL SAMPLES FOR AREA A

1045 E. BROADWAY
SAN DIEGO, CALIFORNIA

OFFICE
BUILDING

PARKING
LOT

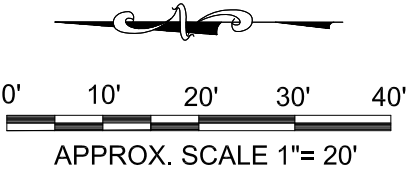
CALIFORNIA
APTS.

PARKING
LOT

11TH AVENUE

APPROX. SITE
BOUNDARY

SIDEWALK



GEOCON LEGEND

- B33.....APPROX. LOCATION OF BORING AND SOIL VAPOR PROBE(S)
- B20.....APPROX. LOCATION OF BORING
-INGROUND HYDRAULIC LIFT
-APPROX. LOCATION OF CLARIFIER
-APPROX. LOCATION OF DRAIN
-APPROX. LOCATION OF CROSS - SECTION
- HL6.....APPROX. LOCATION OF BORING
-APPROX. REMOVAL BOUNDARY
-APPROX. PROPOSED EXCAVATION AREA
-APPROX. .LIMITS OF IMPACT

TPH	Total Petroleum Hydrocarbons (C8-C40)
B	Benzene
T	Toluene
E	Ethylbenzene
X	Xylenes
N	Naphthalene
PCE	Tetrachloroethene
VC	Vinyl Chloride

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PHONE 858 558-6100 - FAX 858 558-8437
PROJECT NO. T2439 - 77 - 01
FIGURE 6
DATE 09 - 09 - 2010

LIMITS OF SOIL REMOVAL & SIDEWALL CONFIRMATION SOIL SAMPLES FOR AREA B

TABLE 1

Summary of Analytical Results for Confirmation Soil Samples - Area A

Sample ID and Depth (feet)	Date Collected	TPH (C8-C40) by EPA Test Method 8015B(M) reported in miligrams per kilogram (mg/kg)	Volatile Organic Compounds by EPA Test Method 8260B reported in micrograms per kilogram (µg/kg)						
			Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	Tetrachloroethene	Vinyl Chloride
Area A-Northwall-5'	6/2/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area A-Southwall-5'	6/2/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area A-Eastwall-5'	6/2/2010	35	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area A-Westwall-5'	6/2/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area A-Bottom North-13.5'	6/2/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area A-Bottom South-13.5'	6/2/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0

TABLE 2

Summary of Analytical Results for Confirmation Soil Samples - Area B

Sample ID and Depth (feet)	Date Collected	TPH (C8-C40) by EPA Test Method 8015B(M) reported in milligrams per kilogram (mg/kg)	Volatile Organic Compounds by EPA Test Method 8260B reported in micrograms per kilogram (µg/kg)						
			Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	Tetrachloroethene	Vinyl Chloride
Area B W sidewall (N)-4'	6/4/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area B W sidewall (S)-4'	6/4/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area B S sidewall - 4'	6/4/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area B E sidewall (S) - 4'	6/4/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area B E sidewall (N) - 4'	6/4/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area B N sidewall - 4'	6/4/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area B S bottom - 5'	6/4/2010	57	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area B N bottom - 5'	6/4/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area B pit incenter - 10'	6/4/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0

TABLE 3

Summary of Analytical Results for Confirmation Soil Samples - Area C

Sample ID and Depth (feet)	Date Collected	TPH (C8-C40) by EPA Test Method 8015B(M) reported in milligrams per kilogram (mg/kg)	Volatile Organic Compounds by EPA Test Method 8260B reported in micrograms per kilogram (µg/kg)						
			Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	Tetrachloroethene	Vinyl Chloride
Area C 2S1W sidewall 28'	6/4/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area C 2S1W bottom 35'	6/4/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area C 1N2W sidewall 25'	6/4/2010	29000	<5.0	<5.0	<5.0	<10.0	<5.0	3400	<5.0
Area C 1N2W bottom 35'	6/4/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area C 2N1E sidewall 30'	6/4/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area C 2N1E bottom 35'	6/4/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area C 1S2E sidewall 25'	6/4/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area C 1S2E bottom 35'	6/4/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area C 2N2W bottom 35'	6/3/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area C 1N1E bottom 35'	6/3/2010	1800	<5.0	<5.0	<5.0	<10.0	<5.0	110	<5.0
Area C 2N2E bottom 35'	6/3/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area C 2S2E bottom 35'	6/3/2010	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area C 1N1E-bottom-40'	6/8/2010	54	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0
Area C 1S1E-bottom-40'	6/11/2010	120	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0

TABLE 4

Summary of Analytical Results for Soil Stockpile Samples

Stockpile Source	Date Collected	TPH (C8-C40) by EPA Test Method 8015B(M) reported in milligrams per kilogram (mg/kg)	Volatile Organic Compounds by EPA Test Method 8260B reported in micrograms per kilogram (µg/kg)							ICP Metals by EPA Test Method 3050B (mg/kg)						
			Benzene	Toluene	Ethyl-benzene	Xylenes	Naphthalene	Tetra-chloro-ethene	Vinyl Chloride	Barium	Chromium	Cobalt	Lead	Nickel	Vanadium	Zinc
Area A Stockpile Comp	6/2/2010	330	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	29	7.9	2.4	2.5	2.3	25	13
Area A Stockpile Comp 2	6/4/2010	1,300	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	-	-	-	-	-	-	-
Area B Stockpile Comp	6/4/2010	52	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	-	-	-	-	-	-	-
Area C Stockpile Comp 1	6/4/2010	4,500	<5.0	<5.0	<5.0	<10.0	<5.0	24	<5.0	-	-	-	-	-	-	-
Area C Stockpile Comp 2	6/4/2010	780	<5.0	<5.0	<5.0	<10.0	<5.0	15	<5.0	-	-	-	-	-	-	-

Note: Soil sample not analyzed

APPENDIX

A

WORKPLAN FOR SOIL REMOVAL AND SITE REHABILITATION

**FORMER GOODYEAR TIRE AND
AUTO SERVICE FACILITY
1045 EAST BROADWAY
SAN DIEGO, CALIFORNIA**



GEOCON
CONSULTANTS, INC.

GEOTECHNICAL
ENVIRONMENTAL
MATERIALS

PREPARED FOR

**MSD MASADA COMPANY, LLC
POST OFFICE BOX 122336
SAN DIEGO, CALIFORNIA 92112**

PREPARED BY

**GEOCON CONSULTANTS, INC.
6970 FLANDERS DRIVE
SAN DIEGO, CALIFORNIA 92121
Tel. (858) 558-6100 Fax. (858) 558-8437
E-mail: keener@geoconinc.com**

GEOCON PROJECT NO. T2439-77-01

MARCH 30, 2010



Project No. T2439-77-01
March 30, 2010

BY E-MAIL AND U. S. MAIL

Ms. Shela Wosk
MSD Masada Company, LLC
Post Office Box 122336
San Diego, California 92112

Subject: FORMER GOODYEAR TIRE AND AUTO SERVICE FACILITY
1045 EAST BROADWAY
SAN DIEGO, CALIFORNIA
WORKPLAN FOR SOIL REMOVAL AND SITE REHABILITATION

Dear Ms. Wosk:

As requested by the MSD Masada Company, LLC (the Client), Geocon Consultants, Inc. has prepared this Workplan for Soil Removal and Site Rehabilitation (Workplan) for the property located at 1045 East Broadway in San Diego, California (the Site). The purpose of this Workplan is to specify the scope of work and methods by which we propose to accomplish mitigation of site soils that are impacted by petroleum hydrocarbons and volatile organic compounds. The scope and methods are proposed in accordance with requirements and guidelines of the County of San Diego Department of Environmental Health.

Sincerely,

GEOCON CONSULTANTS, INC.

Jack W. Keener
Manager, Environmental Services

JWK:JP:sc

John C. Pfeiffer
PG #6984, CEG #2372

- (1) Addressee
- (1) County of San Diego (Hand-Delivered)
Department of Environmental Health
Attention: Ms. Carol Fenner

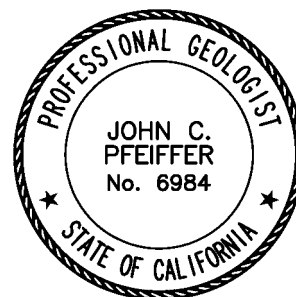


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1. Vicinity Map
2. Site Map
3. Concentration of Petroleum Hydrocarbons in Soil – Cross-Sections
4. Concentration of Volatile Organic Compounds (VOCs) in Soil – Cross-Sections

Tables:

1. Summary of Soil Analytical Results – Total Petroleum Hydrocarbons
2. Summary of Soil Analytical Results – Volatile Organic Compounds
3. Summary of Soil Analytical Results – Polychlorinated Biphenyls
4. Summary of Soil Analytical Results – Title 22 Metals
5. Summary of Soil Vapor Analytical Results – Volatile Organic Compounds

1. SITE DESCRIPTION AND BACKGROUND

The Site is a former auto service facility located at 1045 East Broadway in San Diego, California (Figure 1). It is described by the County of San Diego Assessor's Parcel Number (APN) 534-332-11-00. The Site is 0.34 acres, rectangular in shape (100 feet wide along East Broadway and 150 feet long along 11th Avenue), and is bounded on the south by the Fontana Property and an adjacent parking lot; on the north by East Broadway and a surface parking lot; on the east by 11th Avenue; and on the west by a dry cleaning facility and a hotel (Figure 2).

The Site was previously developed with a concrete block two-story building that was occupied by an automotive service facility from approximately 1957 to 2006 (most recently by a Goodyear Tire Company retailer and automotive service center). The building was approximately 50 feet wide by 180 feet long oriented north to south along the western edge of the Site. The eastern portion of the Site consists of a paved parking lot for the former business. Following a fire in September 2006, the former building and associated improvements were demolished and the Site is currently a vacant unpaved pad. The northern 150 feet of the former building was on the Masada portion, APN 534-332-11-00, and southern approximately 30 feet of the former building extended onto the adjacent Fontana Property, APN 534-332-10-00.

The former Goodyear building consisted of a showroom/office area in the northern portion, five automotive service bays equipped with hydraulic hoists in the central portion, and five automotive service bays (four equipped with hydraulic hoists) in the southern portion. Three automotive service bays (two equipped with hydraulic hoists) in the southern portion of the building were located in the 30-foot offsite section of the building and are not a part of the Site. A hydraulic freight elevator was located on the western side of the building. The hydraulic pump and fluid reservoir for the elevator were located north of the elevator. A stormwater clarifier was present outside the eastern wall of the site building.

1.1 Geologic Conditions

The Site is located in the Peninsular Ranges geomorphic province of Southern California (Norris and Webb, 1990). This geomorphic province encompasses an area that extends 125 miles from the Transverse Ranges and the Los Angeles Basin south to the Mexican Border and beyond another 775 miles to the tip of Baja California. In general, the province consists of rugged mountains underlain by Mesozoic igneous and metamorphic rocks to the east, and a dissected coastal plain underlain by Cenozoic sediments to the west. The province varies in width from approximately 30 to 100 miles, and is traversed by a group of faults and fault zones trending roughly northwest.

We obtained the geologic information from a map entitled *Geologic Map of San Diego, 30' x 60' Quadrangle, California*, compiled by Michael P. Kennedy and Siang S. Tan, 2005. According to the

map, the Site is underlain by Old Paralic Deposits, Unit 6 (formerly known as the Bay Point Formation). Old Paralic Deposits, Unit 6, is late to middle Pleistocene in age, and generally consists of poorly sorted, moderately permeable, reddish-brown, interfingered strandline, beach, estuarine, and colluvial deposits composed of siltstone, sandstone, and conglomerate.

1.2 Hydrogeologic Conditions

We reviewed the Water Quality Control Plan, San Diego Basin – Region 9 prepared by the California Regional Water Quality Control Board (RWQCB) for hydrogeologic information pertinent to the Site. The Site is located within the Lindbergh Hydrologic Subarea (908.21) of the San Diego Mesa Hydrologic Area (908.20) of the Pueblo San Diego Hydrologic Unit (908.00). The California Department of Water Resources (DWR) does not report any wells on or in the vicinity of the Site. Groundwater is present at a depth of approximately 80 feet in the vicinity of the Site.

Groundwater of the Pueblo San Diego Hydrologic Unit has been documented to exhibit total dissolved solid (TDS) concentrations ranging from 250 to 750 milligrams per liter (mg/l) (DWR, 1967). Groundwater occurring within the San Diego Mesa Hydrologic Area is excepted from municipal use (SWRCB, 1994).

2. PREVIOUS ENVIRONMENTAL REPORTS

SCS Engineers (SCS) completed a Phase I Environmental Site Assessment (ESA) for the Site in August 2007. Historical information presented in the Phase I ESA indicates that the central portion of the Site appears to have been developed with a single-family residence between approximately 1906 and 1920; a single-family residence and a retail store between approximately 1920 and 1926; retail stores and multi-family residences between approximately 1926 and 1942; retail stores, a restaurant, and parking lot between approximately 1947 and 1955; and an automotive service business(es) between 1957 and 2006.

The automotive service business(es) operated a waste oil underground storage tank (UST), a wastewater clarifier, nine hydraulic hoists, a hydraulic elevator, and, SCS speculates, parts cleaners/degreasing units. The waste oil UST was reportedly removed from the Site in 1987. The Phase I ESA identified dry cleaning facilities located west and north of the Site for the past 16 and 37 years, respectively.

SCS concluded that the prior automotive services at the Site may have resulted in releases of petroleum products, solvents, and/or hazardous wastes from the hydraulic hoists, hydraulic elevator, parts cleaners/degreasing units, wastewater clarifier, and/or UST. SCS also identified the prior onsite residential land use as a potential source of burn ash and/or metal-containing fill at the Site. SCS identified potential sources of contamination resulting from the two adjacent drycleaners.

In January 2008 we advanced 20 soil borings on the Site using a Strataprobe direct-push rig. We converted 10 of the 20 soil borings to soil vapor probes and collected soil vapor samples from the probes. The soil vapor samples were analyzed for volatile organic compounds (VOCs) by EPA Test Method 8260B. We prepared a report entitled *Limited Environmental Site Assessment and Analytical Testing, 1045 E. Broadway, San Diego, California*, dated April 3, 2008 (Project No. T2439-77-01). The report outlines our findings from this initial subsurface investigation of the Site.

Laboratory analysis of soil samples detected total petroleum hydrocarbons (TPH) in 13 of the 20 soil borings at depths ranging from 2 to 10 feet below ground surface (bgs). The concentrations ranged from 13 to 1,000 milligrams per kilogram (mg/kg). We also detected tetrachloroethene (PCE) in soil samples collected from 4 of the 20 borings at concentrations ranging from 5.4 to 11 micrograms per kilogram ($\mu\text{g/kg}$). Polychlorinated biphenyls (PCB) were detected in soil samples collected from 2 of the 20 borings with concentrations ranging from 18 to 28 $\mu\text{g/kg}$. The analytical results for soil samples are summarized in Tables 1 through 4.

We collected five soil vapor samples from soil vapor probes on the Site and had them analyzed for VOCs. Four of the soil vapor samples had detectable concentrations of PCE with concentrations ranging from 1.2 to 23 micrograms per liter ($\mu\text{g/l}$). Analytical results for the soil vapor samples are summarized in Table 5.

Following removal of the hydraulic automotive lifts and the freight elevator hydraulic cylinder in June 2009, we conducted additional assessment activities in an effort to identify what impacts the removed infrastructure may have had on the property.

On July 13, 2009 we used a strataprobe direct-push drill rig to advance seven direct-push borings to a maximum depth of 19 feet bgs at the locations of the former hydraulic lifts 1 through 6 (HL1 through HL6) and at the location of the former freight elevator (EL1). Soil samples were collected in acetate sample liners. We monitored the soil for the presence of volatile organic vapors using a hand-held photoionization detector (PID) during sampling activities.

We submitted 15 soil samples for analysis by EPA Test Method 8082A (PCB), EPA Test Method 8260B volatile organic compounds (VOC), 8015B gasoline range organics (GRO or TPHg), diesel range organics (DRO or TPHd) and oil range organics (ORO or TPHo), and 8020 Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX), and held the remaining soil samples pending receipt of the analytical test results for the first 15 samples. The laboratory reported concentrations of DRO, ORO, and PCE of 14,000 mg/kg, 21,000 mg/kg, and 4,800 $\mu\text{g/kg}$, respectively, in EL1. Based on those results, we then submitted two additional soil samples from EL1 for analytical testing. The laboratory reported concentrations of TPHd, TPHo, and PCE at 13,000 mg/kg, 20,000 mg/kg, and 5,500 $\mu\text{g/kg}$, respectively, to the maximum depth explored (approximately 18.5-19.0 feet).

On August 17, 2009 we attempted to advance an additional 13 borings with a strataprobe direct-push drill rig to a maximum depth of 30 feet to delineate the vertical and lateral extent of TPH and PCE. We encountered what appeared to be a laterally extensive cobble layer at approximately 10 feet bgs. We were able to advance ten of the borings to a maximum depth of 30 feet, but the cobble layer prevented us from advancing three of the borings to their proposed depths. We collected soil samples from the borings and submitted eleven of them for laboratory analysis for TPH by EPA Test Method 8015B and VOCs by EPA Test Method 8260B. We advanced B21 in the same location that we advanced EL1 in order to evaluate the vertical extent of the TPH and PCE contamination in the vicinity of the former freight elevator.

We converted EL1/B21, B22, and B24 through B30 into soil vapor probes. We established soil vapor probes in B24, B28, and B29, at 5 feet bgs, in B25 through B27, and B30 at 5 and 10 feet bgs, and in B21 and B22 at 5, 10, 15, and 20 feet bgs. We constructed the soil vapor probes with a sand filter material placed around the perforated tubing. The borings were then sealed above the perforated interval with bentonite grout.

On August 21, 2009 we advanced three additional borings using a hollow stem auger drilling rig. We advanced boring B31 in the vicinity of HL1 and borings B32 and B33 to the north and south of the former freight elevator, respectively. We collected soil samples by driving a Standard Penetration Test (SPT) split-spoon sampler fitted with stainless steel sample tubes inside the sampler at 5-foot intervals. We submitted 15 soil samples from these borings for analysis for TPH and VOCs by EPA Test Method 8015B and 8260B, respectively. We converted B31 and B32 to soil vapor probes with probes at 5, 10 and 15 feet bgs in B31, and 5, 10, 15, and 19.5 feet bgs in B32. The boring locations are presented on Figure 2.

TPH was detected in 26 of the 52 soil samples analyzed. The analytical test results ranged from 13 to 16,000 mg/kg for the C₈-C₄₀ range, <1.0 mg/kg to 1.1 mg/kg for GRO (C₅-C₁₂), 11 mg/kg to 14,000 mg/kg for DRO (C₁₀-C₂₈), and 11 mg/kg to 21,000 mg/kg for ORO (C₁₈-C₃₆). The highest TPH concentrations were reported for soil samples collected from boring EL1/B21 from approximately 13.5 feet bgs to 25.5 feet bgs. The majority of the TPH reported for these samples was within the hydrocarbon range of oil (C₁₈-C₄₀). The results of the TPH analyses are summarized in Table 1. The TPH results are listed by the carbon range: C₈-C₁₀, C₁₀-C₁₈, C₁₈-C₂₈, C₂₈-C₃₆, and C₃₆-C₄₀, and total C₈-C₄₀, and as GRO, DRO, and ORO. A cross-section of the underlying geology and concentration of petroleum hydrocarbons in soil is presented on Figure 3.

The VOCs benzene, methylene chloride, naphthalene, and PCE were detected in the soil samples with maximum concentrations of 5.4 µg/kg, 11 µg/kg, and 5,500 µg/kg reported for benzene, naphthalene, and PCE, respectively. ATL stated that the methylene chloride detections are possibly a laboratory contaminant. Benzene was only detected in the soil sample collected from B32 at 10.5-11.0 feet bgs and naphthalene was only detected in the soil sample collected from EL1 at 13.5-14.0 feet bgs. PCE

was detected in soil samples collected from HL1, EL1, B21, B32, and B33 with the highest concentration of 5,500 µg/kg reported for the sample collected from EL1/B21 at 18.5-19.0 feet bgs. The results of the VOC analyses are summarized in Table 2. A cross-section of the concentration of VOCs in soil is presented on Figure 4.

The PCB Aroclor 1260 was detected in 1 of 26 soil samples analyzed (HL1-7.5-8.0), at a concentration of 37 µg/kg. The results of the PCB analyses are summarized in Table 3.

Lead was detected in each of the nine soil samples analyzed. The highest concentrations of lead reported were 57 mg/kg, 80 mg/kg, and 81 mg/kg in confirmation samples Clarifier (Northwall) 4.0', Clarifier (Eastwall) 4.0', and Hoist 7 (Eastwall) 4.5', respectively. The results of the metal analyses are summarized in Table 4.

Benzene was detected in 4 of 27 soil vapor samples analyzed and PCE in 25 of the 27 samples analyzed. The highest concentration of benzene detected was 0.50 µg/l (500 µg/m³) in soil vapor sample B21-5. The highest concentration of PCE detected was 91 µg/l (91,000 µg/m³) in soil vapor sample B21-20. The reported concentrations of benzene and PCE exceed the CHHSLs for residential and industrial land use. The California Human Health Screening Levels (CHHSLs) for benzene are 36.2 µg/m³ and 122 µg/m³ for residential and industrial land use, respectively. The CHHSLs for PCE are 180 µg/m³ and 603 µg/m³ for residential and industrial land use, respectively. No other VOCs were detected at or above the laboratory detection limits in the soil vapor samples analyzed. The results of the soil vapor analyses are summarized in Table 5.

3. NATURE AND EXTENT OF IMPACTS

The information collected during the previous environmental site assessment activities was used to identify the constituents of concern (COCs) at the site and to characterize their respective concentrations and distributions.

3.1 Constituents Of Concern

The primary COCs identified in subsurface soil at the site are petroleum hydrocarbons (variously characterized as Total Petroleum Hydrocarbons [TPH], Diesel-Range Organics [DRO], and Oil-Range Organics [ORO]) and tetrachloroethene (PCE). Secondary COCs identified in site soils, but at relatively low concentrations, limited distribution, and within areas encompassed by the primary COCs, are polychlorinated biphenyls (PCBs), benzene, and naphthalene. It is noteworthy that the detected petroleum hydrocarbons are predominantly in the heavier diesel- and oil-ranges. The lighter and more mobile Gasoline-range organics (GRO) show relatively minor presence in site soils. The range of concentrations identified for each COC is as follows:

Constituent of Concern Summary					
Target Analyte	# Samples Analyzed	# Non-Detects (Detection Limit)	# Detections	Minimum Detection	Maximum Detection
TPH (C ₈ -C ₄₀)	73	42 (<10 mg/kg)	31	13 mg/kg	16,000 mg/kg
C ₈ -C ₁₈ (TPH subset)	73	57 (<10 mg/kg)	16	15 mg/kg	<200 mg/kg
C ₁₈ -C ₄₀ (TPH subset)	73	42 (<10 mg/kg)	31	13 mg/kg	16,000 mg/kg
GRO (C ₅ -C ₁₂)	17	15 (<1 mg/kg)	2	1.1 mg/kg	1.1 mg/kg
DRO (C ₁₀ -C ₂₈)	26	17 (<10 mg/kg)	9	11 mg/kg	14,000 mg/kg
ORO (C ₁₈ -C ₃₆)	26	14 (<10 mg/kg)	12	11 mg/kg	21,000 mg/kg
PCE	72	57 (<5 µg/kg)	15	5.4 µg/kg	5,500 µg/kg
Benzene	72	71 (<5 µg/kg)	1	5.4 µg/kg	5.4 µg/kg
Naphthalene	72	71 (<5 µg/kg)	1	11 µg/kg	11 µg/kg
PCB (Aroclor 1254)	34	32 (<16 µg/kg)	2	18 µg/kg	28 µg/kg
PCB (Aroclor 1260)	34	33 (<16 µg/kg)	1	37 µg/kg	37 µg/kg

3.2 Distribution of Impacts

Minor petroleum hydrocarbon impacts are present in shallow soils around much of the site, but significant petroleum hydrocarbons impacts are present in three primary areas: the immediate vicinity of hydraulic lift HL1, identified herein as Area A; the area between hydraulic lifts HL4 and HL5, identified herein as (part of) Area B; and soils beneath the former freight elevator, identified herein as Area D. Areas A, B and D are illustrated on Figure 2. These three areas show TPH concentrations at or in excess of 1,000 mg/kg. Detections of the Site's other COCs are predominantly limited to soils within these same three areas.

The maximum depth of impacted soils in these areas is on the order of 10 to 12 feet for Area A, 4 to 5 feet for Area B and 32 to 34 feet for Area D. Further discussion of each area follows. Depth to groundwater at the site is on the order of 80 feet.

Area A

Area A is centered on soil boring (and former hydraulic lift) HL1 and is delineated to the north and south by borings B31 and B15, respectively. The impacts in Area A have not been delineated east and west of HL1, but available data suggests that impacts are likely limited to the immediate vicinity of HL1. Soils in Area A are impacted by diesel-range organics, motor oil-range organics, PCE and PCBs at peak detected concentrations of 3,100 mg/kg, 5,100 mg/kg, 60 µg/kg and 46 µg/kg, respectively. These peak concentrations were encountered at a depth of 9.5-10 feet, which is just below the bottom of the former lift. Deeper soil samples from adjacent borings (B31 and B15) showed very low to non-detect results for TPH and all non-detect for VOCs. As such, the vertical extent of impacts in Area A appears to be between depths of 11 and 15 feet. Area A is illustrated in plan view on Figure 2 and in North-South cross-section (with analytical results) in Figures 3 and 4.

Area B

Area B is delineated by soil borings (and former hydraulic lifts) HL3 and HL5 to the north and south, respectively. Soil borings HL4, B12, and B13 are located within Area B. As with Area A, the impacts in Area B have not been delineated to the east or west, but available data suggests that impacts are likely limited to the immediate vicinity of the former hydraulic lifts. Soils in Area B are impacted by TPH (predominantly of diesel- and motor oil-range), PCBs and PCE at peak detected concentrations of 1,000 mg/kg, 28 µg/kg and 6.2 µg/kg, respectively. These peak concentrations were encountered in samples from the 2-foot depth in borings B12 and B13. Samples from the 5-, 10- and 15-foot depths in the same borings did not show detectable levels of TPH and were not analyzed for VOCs. Based on the TPH results, we interpret that the maximum depth of impacted soil in Area B is approximately 4 to 5 feet. Area B is illustrated in plan view on Figure 2 and in North-South cross-section (with analytical results) in Figures 3 and 4.

Area C

Area D is centered on the former freight elevator location and soil borings EL1 and B21. It is roughly delineated to the north by soil boring B32, to the south by soil borings B33 and B20, and to the east by boring B22. The impacts in Area C have not been delineated to the west due to the presence of a structure. Soils in Area C are impacted by diesel-range organics, motor oil-range organics and PCE at peak detected concentrations of 14,000 mg/kg, 21,000 mg/kg and 5,500 µg/kg, respectively. These peak concentrations were encountered in samples from approximately the 20- to 26-foot depth interval in borings EL1 and B21, but significant impacts exist to a depth of at least 32 feet. Neither TPH nor PCE were detected in a soil sample obtained from a depth of approximately 36 feet in B21As such, we interpret that the maximum depth of impacted soil in Area C is approximately 34 to 35 feet. PCBs were not detected in samples from Area C. Area C is illustrated in plan view on Figure 2 and in both North-South and East-West cross-sections (with analytical results) in Figures 3 and 4.

4. REMEDIAL APPROACH

The boundaries of the proposed soil removal areas were developed to remove soil with a TPH concentration at or above 1,000 mg/kg. This proposed delineation value is a default threshold found in the DEH SAM Manual and is identified as a threshold that will be protective of groundwater. The limits of the proposed removal area also encompass all areas of detected PCB impact and most areas of detected PCE impact to soil.

5. REMEDIAL METHODS

This Workplan has been prepared to provide the procedures and protocols to be used during the removal of petroleum impacted soils

Task I - Pre-Field Activities

- Local public utilities will be contacted through Underground Service Alert to attempt to delineate subsurface public utilities and conduits in proximity to the proposed excavations.
- Retain a subcontractor to conduct a utility survey to attempt to locate metallic underground utilities and metallic underground anomalies in proximity to the proposed excavations.
- Retain a subcontractor to provide and operate an excavator.
- Retain the services of a California Department of Health Services (CDOHS)-certified analytical laboratory to analyze confirmation soil samples collected following the excavation.

Task II - Field Activities

Excavation from Areas A and B (former Auto Hoist Area)

- We propose to remove approximately 27 cubic yards of impacted soils from Area A. The dimensions of the Area A excavation are anticipated to be approximately 7 feet by 7 feet in plan view and approximately 15 feet deep.
- We propose to remove approximately 31 cubic yards of impacted soils from Area B. The dimensions of the Area B excavation are anticipated to be approximately 7 feet by 24 feet in plan view and approximately 5 feet deep.
- We will utilize an auger removal method and backfill each boring with a one sack concrete slurry mix.
- Excavated soil will be stockpiled on site pending characterization and acceptance by an appropriate disposal facility. Soil that is stockpiled will be placed on, and covered by plastic sheeting.

Excavation from Area C (former Freight Elevator Area)

- We propose to remove approximately 150 cubic yards of impacted soils from Area C. The maximum dimensions of the Area C excavation are anticipated to be approximately 10 feet (east-West) by 15 feet (North-South) in plan view and 15 to 35 feet deep.
- We will utilize an auger removal method and backfill each boring with a one sack concrete slurry mix.
- Excavated soil will be stockpiled on site pending characterization and acceptance by an appropriate disposal facility. Soil that is stockpiled will be placed on, and covered by plastic sheeting.

Confirmation Soil Sampling

- We will collect confirmation soil samples from the sidewalls and bottom of each of the three excavations. The samples will be collected in accordance with DEH-accepted practices, and then submitted to a (CDOHS)-certified analytical laboratory for analysis of TPH, VOCs, and PCBs.

Disposal of Impacted Soil

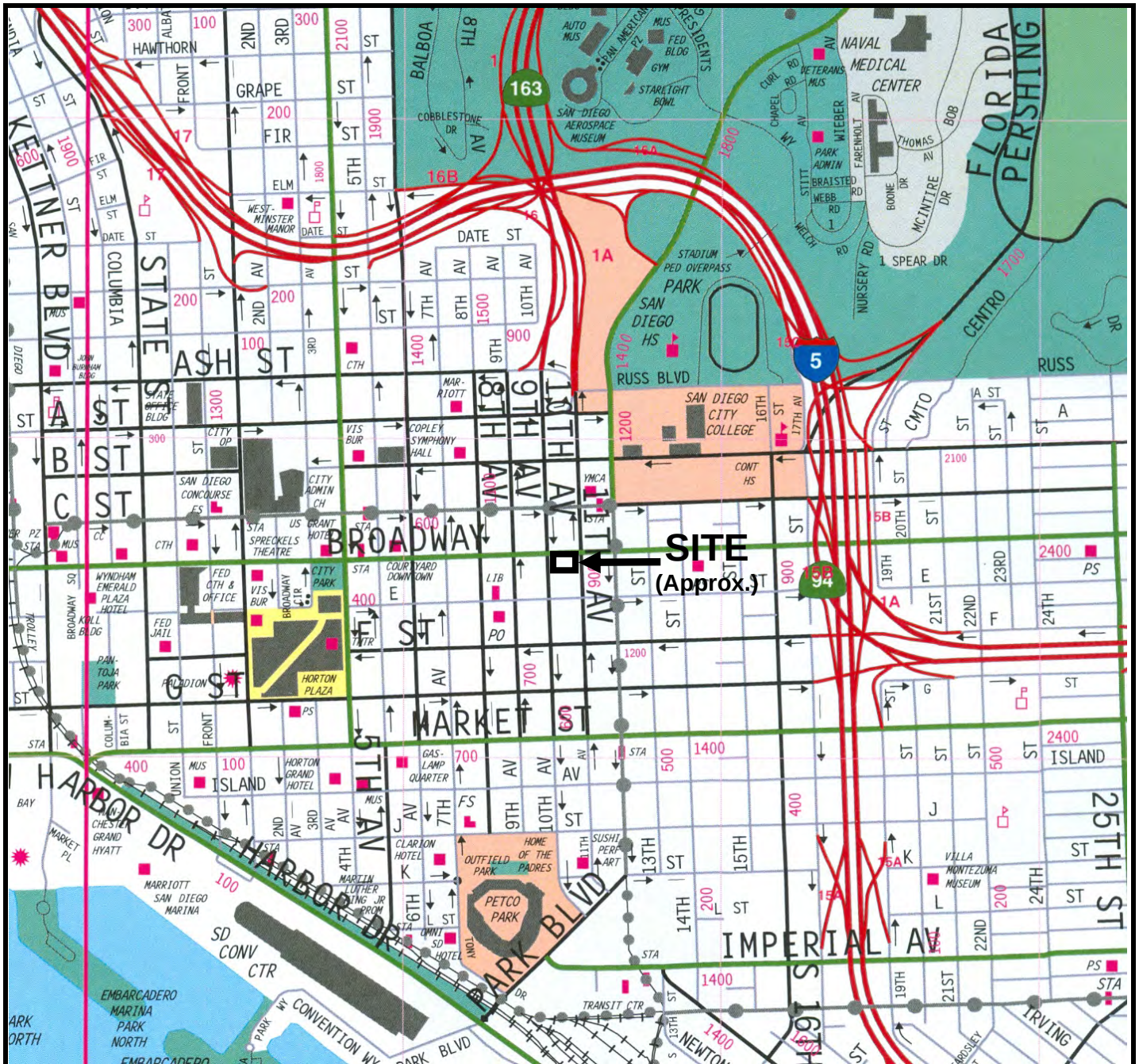
- Excavated soil will be stockpiled on site pending characterization and acceptance by an appropriate disposal facility. We will subsequently arrange for the transport and disposal of these materials offsite to an appropriate disposal facility.

Site Rehabilitation

- We propose to import approximately 60 cubic yards of fill material from a local dirt supplier.
- The remainder of the excavation will be backfilled with clean compacted fill and the material will possess a dry density of at least 90 percent of the laboratory maximum dry density near to slightly above the optimum moisture content of the material.
- The upper 12 inches of subgrade materials for the drive-over areas should possess a dry density of at least 95 percent of the laboratory maximum dry density with near to slightly above optimum moisture content. The fill should be tested in accordance with ASTM Test Procedure D 6938. A section of asphalt concrete should be placed to match the existing asphalt concrete section.
- Asphalt patching will be done by others.

Task III - Report Preparation

We will prepare a report presenting the results of the removal activities. The report will include a description of the services performed including: soil excavation, tables updated with additional laboratory data, and figures including a plan view of soil sample results, the estimated remaining extent of hydrocarbons in soil, isoconcentration maps, and cross-sections. The cross-sections will show soil sample results and the estimated lateral and vertical extent of the remaining hydrocarbons. The report will also include a discussion of our findings, conclusions, and recommendations.



SOURCE: 2007 THOMAS BROS. MAP DIGITAL EDITION
SAN DIEGO & IMPERIAL COUNTIES, CALIFORNIA

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Approximate Scale
1 in. = 1,000 ft.

GEOCON
CONSULTANTS, INC.



GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
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JWK

VICINITY MAP

FORMER GOODYEAR TIRE
AND AUTO SERVICE FACILITY
1045 EAST BROADWAY
SAN DIEGO, CALIFORNIA

DATE: 3-30-2010

PROJECT NO. T2439-77-01

FIG. 1

1045 E. BROADWAY
SAN DIEGO, CALIFORNIA

OFFICE
BUILDING

PARKING
LOT

CALIFORNIA
APTS.

PARKING
LOT

11TH AVENUE

SIDEWALK

APPROX. SITE
BOUNDARY

B2
(3'X3'X2'
INCLUDED IN AREA C)

B3

CLARIFIER (Northwall) 4.0'
CLARIFIER (Eastwall) 4.0'
CLARIFIER (Bottom) 5.5'
CLARIFIER (Southwall) 4.0'

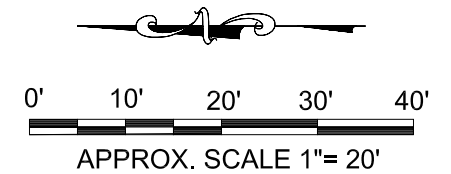
PARKING

B1
(3'X3'X2'
INCLUDED IN AREA C)

PARKING

E'
D
B4
B5
D'E

HOIST 7 (Northwall) 5.0'
HOIST 7 (Eastwall) 4.5'
HOIST 7 (Bottom) 7.5'
HOIST 7 (Southwall) 6.0'



GEOCON LEGEND

- B33.....APPROX. LOCATION OF BORING AND SOIL VAPOR PROBE(S)
- B20.....APPROX. LOCATION OF BORING
- I.....INGROUND HYDRAULIC LIFT
-APPROX. LOCATION OF CLARIFIER
-APPROX. LOCATION OF DRAIN
- E.....APPROX. LOCATION OF CROSS - SECTION
- HL6.....APPROX. LOCATION OF BORING
- ▲.....APPROX. LOCATION OF CONFIRMATION SAMPLES
-APPROX. PROPOSED EXCAVATION AREA

CLARIFIER (Northwall) 4.0'

APPROX. SITE
BOUNDARY

1001 EAST BROADWAY
(PARKING LOT AND
DRY CLEANERS)

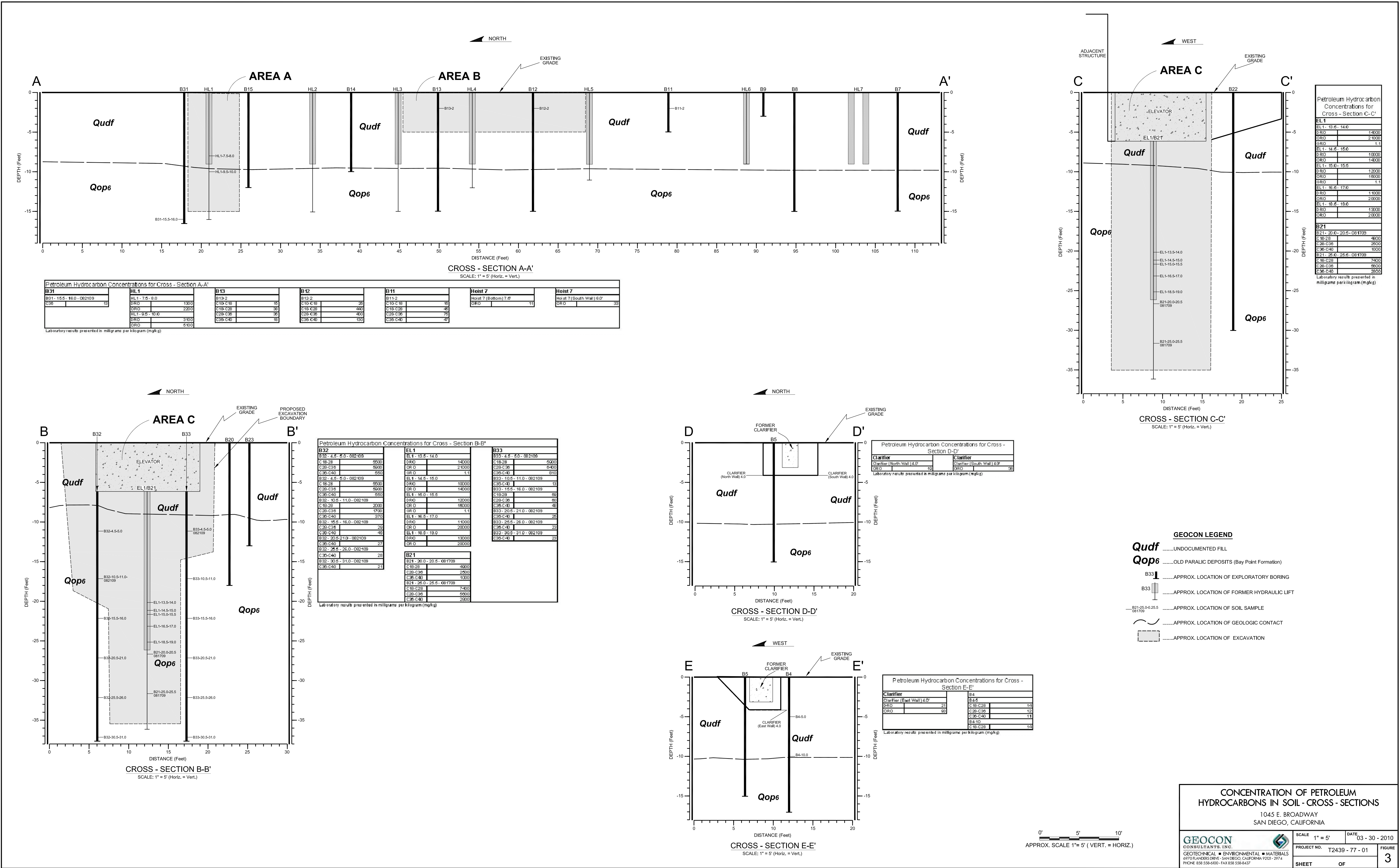
943 10TH AVENUE
(HOTEL)

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PROJECT NO. T2439 - 77 - 01

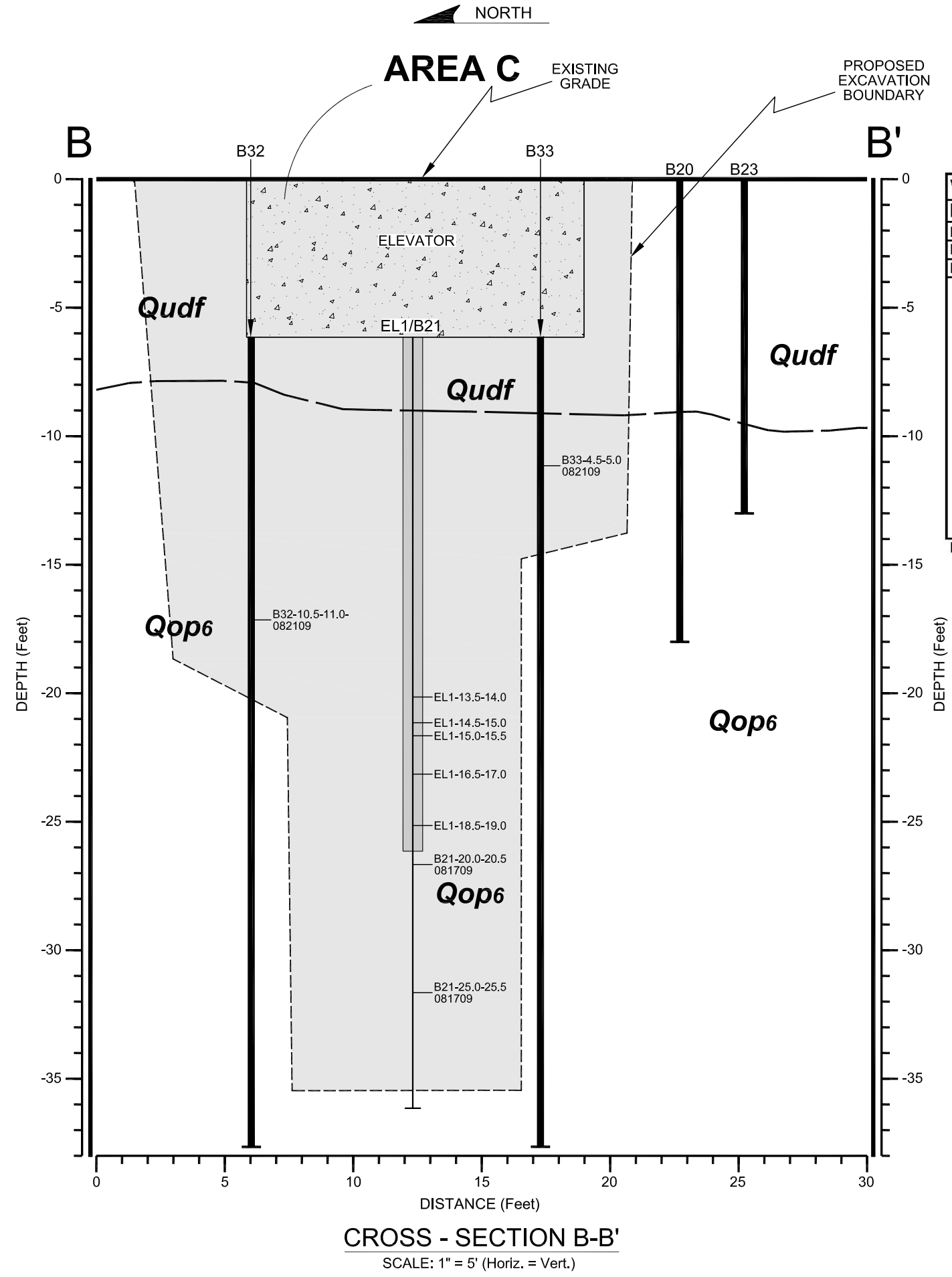
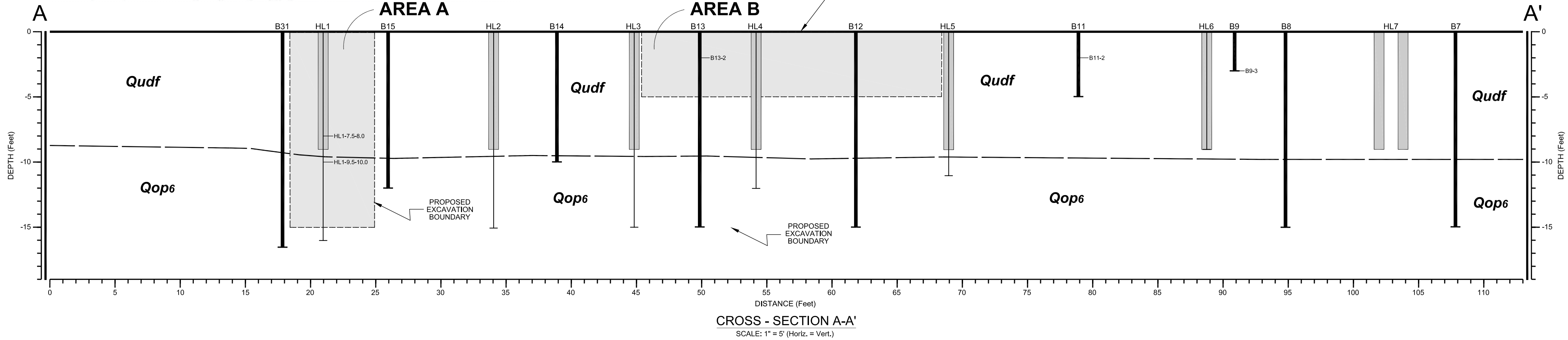
FIGURE 2
DATE 03 - 30 - 2010

SITE MAP



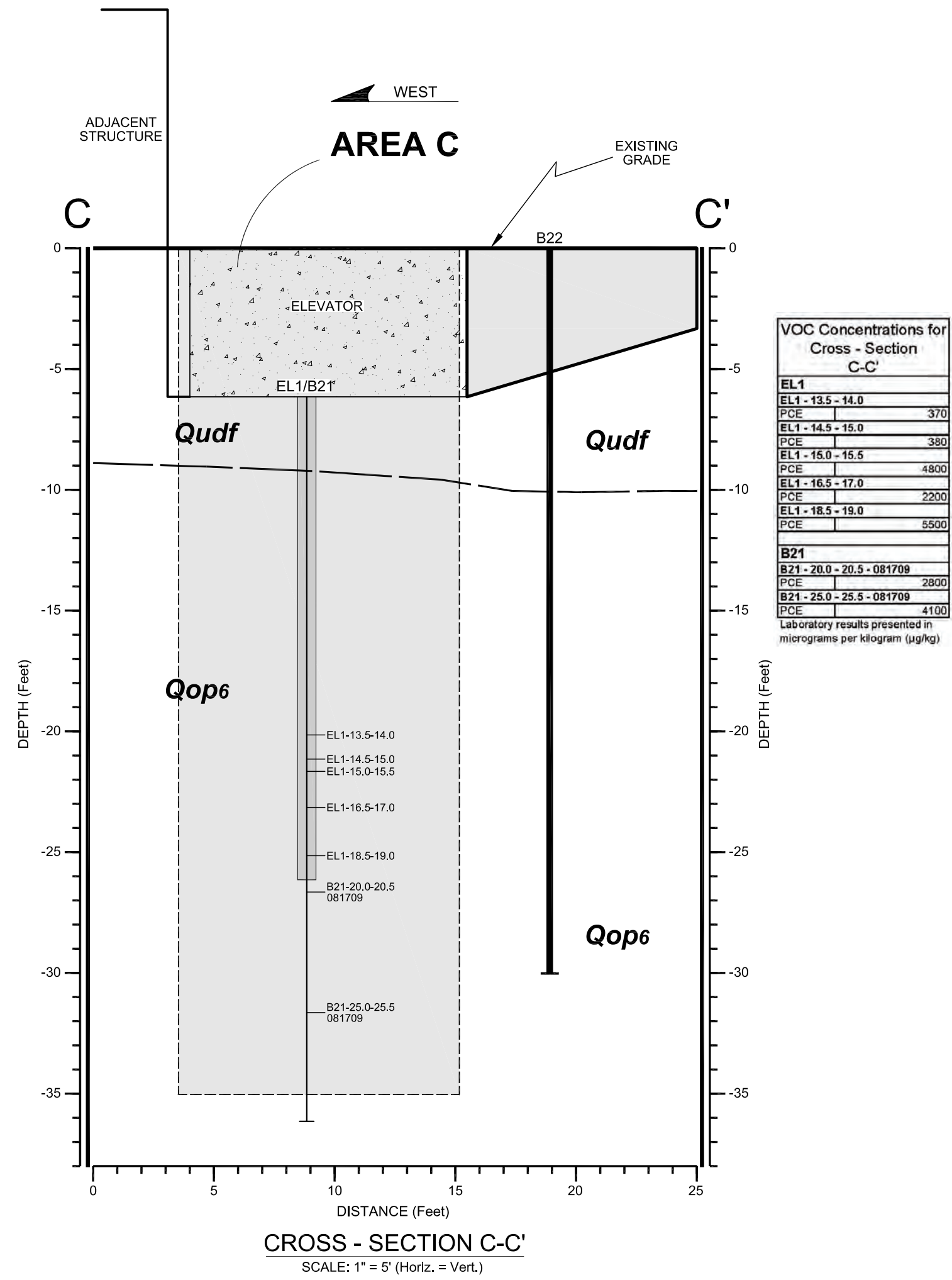
VOC Concentrations for Cross - Section A-A'		
B13	HL1	B9
B13 - 2	HL1 - 7.5 - 8.0	B9 - 3
PCE	PCE	PCE
6.2	34	5.7
	HL1 - 9.5 - 10.0	
	PCE	
	80	
	B11	
	B11 - 2	
	PCE	
	11	

Laboratory results presented in micrograms per kilogram (µg/kg)



VOC Concentrations for Cross - Section B-B'		
B32	EL1	B33
B32 - 10.5 - 11.0 - 082109	EL1 - 13.5 - 14.0	B33 - 4.5 - 5.0 - 082109
Benzene	Naphthalene	PCE
5.4	11	12
PCE	PCE	
15	370	
	EL1 - 14.5 - 15.0	
	PCE	
	380	
	EL1 - 15.0 - 15.5	
	PCE	
	4800	
	EL1 - 16.5 - 17.0	
	PCE	
	2200	
	EL1 - 18.5 - 19.0	
	PCE	
	5500	
	B21	
	B21 - 20.0 - 20.5 - 081709	
	PCE	
	2800	
	B21 - 25.0 - 25.5 - 081709	
	PCE	
	4100	

Laboratory results presented in micrograms per kilogram (µg/kg)



VOC Concentrations for Cross - Section C-C'		
EL1	EL1 - 13.5 - 14.0	
PCE	PCE	
	370	
	EL1 - 14.5 - 15.0	
	PCE	
	380	
	EL1 - 15.0 - 15.5	
	PCE	
	4800	
	EL1 - 16.5 - 17.0	
	PCE	
	2200	
	EL1 - 18.5 - 19.0	
	PCE	
	5500	
	B21	
	B21 - 20.0 - 20.5 - 081709	
	PCE	
	2800	
	B21 - 25.0 - 25.5 - 081709	
	PCE	
	4100	

Laboratory results presented in micrograms per kilogram (µg/kg)

- GEOCON LEGEND**
-UNDOCUMENTED FILL
 -OLD PARALIC DEPOSITS (Bay Point Formation)
 - B33APPROX. LOCATION OF EXPLORATORY BORING
 - B33APPROX. LOCATION OF FORMER HYDRAULIC LIFT
 - B21-25.0-25.5-081709APPROX. LOCATION OF SOIL SAMPLE
 -APPROX. LOCATION OF GEOLOGIC CONTACT
 -APPROX. LOCATION OF EXCAVATION

CONCENTRATION OF VOLATILE ORGANIC COMPOUNDS (VOC) IN SOIL - CROSS - SECTIONS

1045 E. BROADWAY
SAN DIEGO, CALIFORNIA

GEOCON CONSULTANTS, INC. GEOTECHNICAL • ENVIRONMENTAL • MATERIALS 6970 HANCOCK DRIVE • SAN DIEGO, CALIFORNIA 92121 • 2974 PHONE 619 558-6100 • FAX 619 558-8437		SCALE 1" = 5'	DATE 03 - 30 - 2010	FIGURE 4
PROJECT NO. T2439 - 77 - 01		SHEET OF		

Table 1
Summary of Soil Analytical Results
Total Petroleum Hydrocarbons

Sample ID and Depth (feet)	Total Petroleum Hydrocarbons by Modified EPA Test Method 8015B Carbon Range (C ₈ to C ₄₀), GRO, DRO, and ORO reported in milligrams per kilogram (mg/kg)								
	C ₈ -C ₁₀	C ₁₀ -C ₁₈	C ₁₈ -C ₂₈	C ₂₈ -C ₃₆	C ₃₆ -C ₄₀	Total C ₈ -C ₄₀	GRO (C ₅ -C ₁₂)	DRO (C ₁₀ -C ₂₈)	ORO (C ₁₈ -C ₃₆)
B1-2	<10	<10	18	13	<10	31	NA	NA	NA
B2-2	<10	16	28	32	23	99	NA	NA	NA
B3-2	<10	<10	18	13	<10	30	NA	NA	NA
B4-5	<10	<10	14	12	11	38	NA	NA	NA
B4-10	<10	<10	14	<10	<10	14	NA	NA	NA
B4-17	<10	<10	<10	<10	<10	<10	NA	NA	NA
B5-5	<10	<10	<10	<10	<10	<10	NA	NA	NA
B5-10	<10	<10	<10	<10	<10	<10	NA	NA	NA
B5-15	<10	<10	<10	<10	<10	<10	NA	NA	NA
B6-2	<10	<10	20	15	10	46	NA	NA	NA
B6-5	<10	18	71	110	56	260	NA	NA	NA
B7-2	<10	16	36	40	23	110	NA	NA	NA
B7-5	<10	16	42	53	29	140	NA	NA	NA
B7-10	<10	<10	<10	<10	<10	<10	NA	NA	NA
B7-15	<10	<10	<10	<10	<10	<10	NA	NA	NA
B8-2	<10	18	69	110	64	260	NA	NA	NA
B8-5	<10	<10	<10	<10	<10	<10	NA	NA	NA
B8-10	<10	<10	<10	<10	<10	<10	NA	NA	NA
B8-15	<10	<10	<10	<10	<10	<10	NA	NA	NA
B9-3	<10	18	79	130	76	310	NA	NA	NA
B10-2	<10	17	44	52	29	140	NA	NA	NA
B10-5	<10	<10	<10	<10	<10	<10	NA	NA	NA
B10-10	<10	<10	<10	<10	<10	<10	NA	NA	NA
B11-2	<10	16	45	75	47	180	NA	NA	NA
B11-5	<10	<10	<10	<10	<10	<10	NA	NA	NA
B12-2	<10	26	440	400	130	1,000	NA	NA	NA
B12-5	<10	<10	<10	<10	<10	<10	NA	NA	NA
B12-10	<10	<10	<10	<10	<10	<10	NA	NA	NA
B12-15	<10	<10	<10	<10	<10	<10	NA	NA	NA
B13-2	<10	15	38	36	18	110	NA	NA	NA

Table 1
Summary of Soil Analytical Results
Total Petroleum Hydrocarbons

Sample ID and Depth (feet)	Total Petroleum Hydrocarbons by Modified EPA Test Method 8015B Carbon Range (C ₈ to C ₄₀), GRO, DRO, and ORO reported in milligrams per kilogram (mg/kg)								
	C ₈ -C ₁₀	C ₁₀ -C ₁₈	C ₁₈ -C ₂₈	C ₂₈ -C ₃₆	C ₃₆ -C ₄₀	Total C ₈ -C ₄₀	GRO (C ₅ -C ₁₂)	DRO (C ₁₀ -C ₂₈)	ORO (C ₁₈ -C ₃₆)
B13-5	<10	<10	<10	<10	<10	<10	NA	NA	NA
B13-10	<10	<10	<10	<10	<10	<10	NA	NA	NA
B13-15	<10	<10	<10	<10	<10	<10	NA	NA	NA
B14-3	<10	<10	<10	<10	<10	<10	NA	NA	NA
B14-5	<10	<10	<10	<10	<10	<10	NA	NA	NA
B14-10	<10	<10	<10	<10	<10	<10	NA	NA	NA
B15-2	<10	<10	<10	<10	<10	<10	NA	NA	NA
B15-12	<10	<10	<10	<10	<10	<10	NA	NA	NA
B16-2	<10	17	31	13	<10	61	NA	NA	NA
B16-5	<10	<10	<10	<10	<10	<10	NA	NA	NA
B17-2	<10	<10	<10	<10	<10	<10	NA	NA	NA
B18-2	<10	<10	<10	<10	<10	<10	NA	NA	NA
B19-2	<10	<10	<10	<10	<10	<10	NA	NA	NA
B20-5	<10	<10	<10	<10	<10	<10	NA	NA	NA
B20-10	<10	<10	<10	<10	<10	<10	NA	NA	NA
B20-15	<10	<10	<10	<10	<10	<10	NA	NA	NA
B20-18	<10	<10	<10	<10	<10	<10	NA	NA	NA
HL1-7.5-8.0	NA	NA	NA	NA	NA	NA	<1.0	1300	2200
HL1-9.5-10.0	NA	NA	NA	NA	NA	NA	<1.0	3100	5100
HL2-7.5-8.0	NA	NA	NA	NA	NA	NA	<1.0	<10	<10
HL2-9.5-10.0	NA	NA	NA	NA	NA	NA	<1.0	<10	<10
HL3-8.0-8.5	NA	NA	NA	NA	NA	NA	<1.0	<10	<10
HL3-9.5-10.0	NA	NA	NA	NA	NA	NA	<1.0	<10	<10
HL4-8.0-8.5	NA	NA	NA	NA	NA	NA	<1.0	<10	<10
HL4-9.5-10.0	NA	NA	NA	NA	NA	NA	<1.0	<10	<10
HL5-3.0-3.5	NA	NA	NA	NA	NA	NA	<1.0	<10	<10
HL5-7.0-7.5	NA	NA	NA	NA	NA	NA	<1.0	<10	<10
HL6-3.0-3.5	NA	NA	NA	NA	NA	NA	<1.0	<10	<10
HL6-7.0-7.5	NA	NA	NA	NA	NA	NA	<1.0	<10	<10
EL1-13.5-14.0	NA	NA	NA	NA	NA	NA	1.1	14000	21000

Table 1
Summary of Soil Analytical Results
Total Petroleum Hydrocarbons

Sample ID and Depth (feet)	Total Petroleum Hydrocarbons by Modified EPA Test Method 8015B Carbon Range (C ₈ to C ₄₀), GRO, DRO, and ORO reported in milligrams per kilogram (mg/kg)								
	C ₈ -C ₁₀	C ₁₀ -C ₁₈	C ₁₈ -C ₂₈	C ₂₈ -C ₃₆	C ₃₆ -C ₄₀	Total C ₈ -C ₄₀	GRO (C ₅ -C ₁₂)	DRO (C ₁₀ -C ₂₈)	ORO (C ₁₈ -C ₃₆)
EL1-14.5-15.0	NA	NA	NA	NA	NA	NA	<1.0	10000	14000
EL1-15.0-15.5	NA	NA	NA	NA	NA	NA	1.1	12000	16000
EL1-16.5-17.0	NA	NA	NA	NA	NA	NA	<1.0	11000	20000
EL1-18.5-19.0	NA	NA	NA	NA	NA	NA	<1.0	13000	20000
Clarifier (Northwall) 4.0'	NA	NA	NA	NA	NA	NA	NA	<10	19
Clarifier (Southwall) 4.0'	NA	NA	NA	NA	NA	NA	NA	<10	36
Clarifier (Eastwall) 4.0'	NA	NA	NA	NA	NA	NA	NA	21	93
Clarifier (Bottom) 5.5'	NA	NA	NA	NA	NA	NA	NA	<10	<10
Hoist 7 (Northwall) 5.0'	NA	NA	NA	NA	NA	NA	NA	<10	<10
Hoist 7 (Southwall) 6.0'	NA	NA	NA	NA	NA	NA	NA	<10	33
Hoist 7 (Eastwall) 4.5'	NA	NA	NA	NA	NA	NA	NA	<10	<10
Hoist 7 (Westwall) 6.0'	NA	NA	NA	NA	NA	NA	NA	<10	<10
Hoist 7 (Bottom) 7.5'	NA	NA	NA	NA	NA	NA	NA	11	11
B21-20.0-20.5-081709	<200	<200	4900	2500	1000	8500	NA	NA	NA
B21-25.0-25.5-081709	<200	<200	7400	5600	2800	16000	NA	NA	NA
B21-29.0-29.5-081709	<10	<10	<10	<10	<10	<10	NA	NA	NA
B22-4.0-4.5-081709	<10	<10	<10	<10	<10	<10	NA	NA	NA
B22-9.0-9.5-081709	<10	<10	<10	<10	<10	<10	NA	NA	NA
B22-14.0-14.5-081709	<10	<10	<10	<10	<10	<10	NA	NA	NA
B22-19.0-19.5-081709	<10	<10	<10	<10	<10	<10	NA	NA	NA
B22-25.0-25.5-081709	<10	<10	<10	<10	<10	<10	NA	NA	NA
B22-29.0-29.5-081709	<10	<10	<10	<10	<10	<10	NA	NA	NA
B23-4.0-4.5-081709	<10	<10	<10	<10	<10	<10	NA	NA	NA
B23-9.0-9.5-081709	<10	<10	<10	<10	<10	<10	NA	NA	NA
B31-4.5-5.0-082109	<10	<10	<10	<10	<10	<10	NA	NA	NA
B31-10.5-11.0-082109	<10	<10	<10	<10	<10	<10	NA	NA	NA
B31-15.5-16.0-082109	<10	<10	<10	<10	13	13	NA	NA	NA
B32-4.5-5.0-082109	<100	<100	5500	5900	550	12000	NA	NA	NA
B32-10.5-11.0-082109	<20	<20	2000	1700	370	4100	NA	NA	NA
B32-15.5-16.0-082109	<10	<10	<10	29	45	74	NA	NA	NA

Table 1
 Summary of Soil Analytical Results
 Total Petroleum Hydrocarbons

Sample ID and Depth (feet)	Total Petroleum Hydrocarbons by Modified EPA Test Method 8015B Carbon Range (C ₈ to C ₄₀), GRO, DRO, and ORO reported in milligrams per kilogram (mg/kg)								
	C ₈ -C ₁₀	C ₁₀ -C ₁₈	C ₁₈ -C ₂₈	C ₂₈ -C ₃₆	C ₃₆ -C ₄₀	Total C ₈ -C ₄₀	GRO (C ₅ -C ₁₂)	DRO (C ₁₀ -C ₂₈)	ORO (C ₁₈ -C ₃₆)
B32-20.5-21.0-082109	<10	<10	<10	<10	27	27	NA	NA	NA
B32-25.5-26.0-082109	<10	<10	<10	<10	28	28	NA	NA	NA
B32-30.5-31.0-082109	<10	<10	<10	<10	21	21	NA	NA	NA
B33-4.5-5.0-082109	<100	<100	5900	6400	810	13000	NA	NA	NA
B33-10.5-11.0-082109	<10	<10	<10	<10	13	13	NA	NA	NA
B33-15.5-16.0-082109	<10	<10	69	60	48	180	NA	NA	NA
B33-20.5-21.0-082109	<10	<10	<10	<10	25	25	NA	NA	NA
B33-25.5-26.0-082109	<10	<10	<10	<10	23	23	NA	NA	NA
B33-30.5-31.0-082109	<10	<10	<10	<10	23	23	NA	NA	NA

Notes:

NA = not analyzed for method indicated

<10 = not detected at or above laboratory detection limits

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

ORO = Oil Range Organics

Table 2
Summary of Soil Analytical Results
Volatile Organic Compounds

Sample ID and Depth (feet)	Volatile Organic Compounds by EPA Test Method 8260B reported in micrograms per kilogram (µg/kg)			
	Benzene	Methylene chloride	Naphthalene	Tetrachloroethene
B4-5	<5	<5	<5	<5
B4-10	<5	<5	<5	<5
B4-17	<5	<5	<5	<5
B5-5	<5	<5	<5	<5
B5-10	<5	<5	<5	<5
B5-15	<5	<5	<5	<5
B6-2	<5	<5	<5	<5
B7-2	<5	<5	<5	<5
B8-2	<5	<5	<5	<5
B9-3	<5	<5	<5	5.7
B10-2	<5	<5	<5	<5
B10-5	<5	<5	<5	<5
B11-2	<5	<5	<5	11
B12-2	<5	<5	<5	<5
B13-2	<5	<5	<5	6.2
B14-3	<5	<5	<5	<5
B15-2	<5	<5	<5	<5
B16-2	<5	<5	<5	5.4
B16-5	<5	<5	<5	<5
B17-5.2	<5	<5	<5	<5
HL1-7.5-8.0	<5	6.7	<5	34
HL1-9.5-10.0	<5	10	<5	60
HL2-7.5-8.0	<5	<5	<5	<5
HL2-9.5-10.0	<5	<5	<5	<5
HL3-8.0-8.5	<5	<5	<5	<5
HL3-9.5-10.0	<5	<5	<5	<5
HL4-8.0-8.5	<5	<5	<5	<5
HL4-9.5-10.0	<5	<5	<5	<5
HL5-3.0-3.5	<5	<5	<5	<5
HL5-7.0-7.5	<5	<5	<5	<5
HL6-3.0-3.5	<5	5.6	<5	<5
HL6-7.0-7.5	<5	<5	<5	<5
EL1-13.5-14.0	<5	20	11	370
EL1-14.5-15.0	<5	16	<5	380
EL1-15.0-15.5	<5	10	<5	4,800
EL1-16.5-17.0	<5	<5	<5	2,200
EL1-18.5-19.0	<5	<5	<5	5,500
Clarifier (Northwall) 4.0'	<5	<5	<5	<5
Clarifier (Southwall) 4.0'	<5	<5	<5	<5
Clarifier (Eastwall) 4.0'	<5	<5	<5	<5
Clarifier (Bottom) 5.5'	<5	<5	<5	<5
Hoist 7 (Northwall) 5.0'	<5	<5	<5	<5
Hoist 7 (Southwall) 6.0'	<5	<5	<5	<5
Hoist 7 (Eastwall) 4.5'	<5	<5	<5	<5

Table 2
Summary of Soil Analytical Results
Volatile Organic Compounds

Sample ID and Depth (feet)	Volatile Organic Compounds by EPA Test Method 8260B reported in micrograms per kilogram (µg/kg)			
	Benzene	Methylene chloride	Naphthalene	Tetrachloroethene
Hoist 7 (Westwall) 6.0'	<5	<5	<5	<5
Hoist 7 (Bottom) 7.5'	<5	<5	<5	<5
B21-20.0-20.5-081709	<5	<5	<5	2,800
B21-25.0-25.5-081709	<5	<5	<5	4,100
B21-29.0-29.5-081709	<5	<5	<5	<5
B22-4.0-4.5-081709	<5	<5	<5	<5
B22-9.0-9.5-081709	<5	<5	<5	<5
B22-14.0-14.5-081709	<5	<5	<5	<5
B22-19.0-19.5-081709	<5	<5	<5	<5
B22-25.0-25.5-081709	<5	<5	<5	<5
B22-29.0-29.5-081709	<5	<5	<5	<5
B23-4.0-4.5-081709	<5	<5	<5	<5
B23-9.0-9.5-081709	<5	<5	<5	<5
B31-4.5-5.0-082109	<5	<5	<5	<5
B31-10.5-11.0-082109	<5	<5	<5	<5
B31-15.5-16.0-082109	<5	<5	<5	<5
B32-4.5-5.0-082109	<5	<5	<5	<5
B32-10.5-11.0-082109	5.4	<5	<5	15
B32-15.5-16.0-082109	<5	<5	<5	<5
B32-20.5-21.0-082109	<5	<5	<5	<5
B32-25.5-26.0-082109	<5	<5	<5	<5
B32-30.5-31.0-082109	<5	<5	<5	<5
B33-4.5-5.0-082109	<5	<5	<5	12
B33-10.5-11.0-082109	<5	<5	<5	<5
B33-15.5-16.0-082109	<5	<5	<5	<5
B33-20.5-21.0-082109	<5	<5	<5	<5
B33-25.5-26.0-082109	<5	<5	<5	<5
B33-30.5-31.0-082109	<5	<5	<5	<5
RSL - Residential Soil	1,100	1,100	-	570
RSL - Industrial Soil	5,600	5,400	-	2,700

Notes:

<5 = not detected at or above laboratory detection limits

RSL = Regional Screening Level (µg/kg)

Bold indicates detected concentrations

Table 3
 Summary of Soil Analytical Results
 Polychlorinated Biphenyls

Sample ID and Depth	Polychlorinated Biphenyls by EPA Test Method 8082 reported in micrograms per kilogram (µg/kg)								
	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268
Hoist 7 (Northwall) 5.0'	<16	<33	<16	<16	<16	<16	<16	<16	<16
Hoist 7 (Southwall) 6.0'	<16	<33	<16	<16	<16	<16	<16	<16	<16
Hoist 7 (Eastwall) 4.5'	<16	<33	<16	<16	<16	<16	<16	<16	<16
Hoist 7 (Westwall) 6.0'	<16	<33	<16	<16	<16	<16	<16	<16	<16
Hoist 7 (Bottom) 7.5'	<16	<33	<16	<16	<16	<16	<16	<16	<16

Notes:

<16 = not detected at or above laboratory detection limits

Bold indicates detected concentration

Table 4
Summary of Soil Analytical Results
Title 22 Metals

Sample ID and Depth (feet)	Metals by EPA Test Method 6010B reported in milligrams per kilogram (mg/kg)																Mercury by EPA Test Method 7471A
	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
B4-10	<2.0	3.7	23	<1.0	<1.0	11	3.6	3.7	<1.0	<1.0	4	<1.0	<1.0	<1.0	30	16	<0.10
B14-17	<2.0	<1.0	18	<1.0	<1.0	12	4.5	2.7	<1.0	<1.0	2.5	<1.0	<1.0	<1.0	25	14	<0.10
B5-10	<2.0	3.3	22	<1.0	<1.0	14	4.4	4.0	2.1	<1.0	4.3	<1.0	<1.0	<1.0	36	18	<0.10
B5-15	<2.0	<1.0	16	<1.0	<1.0	12	2.2	3.8	1.0	<1.0	3.3	<1.0	<1.0	<1.0	26	14	<0.10
B18-2	NA	NA	NA	NA	NA	NA	NA	NA	4.5	NA	NA	NA	NA	NA	NA	NA	NA
Clarifier (Northwall) 4.0'	<2.0	<1.0	37	<1.0	<1.0	13	6.7	8.0	57	<1.0	5.6	<1.0	<1.0	<1.0	25	43	<0.10
Clarifier (Southwall) 4.0'	<2.0	<1.0	41	<1.0	<1.0	11	5.7	8.1	43	<1.0	5.0	<1.0	<1.0	<1.0	24	42	<0.10
Clarifier (Eastwall) 4.0'	<2.0	1.5	66	<1.0	<1.0	14	6.8	15	80	<1.0	7.3	<1.0	<1.0	<1.0	30	77	0.22
Clarifier (Bottom) 5.5'	<2.0	<1.0	52	<1.0	<1.0	14	6.1	2.8	13	<1.0	6.7	<1.0	<1.0	<1.0	31	26	<0.10
Hoist 7 (Northwall) 5.0'	<2.0	<1.0	51	<1.0	<1.0	12	3.1	2.2	13	<1.0	4.0	<1.0	<1.0	<1.0	29	21	<0.10
Hoist 7 (Southwall) 6.0'	<2.0	<1.0	57	<1.0	<1.0	9.2	3.5	4.3	21	<1.0	3.6	<1.0	<1.0	<1.0	24	29	<0.10
Hoist 7 (Eastwall) 4.5'	<2.0	<1.0	91	<1.0	<1.0	13	4.3	8.6	81	<1.0	5.2	<1.0	<1.0	<1.0	27	78	<0.10
Hoist 7 (Westwall) 6.0'	<2.0	<1.0	29	<1.0	<1.0	15	4.5	<2.0	6.1	<1.0	6.4	<1.0	<1.0	<1.0	32	19	<0.10
Hoist 7 (Bottom) 7.5'	<2.0	<1.0	41	<1.0	<1.0	7.7	2.3	3.3	1.8	<1.0	2.2	<1.0	<1.0	<1.0	26	13	<0.10

Notes:

NA = not analyzed for method indicated

<1.0 = not detected at or above laboratory detection limits

Bold indicates detected concentrations

Table 5
Summary of Soil Vapor Analytical Results
Volatile Organic Compounds

Sample ID and Depth (feet)	Detected Volatile Organic Compounds (VOC) by Modified EPA Test Method 8260B reported in micrograms per liter (µg/l)		VOC concentrations in micrograms per cubic meter (µg/m ³)	
	Benzene	PCE	Benzene	PCE
B5-15-SV	<1.0	23	-	23000
B10-5-SV	<1.0	5.5	-	5500
B16-5-SV	<1.0	1.2	-	1200
B17-5-SV	<1.0	1.7	-	1700
B19-5-SV	<1.0	<1.0	-	-
B21-5	0.50	1.4	500	1400
B21-10	<0.10	9.2	-	9200
B21-15	0.12	64	120	64000
B21-20	<0.10	91	-	91000
B22-5	<0.10	16	-	16000
B22-10	<0.10	39	-	39000
B22-15	<0.10	52	-	52000
B22-20	<0.10	47	-	47000
B24-5	<0.10	18	-	18000
B25-5	<0.10	3.4	-	3400
B26-5	<0.10	1.6	-	1600
B26-10	<0.10	26	-	26000
B27-5, 1 PV	0.11	16	110	16000
B27-5, 3 PV	<0.10	21	-	21000
B27-5, 7 PV	<0.10	18	-	18000
B27-10	<0.10	41	-	41000
B28-5	<0.10	1.3	-	1300
B29-5	<0.10	1.7	-	1700
B29-8	<0.10	15	-	15000
B30-10	<0.10	31	-	31000
B31-5	<0.10	<1.0	-	-
B31-10	<0.10	2.1	-	2100
B31-15	<0.10	9.0	-	9000
B32-5	0.12	<1.0	120	-
B32-10	<0.10	3.9	-	3900
B32-15	<0.10	28	-	28000
B32-20	<0.10	34	-	34000
CHHSL - Residential Land Use			0.084	0.412
CHHSL - Commercial/Industrial Land Use Only			0.141	0.693
RSL - Residential Air			0.31	0.41
RSL - Industrial Air			1.6	2.1

Notes:

<0.10 = not detected at or above laboratory detection limits

PCE = Tetrachloroethene

CHHSL = California Human Health Screen Level (Indoor Air Human Health Screening Levels (µg/m³))RSL = Regional Screening Level (µg/m³)

APPENDIX

B



Project No. T2439-77-01
May 7, 2010

BY E-MAIL AND HAND-DELIVERED

Mr. Keith Kezer
County of San Diego
Department of Environmental Health
Site Assessment and Mitigation Program
1255 Imperial Avenue, Third Floor
San Diego, California 92101

Subject: 1045 BROADWAY
SAN DIEGO, CALIFORNIA
WORKPLAN ADDENDUM

Dear Mr. Kezer:

We have prepared this Workplan Addendum for the property located at 1045 Broadway (the Site) in San Diego, California.

This Addendum has been prepared to transmit supplemental Figures 1 through 6, the Community Health and Safety Plan (Plan) and the rationale for post-excavation confirmation sample location and frequency. This Addendum has been prepared to address comments provided by you in an email dated May 7, 2010.

Specifically, the supplemental Figures 1 through 6 provide extent of impact limits posed by petroleum hydrocarbons and volatile organic compounds in soil. The Plan outlines the procedures and protocols for safeguarding the community from potential impacts during soil removal.

The planned approach for post-excavation confirmation samplings will be to obtain a soil sample from the bottom and sidewalls for every 100 square feet of exposed excavation surface. This procedure will be employed for the excavation at the automotive hoist area. Soil removal at the elevator shaft area (Area C) will be done via auger removal. The depth and limited surface area will make collection of soil samples difficult and it was for this reason that step out soil samples were obtained during site assessment activities to determine the lateral and vertical extents of impact in the elevator shaft area. It is our intent to use the previously collected soil samples and laboratory results obtained to define our excavation boundary that would result in the removal of soil impacted by petroleum hydrocarbons and volatile organic compounds.

This Addendum provides the required information necessary to facilitate review and concurrence with the Workplan for Soil Removal and Site Rehabilitation, dated March 30, 2010.

Sincerely,

GEOCON CONSULTANTS, INC.



Jack Keener
Manager, Environmental Services

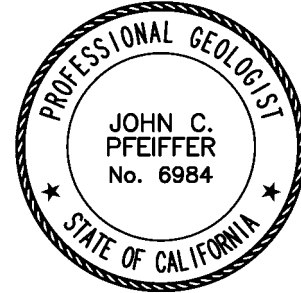
JK:JCP:sc

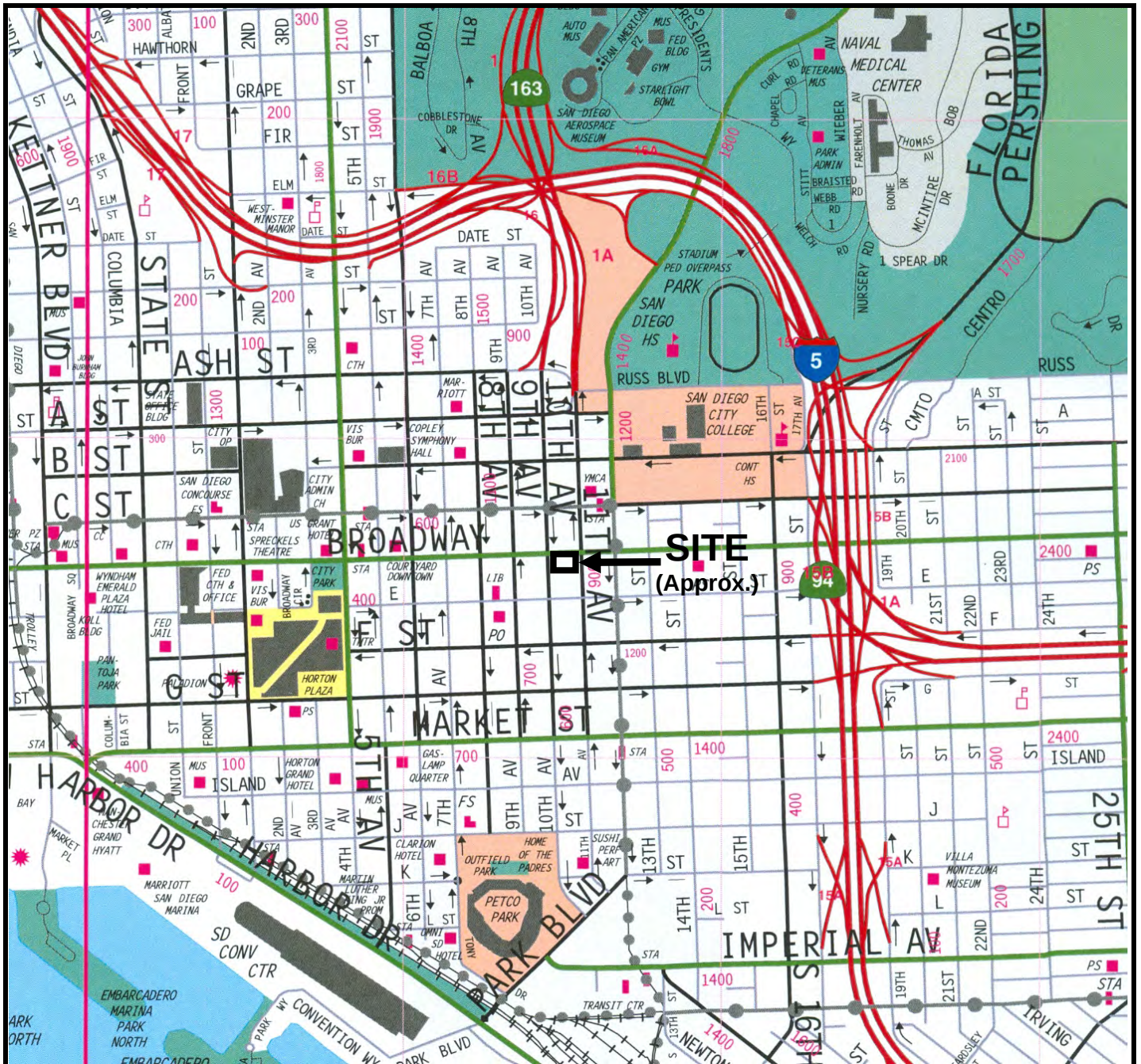
- (1) Addressee
- (1) MSD Masada (By E-Mail and U. S. Mail)
Attention: Ms. Shela Wosk

Attachments: Figure 1, Vicinity Map
Figure 2, Site Plan
Figure 3, TPH Isoconcentration Map
Figure 4, PCE Isoconcentration Map
Figure 5, Limits of Petroleum Hydrocarbons in Soil – Cross-Sections
Figure 6, Limits of PCE in Soil – Cross-Sections
Community Health and Safety Plan, Geocon Consultants, May 7, 2010



John C. Pfeiffer
PG#6984, CEG #2372





SOURCE: 2007 THOMAS BROS. MAP DIGITAL EDITION
SAN DIEGO & IMPERIAL COUNTIES, CALIFORNIA

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THIS MAP IS COPYRIGHTED BY THOMAS BROS. MAPS. IT IS UNLAWFUL TO COPY OR REPRODUCE
ALL OR ANY PART THEREOF, WHETHER FOR PERSONAL USE OR RESALE, WITHOUT PERMISSION.

Approximate Scale
1 in. = 1,000 ft.

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GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121 - 2974
PHONE 858 558-6100 - FAX 858 558-8437

JWK

VICINITY MAP

FORMER GOODYEAR TIRE
AND AUTO SERVICE FACILITY
1045 EAST BROADWAY
SAN DIEGO, CALIFORNIA

DATE: 5-7-2010

PROJECT NO. T2439-77-01

FIG. 1

1045 E. BROADWAY
SAN DIEGO, CALIFORNIA

OFFICE
BUILDING

PARKING
LOT

CALIFORNIA
APTS.

PARKING
LOT

11TH AVENUE

SIDEWALK

APPROX. SITE
BOUNDARY

SIDEWALK

EAST BROADWAY

PARKING LOT

1030 EAST BROADWAY
(NIGHT CLUB)

1028 EAST BROADWAY
(BARBER SHOP)

1001 EAST BROADWAY
(PARKING LOT AND
DRY CLEANERS)

943 10TH AVENUE
(HOTEL)

B1
(3'X3'X2' INCLUDED
IN AREA C)

B2
(3'X3'X2' INCLUDED
IN AREA C)

B3

CLARIFIER (Northwall) 4.0'

CLARIFIER (Eastwall) 4.0'

CLARIFIER (Bottom) 5.5'

CLARIFIER (Southwall) 4.0'

HOIST 7 (Northwall) 5.0'

HOIST 7 (Eastwall) 4.5'

HOIST 7 (Bottom) 7.5'

HOIST 7 (Southwall) 6.0'

HOIST 7 (Westwall) 6.0'

PARKING

PARKING

0' 10' 20' 30' 40'
APPROX. SCALE 1"= 20'

GEOCON LEGEND

B33.....APPROX. LOCATION OF BORING
AND SOIL VAPOR PROBE(S)

B20.....APPROX. LOCATION OF BORING

I.....INGROUND HYDRAULIC LIFT

□.....APPROX. LOCATION OF CLARIFIER

○.....APPROX. LOCATION OF DRAIN

E.....APPROX. LOCATION OF CROSS - SECTION

HL6.....APPROX. LOCATION OF BORING

▲.....APPROX. LOCATION OF CONFIRMATION
SAMPLES

.....APPROX. PROPOSED EXCAVATION AREA

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PROJECT NO. T2439 - 77 - 01

FIGURE 2

DATE 05 - 07 - 2010

SITE MAP

1045 E. BROADWAY
SAN DIEGO, CALIFORNIA

OFFICE
BUILDING

PARKING
LOT

CALIFORNIA
APTS.

PARKING
LOT

11TH AVENUE

SIDEWALK

APPROX. SITE
BOUNDARY

B2
(3'X3'X2'
INCLUDED IN AREA C)

B3

CLARIFIER (Northwall) 4.0'

CLARIFIER (Eastwall) 4.0'

CLARIFIER (Bottom) 5.5'

CLARIFIER (Southwall) 4.0'

PARKING

B1
(3'X3'X2'
INCLUDED IN AREA C)

PARKING

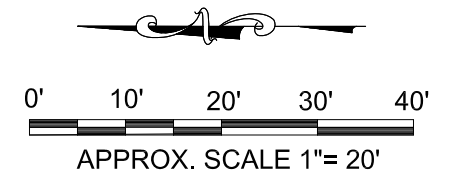
E'
D
B4
B5
D'

HOIST 7 (Northwall) 5.0'

HOIST 7 (Eastwall) 4.5'

HOIST 7 (Bottom) 7.5'

HOIST 7 (Southwall) 6.0'



GEOCON LEGEND

B33 ●.....APPROX. LOCATION OF BORING
AND SOIL VAPOR PROBE(S)

B20 ●.....APPROX. LOCATION OF BORING

IINGROUND HYDRAULIC LIFT

□APPROX. LOCATION OF CLARIFIER

○APPROX. LOCATION OF DRAIN

E'APPROX. LOCATION OF CROSS - SECTION

HL6 ●.....APPROX. LOCATION OF BORING

▲APPROX. LOCATION OF CONFIRMATION
SAMPLES

.....APPROX. PROPOSED EXCAVATION AREA

.....APPROX. LIMITS OF IMPACT

EAST BROADWAY

SIDEWALK

APPROX. SITE
BOUNDARY

1001 EAST BROADWAY
(PARKING LOT AND
DRY CLEANERS)

SERVICE BAY

ELEVATOR
PUMP AND
RESERVOIR

FREIGHT
ELEVATOR

AREA-C

AREA-A

AREA-B

943 10TH AVENUE
(HOTEL)

REMAINDER OF
BUILDING

TRASH
ENCLOSURE

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PROJECT NO. T2439 - 77 - 01

FIGURE 3

DATE 05 - 07 - 2010

TPH ISOCONCENTRATION MAP

1045 E. BROADWAY
SAN DIEGO, CALIFORNIA

OFFICE
BUILDING

PARKING
LOT

CALIFORNIA
APTS.

PARKING
LOT

11TH AVENUE

SIDEWALK

APPROX. SITE
BOUNDARY

B2
(3'X3'X2'
INCLUDED IN AREA C)

B3

CLARIFIER (Northwall) 4.0'

CLARIFIER (Eastwall) 4.0'

CLARIFIER (Bottom) 5.5'

CLARIFIER (Southwall) 4.0'

PARKING

B1
(3'X3'X2'
INCLUDED IN AREA C)

PARKING

E'
D'
B4
B5
E
D

HOIST 7 (Northwall) 5.0'

HOIST 7 (Eastwall) 4.5'

HOIST 7 (Bottom) 7.5'

HOIST 7 (Southwall) 6.0'

0' 10' 20' 30' 40'
APPROX. SCALE 1"= 20'

GEOCON LEGEND

B33.....APPROX. LOCATION OF BORING
AND SOIL VAPOR PROBE(S)

B20.....APPROX. LOCATION OF BORING

I.....INGROUND HYDRAULIC LIFT

□.....APPROX. LOCATION OF CLARIFIER

○.....APPROX. LOCATION OF DRAIN

E'.....APPROX. LOCATION OF CROSS - SECTION

HL6.....APPROX. LOCATION OF BORING

▲.....APPROX. LOCATION OF CONFIRMATION
SAMPLES

.....APPROX. PROPOSED EXCAVATION AREA

.....APPROX. LIMITS OF IMPACT

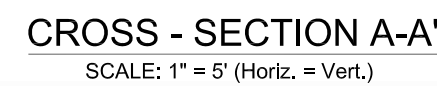
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PROJECT NO. T2439 - 77 - 01

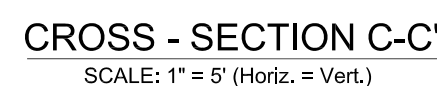
FIGURE 4
DATE 05 - 07 - 2010



PCE ISOCONCENTRATION MAP

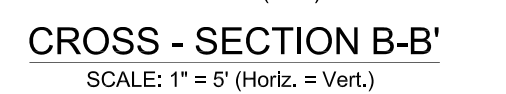
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Laboratory results presented in milligrams per kilogram (mg/kg)



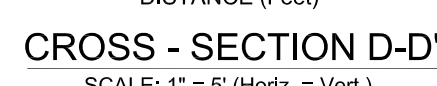
Petroleum Hydrocarbon Concentrations for Cross - Section C-C'	
E1.1	
EL.1: 13.5 - 14.0	
DRO	14000
GRD	21000
EL.1: 14.5 - 15.0	1.1
DRO	10000
GRD	14000
EL.1: 15.0 - 15.5	
DRO	13000
GRD	16000
EL.1: 16.5 - 17.0	1.1
DRO	11000
GRD	20000
EL.1: 18.5 - 19.0	
DRO	13000
GRD	20000
B21	
C15: 20.0 - 20.5: 08-1709	
C15-B2	4000
C25-B2	2500
C35-B2	9000
C45-B2	7400
C15: 22.0 - 22.5: 08-1709	
C15-B2	6000
C25-B2	2800

Laboratory results presented in milligrams per kilogram (mg/kg)



Petroleum Hydrocarbon Concentrations for Cross - Section B-B'			
B32	EL1		B33
C12: 4.5, 6.0, 082:109	EL1 - 12.5, 14.0		B33: 4.5, 6.0, 082:109
C16: 29	GR0	14000	C16:29
C20: 536	GR0	2100	C20:536
C36:C40	GR0	1.1	C36:C40
C42: 4.5, 5.0, 082:109	EL1 - 14.5, 15.0	10000	B33: 10.5, 11.0, 082:109
C16: 29	GR0	15	C36:C40
C20: 536	GR0	14000	B33: 15.5, 16.0, 082:109
C36:C40	EL1 - 15.0, 15.5	12000	C16:29
C42: 32.5, 11.0, 082:109	C20: 536	15	C20:536
C16: 29	GR0	16000	C36:C40
C20: 536	GR0	1.1	B33: 2.08, 2.10, 082:109
C36:C40	EL1 - 16.5, 17.0	41	C36:C40
C42: 15.5, 16.0, 082:109	GR0	11000	B33: 25.5, 26.0, 082:109
C16: 29	C20: 536	22	C36:C40
C20: 536	EL1 - 18.5, 19.0	20000	B33: 30.5, 31.0, 082:109
C36:C40	GR0	13000	C36:C40
C42: 25.5, 26.0, 082:109			
C16: 29			
C20: 536			
C36:C40			
C42: 30.5, 31.0, 082:109			
C16: 29			
	B21		
	EL1 - 20.0, 20.5, 081:109		
	C20: 536	4900	
	C36:C40	2600	
	C42: 25.5	1500	
	EL1 - 25.0, 25.5, 081:109		
	C16: 29	7400	
	C20: 536	8600	
	C36:C40	2900	

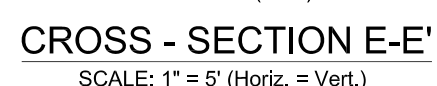
Laboratory results presented in milligrams per kilogram (mg/kg)



Petroleum Hydrocarbon Concentrations for Cross - Section D-D'	
Clarifier	Clarifier
Clarifier (North Wall) 4.0'	Clarifier (South Wall) 4.0'
ORC	ORC
19	36

Laboratory results presented in milligrams per kilogram (mg/kg)

Laboratory results presented in milligrams per kilogram (mg/kg)



Petroleum Hydrocarbon Concentrations for Cross - Section E-E'			
Clarifier			B4
Clarifier (East Wall) 4.0'			B4.5
DRO	21		C18-C28
ORO	93		C28-C36
			C36-C40
			B4-10
			C18-C28
Laboratory results presented in milligrams per kilogram (mg/kg)			

Laboratory results presented in milligrams per kilogram (mg/kg)

GEOCON LEGEND

QudfUNDOCUMENTED FILL

Qop6OLD PARALIC DEPOSITS (Bay Point Formation)

B33 APPROX. LOCATION OF EXPLORATORY BORING

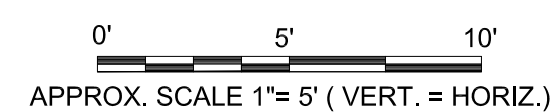
.....APPROX. LOCATION OF EXPLORATOR

.....APPROX. LOCATION OF FORMER HYDRAULIC LIFT

—B21-25.0-0.25.5APPROX. LOCATION OF SOIL SAMPLE
081709

.....APPROX. LOCATION OF GEOLOGIC CONTACT

APPROX. LOCATION OF EXCAVATION



1045 E. BROADWAY
SAN DIEGO, CALIFORNIA

GEOCON
CONSULTANTS, INC.
GEOTECHNICAL ■ ENVIRONMENTAL
6970 FLANDERS DRIVE - SAN DIEGO, CA 92121
PHONE 858 558-6100 - FAX 858 558-6101



SCALE 1" = 5'	DATE 05 - 07 - 2010
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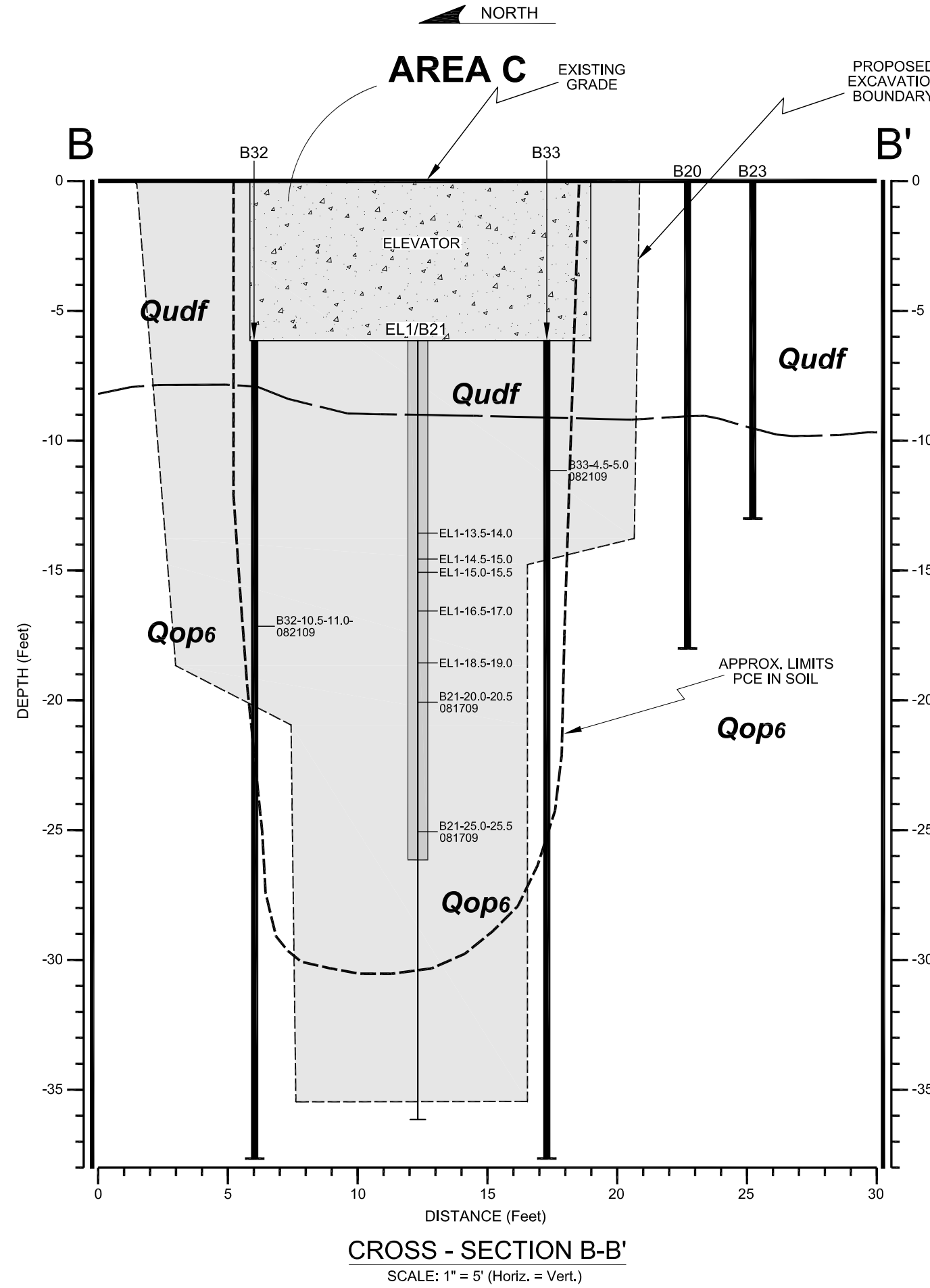
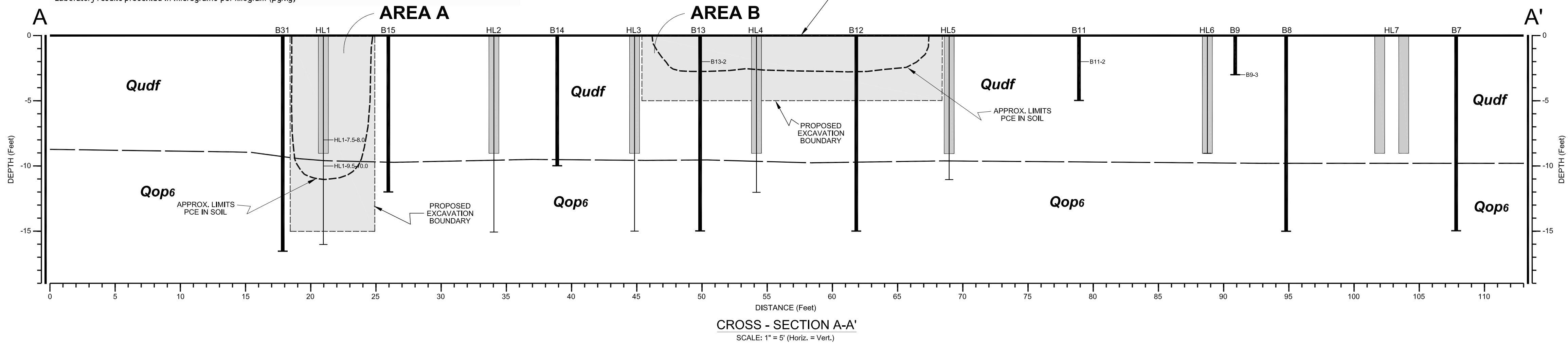
PROJECT NO.	T2439 - 77 - 01	FILE NO.
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SHEET	OF
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FIGURE 5

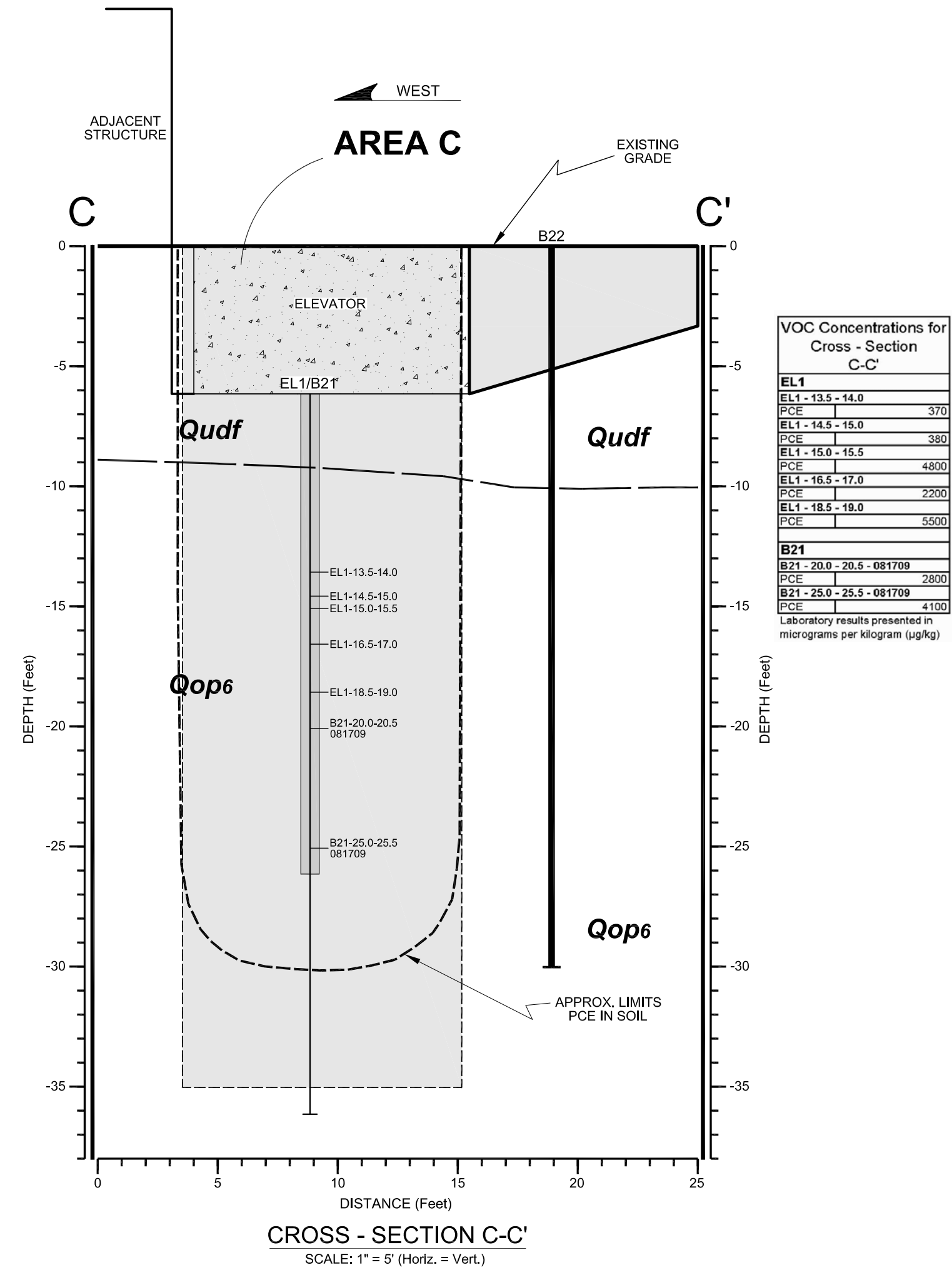
VOC Concentrations for Cross - Section A-A'				
B13		HL1	B9	
B13 - 2		HL1 - 7.5 - 8.0	B9 - 3	
PCE	6.2	PCE	34	
		HL1 - 9.5 - 10.0	PCE	60
		B11		
		B11 - 2		
		PCE	11	

Laboratory results presented in micrograms per kilogram (µg/kg)



VOC Concentrations for Cross - Section B-B'				
B32		EL1	B33	
B32 - 10.5 - 11.0 - 082109		EL1 - 13.5 - 14.0	B33 - 4.5 - 5.0 - 082109	
Benzene	5.4	Naphthalene	11	
PCE	15	PCE	370	
		EL1 - 14.5 - 15.0	PCE	380
		EL1 - 15.0 - 15.5	PCE	4800
		EL1 - 16.5 - 17.0	PCE	2200
		EL1 - 18.5 - 19.0	PCE	5500
		B21		
		B21 - 20.0 - 20.5 - 081709		
		PCE	2800	
		B21 - 25.0 - 25.5 - 081709	PCE	4100

Laboratory results presented in micrograms per kilogram (µg/kg)



VOC Concentrations for Cross - Section C-C'				
EL1		EL1	B21	
EL1 - 13.5 - 14.0		EL1 - 13.5 - 14.0	B21 - 20.0 - 20.5 - 081709	
PCE	370	EL1 - 14.5 - 15.0	PCE	2800
EL1 - 14.5 - 15.0	380	EL1 - 15.0 - 15.5	B21 - 25.0 - 25.5 - 081709	
PCE	4800	EL1 - 16.5 - 17.0	PCE	4100
EL1 - 15.0 - 15.5	2200	EL1 - 18.5 - 19.0		
PCE	5500			
EL1 - 16.5 - 17.0				

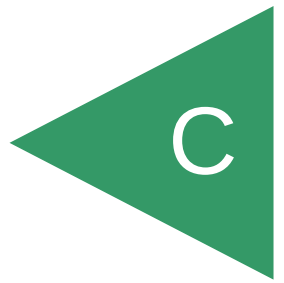
Laboratory results presented in micrograms per kilogram (µg/kg)

- GEOCON LEGEND**
- Qudf** UNDOCUMENTED FILL
 - Qop6** OLD PARALIC DEPOSITS (Bay Point Formation)
 - B33** APPROX. LOCATION OF EXPLORATORY BORING
 - B33** APPROX. LOCATION OF FORMER HYDRAULIC LIFT
 - B21-25.0-25.5 081709** APPROX. LOCATION OF SOIL SAMPLE
 - APPROX. LOCATION OF GEOLOGIC CONTACT
 - APPROX. LOCATION OF EXCAVATION

LIMITS OF PCE IN SOIL - CROSS - SECTIONS

1045 E. BROADWAY
SAN DIEGO, CALIFORNIA

APPENDIX





County of San Diego

JACK MILLER
DIRECTOR

**DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION**

P.O. BOX 129261, SAN DIEGO, CA 92112-9261
619-338-2222/FAX 619-338-2315/1-800-253-9933
www.sdcdeh.org

ELIZABETH POZZEBON
ASSISTANT DIRECTOR

May 12, 2010

Ms. Shela Wosk
MSD Masada Company, LLC
P.O. Box 12-2336
San Diego, CA 92112

Dear Ms. Wosk:

VOLUNTARY ASSISTANCE PROGRAM – DEH CASE NO. H27452-001
RESPONSE LETTER
FORMER GOODYEAR TIRE
1045 BROADWAY, SAN DIEGO, CALIFORNIA 92101

Staff of the Department of Environmental Health, Site Assessment and Mitigation Program (SAM) reviewed the following documents prepared by Geocon Consultants, Inc.:

- *Additional Soil and Soil Vapor Investigation*, dated October 15, 2009
- *Workplan for Soil Removal and Site Rehabilitation*, dated March 30, 2010
- *Workplan Addendum*, dated May 7, 2010

The report documents the actions and subsequent findings of several environmental investigations at the site, including soil and soil vapor sampling activities conducted to determine the extent of contamination at the property. The workplans propose to excavate contaminants at the site.

SAM Staff spoke with the property owner, Ms. Shela Wosk of the MSD Masada Company, on May 10, 2010, to discuss the project in more depth than presented in the previously provided documents. Ms. Wosk indicated that the proposed property use was a paved parking lot and that the cleanup goals for the site should correlate accordingly. While future redevelopment was not out of the question, Ms. Wosk indicated that any discussion regarding future property use was highly premature and repeated that there were currently no plans for redevelopment at this time. The goal of the proposed cleanup, as stated by Ms. Wosk, is to transform the subject site into a paved parking lot in the most cost efficient manner that environmental responsibility allows. With this goal in mind, and at the request of Ms. Wosk, SAM evaluated the cleanup options for the site based on available information.

Site specific cleanup goals can vary greatly from one property to another depending on numerous factors, including the contaminants in question, the existing or proposed site use and that of neighboring properties, and a multitude of other site specific characteristics such as groundwater usage and depth, and nearby sensitive receptors. Rarely is any one cleanup goal (published or not) appropriate for all sites and implementation of this approach without a thorough understanding of all site characteristics, commonly referred to as a site conceptual model (SCM), can lead to an

inefficient or ineffective remediation plan. With this in mind, and with the proposed site use as a paved parking lot, SAM provides the following site management options, which address the property owner's goals, as identified and requested above, while protecting human health and the environment in the most efficient manner.

Option 1

SAM evaluated the provided data and site characteristics with the proposed use as a paved, grade level parking lot which would not contain any human occupied structures. As part of this evaluation, SAM reviewed surrounding property use, potential vapor risk issues, anticipated contaminant mobility, and potential for groundwater impact among other items. Based on this review, and considering that additional assessment and/or mitigation activities may be necessary in the future (as identified in Option 2), beyond those already conducted and proposed, **the property in its existing environmental condition appears to be acceptable for use as a grade level paved parking lot with no human occupied structures.** Should future property use change from a paved parking lot, the site must be reevaluated to ensure that any new proposed use continues to protect human health and the environment. Future redevelopment of the site would require additional assessment and remediation activities appropriate for the new proposed site use.

Option 2

The proposed cleanup action will act to remove the majority of identified contamination at the site, including total petroleum hydrocarbons (oils) greater than 1,000 milligrams per kilogram, and the majority of tetrachloroethene (PCE), a cleaning solvent. These activities would mitigate a significant amount of contamination at the site and development as a paved parking lot would of course be acceptable. However, **prior to site redevelopment with placement of a structure, slab on grade or underground development requiring excavation, additional assessment activities will be required to address the following items** in an effort to more completely develop the SCM:

1. Significant PCE vapor concentrations were identified in the northwestern portion of the site; however there does not appear to be any soil sampling data available to assess the source of the PCE vapors. While the consultant-provided theory, that vapors are likely attributed to the adjacent cleaners, is plausible, it remains untested and additional assessment must be conducted in an attempt to determine the source of PCE vapors in this area to ensure future structures are adequately protected. If additional PCE-impacted soil was identified, this material may have to be mitigated prior to placement of structures.
2. Potential lead-impacted soil has not been adequately assessed at the site. Based on boring logs and cross sections, a significant amount of undocumented fill exists across the site, which in this area of downtown San Diego may contain burn ash and associated heavy metals. The observation of concrete and brick fragments in backfill supports the potential existence of burn ash. While there were several soil samples collected and analyzed for metals at the site, the majority of them were associated with the clarifier and hoist 7 or were taken at excessive depths, outside the standard burn ash depths of near-surface to approximately five feet below grade. Typically burn ash assessments include collection of soil samples in a random grid type pattern across the site at several depths to assess the presence and depth of impacts. If lead-impacted soil was observed across the site, proper handling and disposal would be required prior to redevelopment.

Option 3

As identified in Option 2 above, additional assessment must be conducted at the site prior to future structural redevelopment. As a proactive approach, **assessment activities, as identified in Option 2, can be completed now in an effort to better understand if the proposed excavation activities will be successful in mitigating contaminants or if additional remediation activities will be necessary in the future**, should site redevelopment occur. One potential benefit of conducting assessment activities now, as opposed to the future, is that the current economic climate may allow assessment activities to be conducted more quickly and cheaply than in the future. In addition, the site is presently more accessible to conduct work, which could be more challenging if done at a later date following construction and usage as a paved parking lot.

Option 4

On occasion, environmental work is conducted prior to a determination of site usage. Typically these scenarios correspond with property transactions where the property buyer requires the site to be "clean" upon or immediately following delivery. While there is no plan to sell or develop the site at this time, the same principles can be employed proactively to ready the site for future redevelopment. In this scenario, a conservative land use is proposed for the site, typically residential with below grade parking. **Assessment and cleanup actions are conducted assuming residential with below grade parking land use, which would be appropriate for the majority of potential property uses including commercial, industrial, and land uses with less stringent requirements.** Following completion of assessment and mitigation activities, SAM would issue a concurrence letter approving the site for use as residential with below grade parking and other less sensitive uses as identified above.

SAM must be notified prior to implementation of the aforementioned options and is available for further discussion, elaboration, or questions should they be required. Your consultant must prepare the request to implement the selected option and include pertinent information in accordance with the option chosen (i.e. if your selection includes the implementation of additional assessment activities, a workplan should be prepared and presented to SAM in accordance with the SAM Manual). If Option 1 is chosen, no additional work is necessary with the exception of a notice of intent to implement. Regardless of which option is chosen, SAM will respond as appropriate.

Unless otherwise requested, this letter will conclude expedited review of this project. If you have any questions regarding this project, please do not hesitate to call me at (619) 338-2908.

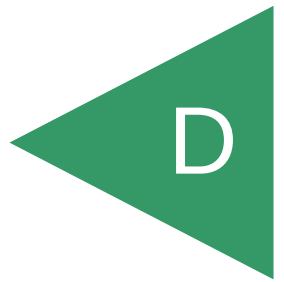
Sincerely,

KEITH E. KEZER, Project Manager
Site Assessment and Mitigation Program

KEVIN M. HEATON, PG 4163, CHg 163
Senior Hydrogeologist
Site Assessment and Mitigation Program

cc: Jack Keener, Geocon Consultants, Inc.

APPENDIX





Project No. T2439-77-01
May 25, 2010

BY E-MAIL AND HAND-DELIVERED

Mr. Keith Kezer
County of San Diego
Department of Environmental Health
Site Assessment and Mitigation Program
1255 Imperial Avenue, Third Floor
San Diego, California 92101

Subject: 1045 BROADWAY
SAN DIEGO, CALIFORNIA
NOTIFICATION OF WORKPLAN IMPLEMENTATION

Dear Mr. Kezer:

This letter serves as Notification of Implementation of the soil removal activities to be conducted at 1045 Broadway Property (the Site) located at 1045 Broadway in San Diego, California. The work proposed in the Workplan for Soil Removal and Site Rehabilitation, dated March 30, 2010, and the Workplan Addendum dated May 7, 2010, is slated for commencement on June 1, 2010. Public Notices will be placed on the perimeter fencing on Friday, May 28, 2010.

The additional investigation recommended in your May 12, 2010, letter will be conducted prior to Site Redevelopment as a commercial/residential structure at some point in the future. The interim end land use as a parking lot will commence shortly following soil removal and disposal activities.

As always, should you have any questions or comments please do not hesitate to contact me at (858) 558-6100. Thank you.

Sincerely,

GEOCON CONSULTANTS, INC.

Jack Keener
Manager, Environmental Services

JWK:sc

- (1) Addressee
- (1) MSD Masada (By E-Mail and U. S. Mail)
Attention: Ms. Shela Wosk

APPENDIX

E

COMMUNITY HEALTH AND SAFETY PLAN

**1045 BROADWAY
SAN DIEGO, CALIFORNIA**



GEOCON
CONSULTANTS, INC.

GEOTECHNICAL
ENVIRONMENTAL
MATERIALS

Prepared for

**COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
SITE ASSESSMENT AND MITIGATION
PROGRAM
POST OFFICE BOX 129261
SAN DIEGO, CALIFORNIA 92112-9261**

Prepared by

**GEOCON CONSULTANTS, INC.
6970 FLANDERS DRIVE
SAN DIEGO, CALIFORNIA 92121
Tel. (858) 558-6100 Fax. (858) 558-8437
E-mail: environmental@geoconinc.com**

MAY 7, 2010

PROJECT NO. T2439-77-01



Project No. T2439-77-01
May 7, 2010

BY E-MAIL AND HAND-DELIVERED

Mr. Keith Kezer
County of San Diego
Department of Environmental Health
Site Assessment and Mitigation Program
1255 Imperial Avenue, Third Floor
San Diego, California 92101

Subject: 1045 BROADWAY
SAN DIEGO, CALIFORNIA
COMMUNITY HEALTH AND SAFETY PLAN

Dear Mr. Kezer:

We have prepared this Community Health and Safety Plan for the property located at 1045 Broadway Property (the Site) located at 1045 Broadway in San Diego, California.

The Community Health and Safety Plan has been prepared in accordance with Section 4.IV of the 2004 SAM Manual and addresses potential public exposure during excavation and grading, monitoring equipment, control measures, emergency planning, and public notification. Control measures have been provided addressing site security, vapors, dust, noise, open excavations, and stockpile management. If you have any questions concerning this Community Health and Safety Plan, please contact the undersigned at your convenience.

Sincerely,

GEOCON CONSULTANTS, INC.

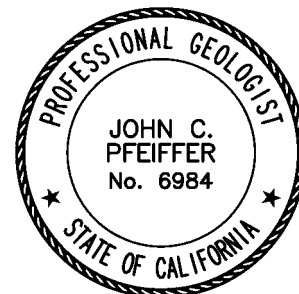
Jack Keener
Manager, Environmental Services

JWK:JCP:sc

- (1) Addressee
- (1) MSD Masada (By E-Mail and U. S. Mail)
Attention: Ms. Shela Wosk

Attachments: Figure 1, Hospital Location Map
Example Public Notice

John C. Pfeiffer
PG#6984, CEG#2372



COMMUNITY HEALTH AND SAFETY PLAN

Project: 1045 Broadway

Property Owner: MSD Masada
P.O. Box 122336
San Diego, California 92112
(619) 239-8448

DEH Case No.: H27452-001

APNs: 534-332-11-00

Preparer: Geocon Consultants, Inc.
6970 Flanders Drive
San Diego, California 92121
Tel (858) 558-6100
Fax (858) 558-8437

Geocon Project No: T2439-77-01

Project Manager: Jack Keener

Corporate Health & Safety Specialist: Jack Keener

Site Safety Manager: Jack Keener

Planned Activities: Observe the excavation of impacted soil near a former freight elevator and automotive hoists. Soil sampling has identified hazardous concentrations of volatile organic compounds and total petroleum hydrocarbons in site soil. Geocon will perform observation and testing during excavation activities.

Chemical Hazards: Volatile Organic Compounds and Total Petroleum Hydrocarbons

Chemical Hazard of Principle Concern: tetrachlorethene (PCE)

Emergency Phone: 911

Hospital: Scripps Mercy Hospital
4077 5th Avenue
San Diego, California
(619) 294-8111

Directions to Hospital: From the site go east on Broadway toward 11th Avenue. Turn left on 11th Avenue. 11th Avenue becomes the onramp to CA-163. Exit 1A on the left toward Escondido. Take the Washington Street Exit. Turn right onto 5th Avenue. The location of the site and the hospital is shown on the Hospital Location Map, Figure 1.

Site Identification

The site is located at 1045 Broadway in San Diego, California. The approximate location of the site is shown on the Vicinity Map, Figure 1. Topography of the site and surrounding area is relatively flat; therefore, topographic contour lines are not depicted on the Site Plan.

Potential Public Exposures to Hazards

Volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPH) have been identified as Contaminants of Concern (COCs). Exposure to the COCs can occur through inhalation of vapors and/or inhalation of dust, ingestion of soil containing COCs, and dermal absorption of TPH and/or VOCs. Tetrachloroethene (PCE) is the primary COC on the site because it is a carcinogen. The predominant exposure route for PCE is inhalation and/or ingestion of dust during the planned excavation.

Chemical exposures are generally divided into two categories: acute and chronic. Symptoms resulting from an acute exposure usually occur during or shortly after exposure to a sufficiently high concentration. Symptoms resulting from a chronic exposure generally occur following prolonged or repeated exposures to lower concentrations. The concentrations required to produce symptoms of exposure depend upon the medium in which the compounds occur, the duration of exposure, and the number of exposures.

Potential physical hazards associated with soil excavation include explosion, fire, electrical shock, and noise exposure.

- Explosions and fires often arise spontaneously. However, they more commonly result from site activities where an ignition source (such as a spark from equipment) is introduced to an explosive or flammable environment (e.g., vapors).
- Electrical hazards include overhead power lines and buried cables which pose a danger of shock or electrocution if workers or equipment contact or sever them during site operations. A utility locating service should be retained prior to any excavation activity.
- Noise hazards can be created by equipment that generates excessive noise. Excessive noise can result in physical damage to the ear. On-site personnel within approximately 25 feet of the excavation equipment are advised to wear hearing protection devices during the excavation activities.

Monitoring Equipment

During the excavation activities, field personnel will screen excavated soil and along the site perimeter for volatile TPH and VOCs utilizing an organic vapor analyzer (OVA) (e.g., a photo ionization detector [PID] or a flame ionization detector [FID]). If readings greater than 25 parts per million (ppm) are detected

along the site perimeter, corrective measures (e.g. vapor suppression) will be taken. Field personnel will also monitor the site perimeter for fugitive dust emissions using particulate monitors.

Control Methods

- Site Security. The site will be protected from unauthorized entry by a fence along the site perimeter.
- Vapors. To minimize public exposure to potential vapor emissions, suspected impacted soil will be wetted prior to, during, and after excavation. Soils will be stockpiled and covered with plastic sheeting.
- Dust. Control methods will be taken to minimize potential public exposure to dust generated as a result of the proposed activities (e.g., wetting the soil prior to, during, and after excavation, and during loading into trucks, covering stockpiled soil with plastic sheeting, reducing the pace of the excavation, or halting excavation activities).
- Noise. Noise levels are not expected to exceed the maximum allowable levels, day or night, for the commercial/residential area. Excavation activities will be conducted between the hours of 7 am to 6 pm.
- Open Excavations. Open excavations will be secured from public access by a fence along the site perimeter.

Site Safety Manager

Jack Keener of Geocon will be the Site Safety Manager and can be reached at (949) 633-4530. The Site Safety Manager will be available 24 hours a day and will have the knowledge and authority necessary to shut down all on-site activities in the event of an emergency. In the event of a sudden release of hazardous materials, the Site Safety Manager will initiate the immediate cessation of all site activity contributing to the release. The Site Safety Manager will also be responsible for notifying the appropriate emergency response agencies as well as the County of San Diego DEH.

Emergency Measures

If a community emergency situation (e.g., the ponding of a flammable or combustible substance or the build-up of explosive concentrations of vapors) arises, the Site Safety Manager will immediately coordinate the appropriate emergency response with other on-site personnel as well as the County of San Diego Hazardous Materials Response Unit. Upon arrival at the site, Geocon and County of San Diego personnel will assess the situation and the possible need for evacuation of potentially affected persons in the vicinity. Response personnel will be equipped with appropriate personal protective equipment including respirators or self-contained breathing apparatus.

Public Notification Program

Public notices will be posted at the perimeter of the site. Due to the low level of exposure potential, the public notification program will not include the preparation and distribution of notices to residences and businesses adjacent to and in the vicinity of the subject site.

The public notice will contain the following information:

1. Names and 24-hour telephone numbers for the Site Safety Manager, consultant, and property owner/manager.
2. A brief description of the proposed activities.
3. The dates and times that the work will be conducted and an estimation of when the work will be completed.
4. Appropriate Proposition 65 warnings.

From the site go east on
Broadway toward 11th
Avenue.

Turn left on 11th Avenue.
11th Avenue becomes
ramp.

Merge onto CA-163 North
via exit 1A on the left
toward Escondido.

Take the Washington
Street East exit.

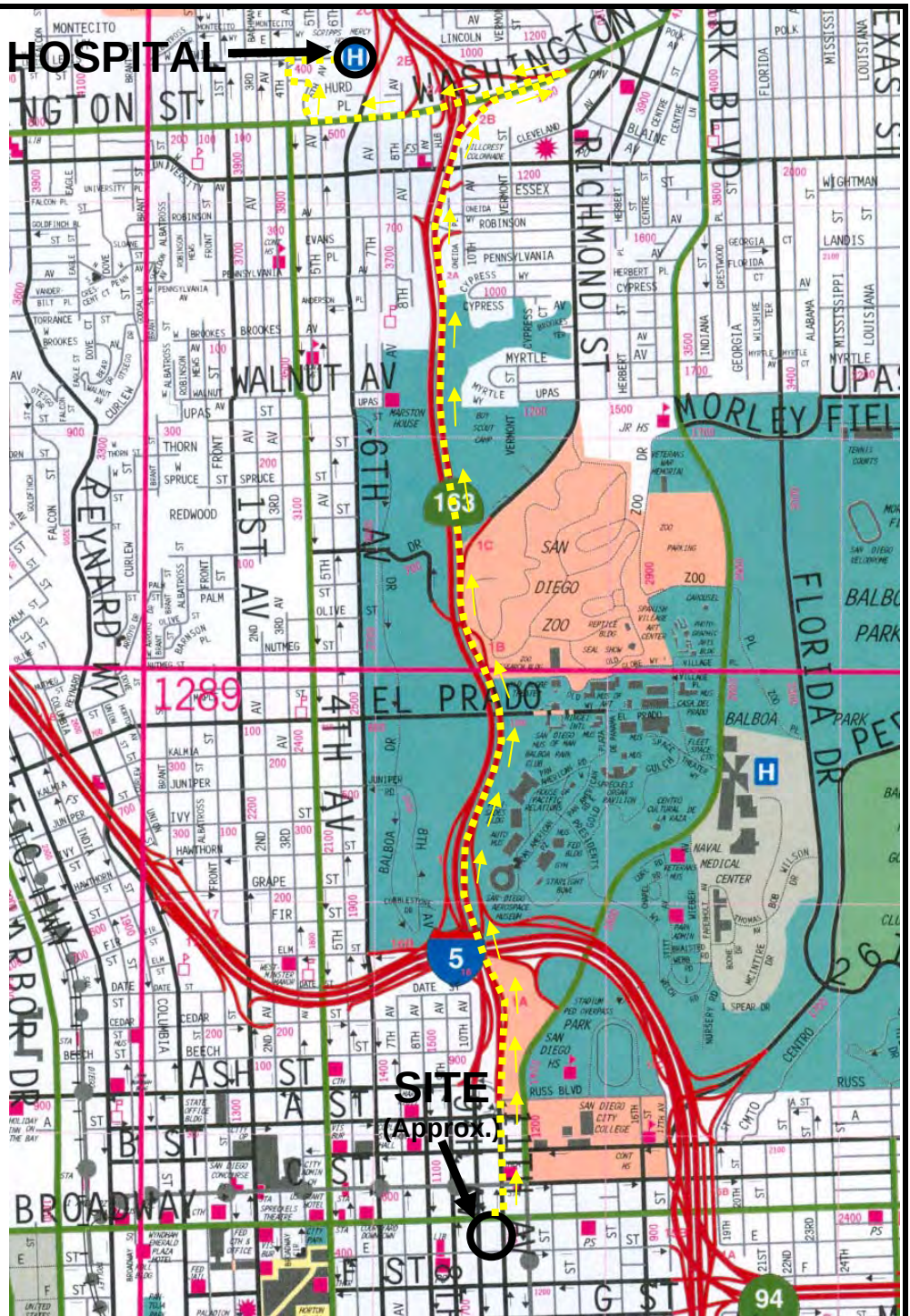
Merge onto Washington
Avenue.

Make a u-turn onto
Washington Street.

Turn right onto 5th
Avenue.

Total Est. Distance from
Site: 3.39 miles (6
minutes)

Scripps Mercy Hospital
4077 5th Avenue
San Diego, CA 92103
(619) 294-8111



SOURCE: 2007 THOMAS BROS. MAP
SAN DIEGO COUNTY, CALIFORNIA

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No Scale

GEOCON
CONSULTANTS, INC.



GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 858 558-6100 - FAX 858 558-8437

JWK

HOSPITAL LOCATION MAP

1045 EAST BROADWAY
SAN DIEGO, CALIFORNIA

DATE: 5-7-2010

PROJECT NO. T2439-77-01

FIG. 1

NOTICE

This notification has been prepared by Geocon Consultants, Inc. on behalf of MSD Masada, the owner of the property located at 1045 Broadway in San Diego, California, to inform the occupants of adjacent properties of the following, as requested by the County of San Diego Department of Environmental Health, Site Assessment and Mitigation Division:

- Excavation activities will be conducted and may extend through the end of June 2010, within the site boundaries at the referenced property to remove soil potentially impacted with petroleum hydrocarbons including tetrachloroethene (PCE), associated with past site usage.
- tetrachloroethene is known by the State of California to cause cancer and birth defects or other reproductive harm
- Access to the property will be halted during the above referenced activities. It is anticipated that there will not be measureable concentrations of PCE vapor in the air beyond the site boundaries during the excavation activities.

If you have any questions concerning this notice, please contact any of the following:

- Mr. Jack Keener, Geocon Consultants, Inc., Site Safety Officer and Project Manager
(858) 558-6100
- Ms. Shela Wosk, MSD Masada, Property Developer
(619) 239-8448
- Mr. Keith Kezer, County of San Diego Department of Environmental Health
(619) 338-2908

APPENDIX



June 04, 2010



Jack Keener
Geocon Consultants, Inc.
6960 Flanders Drive
San Diego, CA 92121
TEL: (858) 558-3192
FAX: (858) 558-8437

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
CSDLAC No.: 10196

Workorder No.: 112059

RE: 1045 BROADWAY, T2439-77-01

Attention: Jack Keener

Enclosed are the results for sample(s) received on June 02, 2010 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

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

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

Sincerely,

Eddie F. Rodriguez
Laboratory Director

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



Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 04-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	AREA-A-NORTHWALL-5'
Lab Order:	112059	Collection Date:	6/2/2010 2:00:00 PM
Project:	1045 BROADWAY, T2439-77-01	Matrix:	SOIL
Lab ID:	112059-001A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100603A	QC Batch: 64495	PrepDate: 6/2/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	106	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100603A	QC Batch: K10VS131	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 04-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112059
Project: 1045 BROADWAY, T2439-77-01
Lab ID: 112059-001A

Client Sample ID: AREA-A-NORTHWALL-5'
Collection Date: 6/2/2010 2:00:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100603A	QC Batch:	K10VS131	PrepDate:	Analyst: BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Chloroethane	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Chloroform	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Chloromethane	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Dibromomethane	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Ethylbenzene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
m,p-Xylene	ND	10	µg/Kg	1	6/3/2010 10:40 AM
Methylene chloride	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Naphthalene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
o-Xylene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Styrene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Toluene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Trichloroethene	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Vinyl chloride	ND	5.0	µg/Kg	1	6/3/2010 10:40 AM
Surr: 1,2-Dichloroethane-d4	91.4	70-130	%REC	1	6/3/2010 10:40 AM
Surr: 4-Bromofluorobenzene	89.0	70-130	%REC	1	6/3/2010 10:40 AM
Surr: Dibromofluoromethane	92.7	70-130	%REC	1	6/3/2010 10:40 AM
Surr: Toluene-d8	101	70-130	%REC	1	6/3/2010 10:40 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 04-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	AREA-A-SOUTHWALL-5'
Lab Order:	112059	Collection Date:	6/2/2010 2:00:00 PM
Project:	1045 BROADWAY, T2439-77-01	Matrix:	SOIL
Lab ID:	112059-002A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

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EPA 8015B(M)

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1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

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ANALYTICAL RESULTS

Print Date: 04-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	AREA-A-SOUTHWALL-5'
Lab Order:	112059	Collection Date:	6/2/2010 2:00:00 PM
Project:	1045 BROADWAY, T2439-77-01	Matrix:	SOIL
Lab ID:	112059-002A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100603A	QC Batch: K10VS131	PrepDate:	Analyst: BD
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Chlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Chloroethane	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Chloroform	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Chloromethane	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Dibromomethane	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Ethylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
m,p-Xylene	ND	10	µg/Kg	1	6/3/2010 11:19 AM
Methylene chloride	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Naphthalene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
o-Xylene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Styrene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Toluene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Trichloroethene	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Vinyl chloride	ND	5.0	µg/Kg	1	6/3/2010 11:19 AM
Surr: 1,2-Dichloroethane-d4	90.6	70-130	%REC	1	6/3/2010 11:19 AM
Surr: 4-Bromofluorobenzene	91.7	70-130	%REC	1	6/3/2010 11:19 AM
Surr: Dibromofluoromethane	92.8	70-130	%REC	1	6/3/2010 11:19 AM
Surr: Toluene-d8	98.7	70-130	%REC	1	6/3/2010 11:19 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112059
Project: 1045 BROADWAY, T2439-77-01
Lab ID: 112059-003A

Client Sample ID: AREA-A-EASTWALL-5'
Collection Date: 6/2/2010 2:00:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100603A	QC Batch: 64495	PrepDate: 6/2/2010	Analyst: CBR
ORO	35	10	mg/Kg
Surr: p-Terphenyl	113	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100603A	QC Batch: K10VS131	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 04-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112059
Project: 1045 BROADWAY, T2439-77-01
Lab ID: 112059-003A

Client Sample ID: AREA-A-EASTWALL-5'
Collection Date: 6/2/2010 2:00:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100603A	QC Batch:	K10VS131	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Chloroethane	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Chloroform	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Chloromethane	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Dibromomethane	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
m,p-Xylene	ND	10	µg/Kg	1	6/3/2010 11:35 AM	
Methylene chloride	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
o-Xylene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Styrene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Toluene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Trichloroethene	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/3/2010 11:35 AM	
Surr: 1,2-Dichloroethane-d4	95.8	70-130	%REC	1	6/3/2010 11:35 AM	
Surr: 4-Bromofluorobenzene	93.3	70-130	%REC	1	6/3/2010 11:35 AM	
Surr: Dibromofluoromethane	94.9	70-130	%REC	1	6/3/2010 11:35 AM	
Surr: Toluene-d8	100	70-130	%REC	1	6/3/2010 11:35 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112059
Project: 1045 BROADWAY, T2439-77-01
Lab ID: 112059-004A

Client Sample ID: AREA-A-WESTWALL-5'
Collection Date: 6/2/2010 2:00:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100603A	QC Batch: 64495	PrepDate: 6/2/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	107	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100603A	QC Batch: K10VS131	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 04-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112059
Project: 1045 BROADWAY, T2439-77-01
Lab ID: 112059-004A

Client Sample ID: AREA-A-WESTWALL-5'
Collection Date: 6/2/2010 2:00:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100603A	QC Batch:	K10VS131	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Chloroethane	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Chloroform	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Chloromethane	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Dibromomethane	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
m,p-Xylene	ND	10	µg/Kg	1	6/3/2010 11:51 AM	
Methylene chloride	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
o-Xylene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Styrene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Toluene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Trichloroethene	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/3/2010 11:51 AM	
Surr: 1,2-Dichloroethane-d4	90.7	70-130	%REC	1	6/3/2010 11:51 AM	
Surr: 4-Bromofluorobenzene	89.0	70-130	%REC	1	6/3/2010 11:51 AM	
Surr: Dibromofluoromethane	93.2	70-130	%REC	1	6/3/2010 11:51 AM	
Surr: Toluene-d8	98.0	70-130	%REC	1	6/3/2010 11:51 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	AREA-A-BOTTOM NORTH-13.5'
Lab Order:	112059	Collection Date:	6/2/2010 3:00:00 PM
Project:	1045 BROADWAY, T2439-77-01	Matrix:	SOIL
Lab ID:	112059-005A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100603A	QC Batch: 64495	PrepDate: 6/2/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	113	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100603A	QC Batch: K10VS131	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 04-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	AREA-A-BOTTOM NORTH-13.5'
Lab Order:	112059	Collection Date:	6/2/2010 3:00:00 PM
Project:	1045 BROADWAY, T2439-77-01	Matrix:	SOIL
Lab ID:	112059-005A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100603A	QC Batch: K10VS131	PrepDate:	Analyst: BD		
Chlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Chloroethane	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Chloroform	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Chloromethane	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Dibromomethane	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Ethylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
m,p-Xylene	ND	10	µg/Kg	1	6/3/2010 12:08 PM
Methylene chloride	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Naphthalene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
o-Xylene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Styrene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Toluene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Trichloroethene	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Vinyl chloride	ND	5.0	µg/Kg	1	6/3/2010 12:08 PM
Surr: 1,2-Dichloroethane-d4	97.1	70-130	%REC	1	6/3/2010 12:08 PM
Surr: 4-Bromofluorobenzene	89.9	70-130	%REC	1	6/3/2010 12:08 PM
Surr: Dibromofluoromethane	93.2	70-130	%REC	1	6/3/2010 12:08 PM
Surr: Toluene-d8	102	70-130	%REC	1	6/3/2010 12:08 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 04-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	AREA-A-BOTTOM SOUTH-13.5'
Lab Order:	112059	Collection Date:	6/2/2010 3:00:00 PM
Project:	1045 BROADWAY, T2439-77-01	Matrix:	SOIL
Lab ID:	112059-006A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100603A	QC Batch: 64495	PrepDate: 6/2/2010	Analyst: CBR		
ORO	ND	10	mg/Kg	1	6/3/2010 09:52 AM
Surr: p-Terphenyl	121	63-152	%REC	1	6/3/2010 09:52 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100603A	QC Batch: K10VS131	PrepDate:	Analyst: BD		
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	6/3/2010 12:24 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
Benzene	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
Bromobenzene	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
Bromoform	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
Bromomethane	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	6/3/2010 12:24 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 04-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	AREA-A-BOTTOM SOUTH-13.5'
Lab Order:	112059	Collection Date:	6/2/2010 3:00:00 PM
Project:	1045 BROADWAY, T2439-77-01	Matrix:	SOIL
Lab ID:	112059-006A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100603A	QC Batch: K10VS131	PrepDate:	Analyst: BD
Chlorobenzene	ND	5.0	µg/Kg
Chloroethane	ND	5.0	µg/Kg
Chloroform	ND	5.0	µg/Kg
Chloromethane	ND	5.0	µg/Kg
cis-1,2-Dichloroethene	ND	5.0	µg/Kg
cis-1,3-Dichloropropene	ND	5.0	µg/Kg
Dibromochloromethane	ND	5.0	µg/Kg
Dibromomethane	ND	5.0	µg/Kg
Dichlorodifluoromethane	ND	5.0	µg/Kg
Ethylbenzene	ND	5.0	µg/Kg
Hexachlorobutadiene	ND	5.0	µg/Kg
Isopropylbenzene	ND	5.0	µg/Kg
m,p-Xylene	ND	10	µg/Kg
Methylene chloride	ND	5.0	µg/Kg
n-Butylbenzene	ND	5.0	µg/Kg
n-Propylbenzene	ND	5.0	µg/Kg
Naphthalene	ND	5.0	µg/Kg
o-Xylene	ND	5.0	µg/Kg
sec-Butylbenzene	ND	5.0	µg/Kg
Styrene	ND	5.0	µg/Kg
tert-Butylbenzene	ND	5.0	µg/Kg
Tetrachloroethene	ND	5.0	µg/Kg
Toluene	ND	5.0	µg/Kg
trans-1,2-Dichloroethene	ND	5.0	µg/Kg
Trichloroethene	ND	5.0	µg/Kg
Trichlorofluoromethane	ND	5.0	µg/Kg
Vinyl chloride	ND	5.0	µg/Kg
Surr: 1,2-Dichloroethane-d4	91.2	70-130	%REC
Surr: 4-Bromofluorobenzene	96.4	70-130	%REC
Surr: Dibromofluoromethane	90.4	70-130	%REC
Surr: Toluene-d8	103	70-130	%REC

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 04-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	AREA-A-STOCKPILE COMP
Lab Order:	112059	Collection Date:	6/2/2010 3:30:00 PM
Project:	1045 BROADWAY, T2439-77-01	Matrix:	SOIL
Lab ID:	112059-007A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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ICP METALS

EPA 3050B		EPA 6010B	
RunID: ICP8_100603A	QC Batch: 64502	PrepDate: 6/3/2010	Analyst: SRB
Antimony	ND	2.0	mg/Kg
Arsenic	ND	1.0	mg/Kg
Barium	29	1.0	mg/Kg
Beryllium	ND	1.0	mg/Kg
Cadmium	ND	1.0	mg/Kg
Chromium	7.9	1.0	mg/Kg
Cobalt	2.4	1.0	mg/Kg
Copper	ND	2.0	mg/Kg
Lead	2.5	1.0	mg/Kg
Molybdenum	ND	1.0	mg/Kg
Nickel	2.3	1.0	mg/Kg
Selenium	ND	1.0	mg/Kg
Silver	ND	1.0	mg/Kg
Thallium	ND	1.0	mg/Kg
Vanadium	25	1.0	mg/Kg
Zinc	13	1.0	mg/Kg

MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT		EPA 8015B(M)	
RunID: GC16_100603A	QC Batch: 64495	PrepDate: 6/2/2010	Analyst: CBR
ORO	330	10	mg/Kg
Surr: p-Terphenyl	114	63-152	%REC

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A	
RunID: AA1_100603B	QC Batch: 64507
Mercury	ND

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B	
RunID: MS4_100603A	QC Batch: K10VS131
1,1,1,2-Tetrachloroethane	ND
1,1,1-Trichloroethane	ND
1,1,2,2-Tetrachloroethane	ND
1,1,2-Trichloroethane	ND
1,1-Dichloroethane	ND

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 04-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	AREA-A-STOCKPILE COMP
Lab Order:	112059	Collection Date:	6/2/2010 3:30:00 PM
Project:	1045 BROADWAY, T2439-77-01	Matrix:	SOIL
Lab ID:	112059-007A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100603A	QC Batch: K10VS131	PrepDate:	Analyst: BD
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1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	6/3/2010 12:41 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Benzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Bromobenzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Bromoform	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Bromomethane	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Chlorobenzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Chloroethane	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Chloroform	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Chloromethane	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Dibromomethane	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Ethylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 04-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	AREA-A-STOCKPILE COMP
Lab Order:	112059	Collection Date:	6/2/2010 3:30:00 PM
Project:	1045 BROADWAY, T2439-77-01	Matrix:	SOIL
Lab ID:	112059-007A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100603A	QC Batch: K10VS131	PrepDate:	Analyst: BD		
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
m,p-Xylene	ND	10	µg/Kg	1	6/3/2010 12:41 PM
Methylene chloride	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Naphthalene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
o-Xylene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Styrene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Toluene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Trichloroethene	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Vinyl chloride	ND	5.0	µg/Kg	1	6/3/2010 12:41 PM
Surr: 1,2-Dichloroethane-d4	95.3	70-130	%REC	1	6/3/2010 12:41 PM
Surr: 4-Bromofluorobenzene	91.4	70-130	%REC	1	6/3/2010 12:41 PM
Surr: Dibromofluoromethane	93.7	70-130	%REC	1	6/3/2010 12:41 PM
Surr: Toluene-d8	101	70-130	%REC	1	6/3/2010 12:41 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



Advanced Technology
Laboratories

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CLIENT: Geocon Consultants, Inc.
Work Order: 112059
Project: 1045 BROADWAY, T2439-77-01

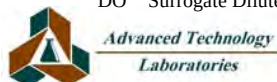
ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_S**

Sample ID: MB-64502	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 6/3/2010	RunNo: 121770						
Client ID: PBS	Batch ID: 64502	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 6/3/2010	SeqNo: 1947053						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID: LCS-64502	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 6/3/2010	RunNo: 121770						
Client ID: LCSS	Batch ID: 64502	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 6/3/2010	SeqNo: 1947054						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	50.666	2.0	50.00	0	101	80	120				
Arsenic	48.906	1.0	50.00	0	97.8	80	120				
Barium	52.830	1.0	50.00	0	106	80	120				
Beryllium	52.050	1.0	50.00	0	104	80	120				
Cadmium	50.065	1.0	50.00	0	100	80	120				
Chromium	51.552	1.0	50.00	0	103	80	120				
Cobalt	51.221	1.0	50.00	0	102	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



CLIENT: Geocon Consultants, Inc.
Work Order: 112059
Project: 1045 BROADWAY, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

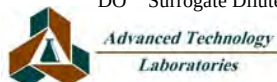
TestCode: 6010_S

Sample ID: LCS-64502	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 6/3/2010	RunNo: 121770						
Client ID: LCSS	Batch ID: 64502	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 6/3/2010	SeqNo: 1947054						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	53.618	2.0	50.00	0	107	80	120				
Lead	51.188	1.0	50.00	0	102	80	120				
Molybdenum	53.452	1.0	50.00	0	107	80	120				
Nickel	49.699	1.0	50.00	0	99.4	80	120				
Selenium	45.496	1.0	50.00	0	91.0	80	120				
Silver	52.301	1.0	50.00	0	105	80	120				
Thallium	51.321	1.0	50.00	0	103	80	120				
Vanadium	51.316	1.0	50.00	0	103	80	120				
Zinc	49.316	1.0	50.00	0	98.6	80	120				

Sample ID: 112053-002A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 6/3/2010	RunNo: 121770						
Client ID: ZZZZZZ	Batch ID: 64502	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 6/3/2010	SeqNo: 1947057						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	89.809	2.0	125.0	0	71.8	32	105				
Arsenic	110.661	1.0	125.0	3.967	85.4	49	106				
Barium	124.484	1.0	125.0	9.790	91.8	31	133				
Beryllium	112.814	1.0	125.0	0.05651	90.2	56	106				
Cadmium	108.947	1.0	125.0	0.09372	87.1	51	103				
Chromium	118.976	1.0	125.0	4.547	91.5	45	114				
Cobalt	109.261	1.0	125.0	1.197	86.5	52	106				
Copper	143.084	2.0	125.0	21.86	97.0	54	125				
Lead	113.313	1.0	125.0	3.272	88.0	34	126				
Molybdenum	107.869	1.0	125.0	0.4124	86.0	54	106				
Nickel	111.764	1.0	125.0	3.412	86.7	45	111				
Selenium	98.756	1.0	125.0	0	79.0	47	104				
Silver	116.206	1.0	125.0	0	93.0	56	112				
Thallium	107.844	1.0	125.0	0	86.3	46	101				
Vanadium	134.789	1.0	125.0	16.63	94.5	54	114				
Zinc	150.746	1.0	125.0	39.13	89.3	28	125				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Geocon Consultants, Inc.
Work Order: 112059
Project: 1045 BROADWAY, T2439-77-01

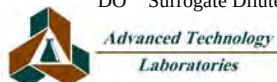
ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: 112053-002A-MSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 6/3/2010	RunNo: 121770						
Client ID: ZZZZZZ	Batch ID: 64502	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 6/3/2010	SeqNo: 1947058						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	91.154	2.0	125.0	0	72.9	32	105	89.81	1.49	20	
Arsenic	107.940	1.0	125.0	3.967	83.2	49	106	110.7	2.49	20	
Barium	120.875	1.0	125.0	9.790	88.9	31	133	124.5	2.94	20	
Beryllium	112.139	1.0	125.0	0.05651	89.7	56	106	112.8	0.600	20	
Cadmium	105.811	1.0	125.0	0.09372	84.6	51	103	108.9	2.92	20	
Chromium	115.468	1.0	125.0	4.547	88.7	45	114	119.0	2.99	20	
Cobalt	106.420	1.0	125.0	1.197	84.2	52	106	109.3	2.63	20	
Copper	136.939	2.0	125.0	21.86	92.1	54	125	143.1	4.39	20	
Lead	111.611	1.0	125.0	3.272	86.7	34	126	113.3	1.51	20	
Molybdenum	105.104	1.0	125.0	0.4124	83.8	54	106	107.9	2.60	20	
Nickel	108.946	1.0	125.0	3.412	84.4	45	111	111.8	2.55	20	
Selenium	97.658	1.0	125.0	0	78.1	47	104	98.76	1.12	20	
Silver	112.994	1.0	125.0	0	90.4	56	112	116.2	2.80	20	
Thallium	106.833	1.0	125.0	0	85.5	46	101	107.8	0.942	20	
Vanadium	134.438	1.0	125.0	16.63	94.2	54	114	134.8	0.260	20	
Zinc	135.915	1.0	125.0	39.13	77.4	28	125	150.7	10.3	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: Geocon Consultants, Inc.
Work Order: 112059
Project: 1045 BROADWAY, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB-64507	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 6/3/2010	RunNo: 121772						
Client ID: PBS	Batch ID: 64507	TestNo: EPA 7471A		Analysis Date: 6/3/2010	SeqNo: 1947081						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	ND	0.10									
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Sample ID: LCS-64507	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 6/3/2010	RunNo: 121772						
Client ID: LCSS	Batch ID: 64507	TestNo: EPA 7471A		Analysis Date: 6/3/2010	SeqNo: 1947082						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.784	0.10	0.8300	0	94.4	80	120				
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Sample ID: 112053-002A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 6/3/2010	RunNo: 121772						
Client ID: ZZZZZZ	Batch ID: 64507	TestNo: EPA 7471A		Analysis Date: 6/3/2010	SeqNo: 1947083						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

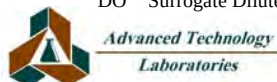
Mercury	0.775	0.10	0.8300	0	93.4	70	130				
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Sample ID: 112053-002A-MSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 6/3/2010	RunNo: 121772						
Client ID: ZZZZZZ	Batch ID: 64507	TestNo: EPA 7471A		Analysis Date: 6/3/2010	SeqNo: 1947084						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.820	0.10	0.8300	0	98.8	70	130	0.7754	5.62	20	
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Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



Advanced Technology
Laboratories

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CLIENT: Geocon Consultants, Inc.
Work Order: 112059
Project: 1045 BROADWAY, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_MO H

Sample ID: MB-64495	SampType: MBLK	TestCode: 8015_S_MO	Units: mg/Kg	Prep Date: 6/2/2010	RunNo: 121763						
Client ID: PBS	Batch ID: 64495	TestNo: EPA 8015B(M LUFT	Analysis Date: 6/3/2010	SeqNo: 1946879							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
ORO	ND	10									
Surr: p-Terphenyl	101.750		80.00		127	63	152				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
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DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: Geocon Consultants, Inc.
Work Order: 112059
Project: 1045 BROADWAY, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

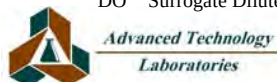
Sample ID: K100603LCS1	SampType: LCS	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121768						
Client ID: LCSS	Batch ID: K10VS131	TestNo: EPA 8260B	Analysis Date: 6/3/2010	SeqNo: 1946976							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	42.700	5.0	50.00	0	85.4	70	130				
Benzene	100.530	5.0	100.0	0	101	70	130				
Chlorobenzene	49.980	5.0	50.00	0	100	82	130				
MTBE	51.920	5.0	50.00	0	104	70	130				
Toluene	100.640	5.0	100.0	0	101	70	130				
Trichloroethene	50.180	5.0	50.00	0	100	77	130				
Surr: 1,2-Dichloroethane-d4	47.760		50.00		95.5	70	130				
Surr: 4-Bromofluorobenzene	50.120		50.00		100	70	130				
Surr: Dibromofluoromethane	49.120		50.00		98.2	70	130				
Surr: Toluene-d8	51.660		50.00		103	70	130				

Sample ID: 112059-001AMS	SampType: MS	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121768						
Client ID: AREA-A-NORTHWA	Batch ID: K10VS131	TestNo: EPA 8260B		Analysis Date: 6/3/2010	SeqNo: 1946977						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.330	5.0	50.00	0	80.7	70	130				
Benzene	88.900	5.0	100.0	0	88.9	70	130				
Chlorobenzene	43.710	5.0	50.00	0	87.4	70	130				
MTBE	49.460	5.0	50.00	0	98.9	70	130				
Toluene	88.850	5.0	100.0	0	88.8	70	130				
Trichloroethene	43.690	5.0	50.00	0	87.4	70	130				
Surr: 1,2-Dichloroethane-d4	46.760		50.00		93.5	70	130				
Surr: 4-Bromofluorobenzene	46.500		50.00		93.0	70	130				
Surr: Dibromofluoromethane	46.600		50.00		93.2	70	130				
Surr: Toluene-d8	48.240		50.00		96.5	70	130				

Sample ID: 112059-001AMSD	SampType: MSD	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121768						
Client ID: AREA-A-NORTHWA	Batch ID: K10VS131	TestNo: EPA 8260B		Analysis Date: 6/3/2010	SeqNo: 1946978						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: Geocon Consultants, Inc.
Work Order: 112059
Project: 1045 BROADWAY, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

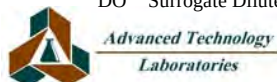
TestCode: 8260_S

Sample ID: 112059-001AMSD	SampType: MSD	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121768						
Client ID: AREA-A-NORTHWA	Batch ID: K10VS131	TestNo: EPA 8260B		Analysis Date: 6/3/2010	SeqNo: 1946978						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.690	5.0	50.00	0	83.4	70	130	40.33	3.32	20	
Benzene	91.710	5.0	100.0	0	91.7	70	130	88.90	3.11	20	
Chlorobenzene	44.920	5.0	50.00	0	89.8	70	130	43.71	2.73	20	
MTBE	47.930	5.0	50.00	0	95.9	70	130	49.46	3.14	20	
Toluene	92.930	5.0	100.0	0	92.9	70	130	88.85	4.49	20	
Trichloroethene	46.220	5.0	50.00	0	92.4	70	130	43.69	5.63	20	
Surr: 1,2-Dichloroethane-d4	45.500		50.00		91.0	70	130		0	0	
Surr: 4-Bromofluorobenzene	46.530		50.00		93.1	70	130		0	0	
Surr: Dibromofluoromethane	48.180		50.00		96.4	70	130		0	0	
Surr: Toluene-d8	50.810		50.00		102	70	130		0	0	

Sample ID: K100603MB1	SampType: MBLK	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121768						
Client ID: PBS	Batch ID: K10VS131	TestNo: EPA 8260B	Analysis Date: 6/3/2010	SeqNo: 1946979							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									

Qualifiers:

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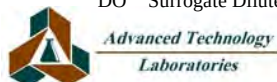
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID: K100603MB1	SampType: MBLK	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121768						
Client ID: PBS	Batch ID: K10VS131	TestNo: EPA 8260B	Analysis Date: 6/3/2010	SeqNo: 1946979							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									

Qualifiers:

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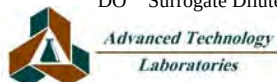
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID: K100603MB1	SampType: MBLK	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121768						
Client ID: PBS	Batch ID: K10VS131	TestNo: EPA 8260B	Analysis Date: 6/3/2010	SeqNo: 1946979							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	44.100		50.00		88.2	70	130				
Surr: 4-Bromofluorobenzene	45.950		50.00		91.9	70	130				
Surr: Dibromofluoromethane	45.870		50.00		91.7	70	130				
Surr: Toluene-d8	49.230		50.00		98.5	70	130				

Qualifiers:

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3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

CHAIN OF CUSTODY RECORD

Pg 1 of 1



**Advanced Technology
Laboratories**

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

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: [Signature] Date: 6/2/10

Method of Transport

Client ☐
ATL ☒
CA OverN ☐
FEDEX ☐
Other: _____

Sample Condition Upon Receipt

1. CHILLED 43 Y ☐ N ☐ 4. SEALED Y ☐ N ☐
2. HEADSPACE (VOA) Y ☐ N ☐ 5. # OF SPLS MATCH COC Y ☐ N ☐
3. CONTAINER INTACT Y ☐ N ☐ 6. PRESERVED Y ☐ N ☐

Client: GEOCON CONSULTANTS, INC.

Address: 6970 Flanders Drive

TEL: (858) 558-6100

Attn: _____

City San Diego

State CA

Zip Code 92121

FAX: (858) 558-8437

Project Name: T2438-71-01

Project #: 1045 BROADWAY

Sampler: JACK KEANE

(Printed Name)

(Signature)

Relinquished by: (Signature and Printed Name) [Signature] S. KEANE

Date: 6-2-10

Time: 5:35

Received by: (Signature and Printed Name) [Signature] ATL JOE ARNO

Date: 6/2/10

Time: 15:35

Relinquished by: (Signature and Printed Name) [Signature] ATL JOE ARNO

Date: 6/2/10

Time: 15:10

Received by: (Signature and Printed Name) [Signature] TPD JWA

Date: 6/2/10

Time: 18:10

Relinquished by: (Signature and Printed Name) _____

Date: _____

Time: _____

Received by: (Signature and Printed Name) _____

Date: _____

Time: _____

I hereby authorize ATL to perform the work indicated below:

Project Mgr /Submitter:

JACK KEANE

Print Name

6/2/10

Date

Signature

Send Report To:

Attn: _____

Co: SAME AS ABOVE

Address _____

City _____ State _____ Zip _____

Bill To:

Attn: _____

Co: SAME AS ABOVE

Address _____

City _____ State _____ Zip _____

Special Instructions/Comments:

A - RUSH - NEG 13
NOON - 6-3-10

Sample/Records - Archival & Disposal

Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):

- Sample : \$2.00 / sample / mo (after 45 days)
- Records : \$1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC

RTNE ☐
CT ☐

SWRCB ☐
Logcode _____

OTHER _____

REMARKS

ITEM	LAB USE ONLY:		Sample Description		
	Batch #:		Sample I.D. / Location	Date	Time
	Lab No.				
	<u>112059-01</u>		<u>AREA-A-NORTH WALL-5'</u>	<u>6/2/10</u>	<u>2:00</u>
	<u>-2</u>		<u>AREA-A-SOUTH WALL-5'</u>	<u>↑</u>	<u>2:00</u>
	<u>-3</u>		<u>AREA-A-EAST WALL-5'</u>	<u>↑</u>	<u>2:00</u>
	<u>-4</u>		<u>AREA-A-EAST WEST WALL-5'</u>	<u>↑</u>	<u>2:00</u>
	<u>-5</u>		<u>AREA-A-BOTTOM NORTH-13.5'</u>	<u>↑</u>	<u>3:00</u>
	<u>-6</u>		<u>AREA-A-BOTTOM SOUTH-13.5'</u>	<u>↓</u>	<u>3:00</u>
	<u>-7</u>		<u>AREA-A-STOCK PILE COMP</u>	<u>6/4/10</u>	<u>3:30</u>

Circle or Add Analysis(es) Requested	SPECIFY APPROPRIATE MATRIX													PRESERVATION	QA/QC			
															RTNE ☐			
															CT ☐			
															SWRCB ☐			
8091A (Pesticides)	8092 (PCB)	8260B (Volatiles)	8270C (BVA)	8010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	#	Type	Logcode	OTHER	REMARKS
	X							X	X					A				
	X							X	X					A				
	X							X	X					A				
	X							X	X					A				
	X							X	X					A				
	X							X	X					A				
	X							X	X					A				
	X							X	X					A				
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	X							X	X					A				
	X							X	X					A				
	X							X	X					A				
	X							X	X					A				
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	X							X	X					A				
	X							X	X					A				
	X							X	X					A				
	X							X	X					A				
	X							X	X									

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

TAT: A= Overnight ≤ 24 hr

B= Emergency Next workday

C= Critical 2 Workdays

D= Urgent 3 Workdays

E= Routine 7 Workdays

Preservatives:
H=HCl N=HNO₃ S=H₂SO₄ C=4'C
Z=Zn(AC)₂ O=NaOH T=Na₂S₂O₃

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

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

June 07, 2010



Jack Keener
Geocon Consultants, Inc.
6960 Flanders Drive
San Diego, CA 92121
TEL: (858) 558-3192
FAX: (858) 558-8437

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
CSDLAC No.: 10196

Workorder No.: 112089

RE: 1045 E Broadway, T2439-77-01

Attention: Jack Keener

Enclosed are the results for sample(s) received on June 03, 2010 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

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

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

Sincerely,

Eddie F. Rodriguez
Laboratory Director

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



Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112089
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112089-001A

Client Sample ID: Area C 2N2W
Collection Date: 6/3/2010 8:54:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100603E	QC Batch: 64540	PrepDate: 6/3/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	114	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100604A	QC Batch: K10VS133	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

Advanced Technology Laboratories**ANALYTICAL RESULTS**

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.**Client Sample ID:** Area C 2N2W**Lab Order:** 112089**Collection Date:** 6/3/2010 8:54:00 AM**Project:** 1045 E Broadway, T2439-77-01**Matrix:** SOIL**Lab ID:** 112089-001A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID:	MS4_100604A	QC Batch:	K10VS133	PrepDate:	Analyst: BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Chloroethane	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Chloroform	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Chloromethane	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Dibromomethane	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Ethylbenzene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
m,p-Xylene	ND	10	µg/Kg	1	6/4/2010 11:22 AM
Methylene chloride	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Naphthalene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
o-Xylene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Styrene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Toluene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Trichloroethene	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Vinyl chloride	ND	5.0	µg/Kg	1	6/4/2010 11:22 AM
Surr: 1,2-Dichloroethane-d4	106	70-130	%REC	1	6/4/2010 11:22 AM
Surr: 4-Bromofluorobenzene	97.8	70-130	%REC	1	6/4/2010 11:22 AM
Surr: Dibromofluoromethane	94.4	70-130	%REC	1	6/4/2010 11:22 AM
Surr: Toluene-d8	104	70-130	%REC	1	6/4/2010 11:22 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

**Advanced Technology
Laboratories**

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

Advanced Technology Laboratories**ANALYTICAL RESULTS**

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.**Client Sample ID:** Area C 1N1E**Lab Order:** 112089**Collection Date:** 6/3/2010 9:45:00 AM**Project:** 1045 E Broadway, T2439-77-01**Matrix:** SOIL**Lab ID:** 112089-002A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID**LUFT****EPA 8015B(M)**

RunID: GC16_100603E	QC Batch: 64540	PrepDate: 6/3/2010	Analyst: CBR		
ORO	1800	10	mg/Kg	1	6/4/2010 04:45 AM
Surr: p-Terphenyl	119	63-152	%REC	1	6/4/2010 04:45 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: MS4_100604A	QC Batch: K10VS133	PrepDate:	Analyst: BD		
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	6/4/2010 12:38 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
Benzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
Bromobenzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
Bromoform	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
Bromomethane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	

**Advanced Technology
Laboratories**

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112089
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112089-002A

Client Sample ID: Area C 1N1E
Collection Date: 6/3/2010 9:45:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100604A	QC Batch:	K10VS133	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Chloroethane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Chloroform	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Chloromethane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Dibromomethane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
m,p-Xylene	ND	10	µg/Kg	1	6/4/2010 12:38 PM	
Methylene chloride	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Naphthalene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
o-Xylene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Styrene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Tetrachloroethene	110	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Toluene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Trichloroethene	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/4/2010 12:38 PM	
Surr: 1,2-Dichloroethane-d4	124	70-130	%REC	1	6/4/2010 12:38 PM	
Surr: 4-Bromofluorobenzene	95.4	70-130	%REC	1	6/4/2010 12:38 PM	
Surr: Dibromofluoromethane	108	70-130	%REC	1	6/4/2010 12:38 PM	
Surr: Toluene-d8	100	70-130	%REC	1	6/4/2010 12:38 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

Advanced Technology Laboratories**ANALYTICAL RESULTS**

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.**Client Sample ID:** Area C 2N2E**Lab Order:** 112089**Collection Date:** 6/3/2010 12:14:00 PM**Project:** 1045 E Broadway, T2439-77-01**Matrix:** SOIL**Lab ID:** 112089-003A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID**LUFT****EPA 8015B(M)**

RunID: GC16_100603E	QC Batch: 64540	PrepDate: 6/3/2010	Analyst: CBR		
ORO	ND	10	mg/Kg	1	6/4/2010 04:54 AM
Surr: p-Terphenyl	119	63-152	%REC	1	6/4/2010 04:54 AM

VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: MS4_100604A	QC Batch: K10VS133	PrepDate:	Analyst: BD		
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	6/4/2010 11:54 AM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
2-Chlorotoluene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
4-Chlorotoluene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Benzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Bromobenzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Bromodichloromethane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Bromoform	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Bromomethane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Carbon tetrachloride	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

**Advanced Technology
Laboratories**

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

Advanced Technology Laboratories**ANALYTICAL RESULTS**

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.**Client Sample ID:** Area C 2N2E**Lab Order:** 112089**Collection Date:** 6/3/2010 12:14:00 PM**Project:** 1045 E Broadway, T2439-77-01**Matrix:** SOIL**Lab ID:** 112089-003A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: MS4_100604A	QC Batch: K10VS133	PrepDate:	Analyst: BD		
Chlorobenzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Chloroethane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Chloroform	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Chloromethane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Dibromomethane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Ethylbenzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
m,p-Xylene	ND	10	µg/Kg	1	6/4/2010 11:54 AM
Methylene chloride	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Naphthalene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
o-Xylene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Styrene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Toluene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Trichloroethene	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Vinyl chloride	ND	5.0	µg/Kg	1	6/4/2010 11:54 AM
Surr: 1,2-Dichloroethane-d4	114	70-130	%REC	1	6/4/2010 11:54 AM
Surr: 4-Bromofluorobenzene	98.5	70-130	%REC	1	6/4/2010 11:54 AM
Surr: Dibromofluoromethane	102	70-130	%REC	1	6/4/2010 11:54 AM
Surr: Toluene-d8	106	70-130	%REC	1	6/4/2010 11:54 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

**Advanced Technology
Laboratories**

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112089
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112089-004A

Client Sample ID: Area C 2S2E
Collection Date: 6/3/2010 2:35:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100603E	QC Batch: 64540	PrepDate: 6/3/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	120	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100604A	QC Batch: K10VS133	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112089
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112089-004A

Client Sample ID: Area C 2S2E
Collection Date: 6/3/2010 2:35:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100604A	QC Batch:	K10VS133	PrepDate:	Analyst: BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Chloroethane	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Chloroform	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Chloromethane	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Dibromomethane	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Ethylbenzene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
m,p-Xylene	ND	10	µg/Kg	1	6/4/2010 12:11 PM
Methylene chloride	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Naphthalene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
o-Xylene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Styrene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Toluene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Trichloroethene	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Vinyl chloride	ND	5.0	µg/Kg	1	6/4/2010 12:11 PM
Surr: 1,2-Dichloroethane-d4	112	70-130	%REC	1	6/4/2010 12:11 PM
Surr: 4-Bromofluorobenzene	101	70-130	%REC	1	6/4/2010 12:11 PM
Surr: Dibromofluoromethane	105	70-130	%REC	1	6/4/2010 12:11 PM
Surr: Toluene-d8	98.4	70-130	%REC	1	6/4/2010 12:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: Geocon Consultants, Inc.
Work Order: 112089
Project: 1045 E Broadway, T2439-77-01

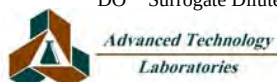
ANALYTICAL QC SUMMARY REPORT**TestCode: 8260_S**

Sample ID: K100604LCS1	SampType: LCS	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121821						
Client ID: LCSS	Batch ID: K10VS133	TestNo: EPA 8260B	Analysis Date: 6/4/2010	SeqNo: 1948085							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	48.570	5.0	50.00	0	97.1	70	130				
Benzene	100.990	5.0	100.0	0	101	70	130				
Chlorobenzene	50.460	5.0	50.00	0	101	82	130				
MTBE	55.630	5.0	50.00	0	111	70	130				
Toluene	104.980	5.0	100.0	0	105	70	130				
Trichloroethene	49.640	5.0	50.00	0	99.3	77	130				
Surr: 1,2-Dichloroethane-d4	54.940		50.00		110	70	130				
Surr: 4-Bromofluorobenzene	50.980		50.00		102	70	130				
Surr: Dibromofluoromethane	50.420		50.00		101	70	130				
Surr: Toluene-d8	51.170		50.00		102	70	130				

Sample ID: 112089-001AMS	SampType: MS	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121821						
Client ID: Area C 2N2W	Batch ID: K10VS133	TestNo: EPA 8260B	Analysis Date: 6/4/2010	SeqNo: 1948086							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	47.110	5.0	50.00	0	94.2	70	130				
Benzene	97.020	5.0	100.0	0	97.0	70	130				
Chlorobenzene	47.970	5.0	50.00	0	95.9	70	130				
MTBE	55.620	5.0	50.00	0	111	70	130				
Toluene	98.490	5.0	100.0	0	98.5	70	130				
Trichloroethene	48.670	5.0	50.00	0	97.3	70	130				
Surr: 1,2-Dichloroethane-d4	55.930		50.00		112	70	130				
Surr: 4-Bromofluorobenzene	50.240		50.00		100	70	130				
Surr: Dibromofluoromethane	52.430		50.00		105	70	130				
Surr: Toluene-d8	49.500		50.00		99.0	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



CLIENT: Geocon Consultants, Inc.
Work Order: 112089
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

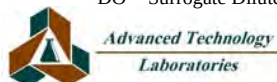
TestCode: 8260_S

Sample ID: 112089-001AMSD	SampType: MSD	TestCode: 8260_S	Units: µg/Kg	Prep Date:				RunNo: 121821			
Client ID: Area C 2N2W	Batch ID: K10VS133	TestNo: EPA 8260B		Analysis Date: 6/4/2010				SeqNo: 1948087			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	44.270	5.0	50.00	0	88.5	70	130	40.33	9.31	20	
Benzene	94.460	5.0	100.0	0	94.5	70	130	88.90	6.06	20	
Chlorobenzene	45.810	5.0	50.00	0	91.6	70	130	43.71	4.69	20	
MTBE	52.070	5.0	50.00	0	104	70	130	49.46	5.14	20	
Toluene	96.660	5.0	100.0	0	96.7	70	130	88.85	8.42	20	
Trichloroethene	47.680	5.0	50.00	0	95.4	70	130	43.69	8.73	20	
Surr: 1,2-Dichloroethane-d4	55.320		50.00		111	70	130		0	0	
Surr: 4-Bromofluorobenzene	48.890		50.00		97.8	70	130		0	0	
Surr: Dibromofluoromethane	49.290		50.00		98.6	70	130		0	0	
Surr: Toluene-d8	50.320		50.00		101	70	130		0	0	

Sample ID: K100604MB2	SampType: MBLK	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121821						
Client ID: PBS	Batch ID: K10VS133	TestNo: EPA 8260B		Analysis Date: 6/4/2010	SeqNo: 1948088						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: Geocon Consultants, Inc.
Work Order: 112089
Project: 1045 E Broadway, T2439-77-01

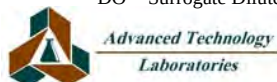
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID: K100604MB2	SampType: MBLK	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121821						
Client ID: PBS	Batch ID: K10VS133	TestNo: EPA 8260B	Analysis Date: 6/4/2010	SeqNo: 1948088							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

CLIENT: Geocon Consultants, Inc.
Work Order: 112089
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID: K100604MB2	SampType: MBLK	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121821						
Client ID: PBS	Batch ID: K10VS133	TestNo: EPA 8260B	Analysis Date: 6/4/2010	SeqNo: 1948088							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	52.780		50.00		106	70	130				
Surr: 4-Bromofluorobenzene	51.290		50.00		103	70	130				
Surr: Dibromofluoromethane	47.180		50.00		94.4	70	130				
Surr: Toluene-d8	50.730		50.00		101	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



Advanced Technology
Laboratories

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CLIENT: Geocon Consultants, Inc.
Work Order: 112089
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT**BatchID: 64540**

Sample ID: MB-64540	SampType: MBLK	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 6/3/2010	RunNo: 121794						
Client ID: PBS	Batch ID: 64540	TestNo: EPA 8015B(M LUFT	Analysis Date: 6/4/2010	SeqNo: 1947610							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	10									
Surr: p-Terphenyl	94.970		80.00		119	63	152				

Sample ID: LCS-64540	SampType: LCS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 6/3/2010	RunNo: 121794						
Client ID: LCSS	Batch ID: 64540	TestNo: EPA 8015B(M LUFT	Analysis Date: 6/4/2010	SeqNo: 1947611							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1330.990	10	1000	0	133	76	139				
Surr: p-Terphenyl	103.930		80.00		130	63	152				

Sample ID: 112078-001AMS	SampType: MS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 6/3/2010	RunNo: 121794						
Client ID: ZZZZZZ	Batch ID: 64540	TestNo: EPA 8015B(M LUFT	Analysis Date: 6/4/2010	SeqNo: 1947612							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1910.410	10	2000	0	95.5	60	158				
Surr: p-Terphenyl	174.240		160.0		109	63	152				

Sample ID: 112078-001AMSD	SampType: MSD	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 6/3/2010	RunNo: 121794						
Client ID: ZZZZZZ	Batch ID: 64540	TestNo: EPA 8015B(M LUFT	Analysis Date: 6/4/2010	SeqNo: 1947613							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1577.260	10	2000	0	78.9	60	158	1910	19.1	20	
Surr: p-Terphenyl	166.460		160.0		104	63	152		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



CLIENT: Geocon Consultants, Inc.
Work Order: 112089
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

BatchID: 64540

Sample ID: MB-64540	SampType: MBLK	TestCode: 8015_S_MO	Units: mg/Kg	Prep Date: 6/3/2010	RunNo: 121794						
Client ID: PBS	Batch ID: 64540	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/4/2010	SeqNo: 1947650						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
ORO	ND	10									
Surr: p-Terphenyl	94.970		80.00		119	63	152				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

June 07, 2010



Jack Keener
Geocon Consultants, Inc.
6960 Flanders Drive
San Diego, CA 92121
TEL: (858) 558-3192
FAX: (858) 558-8437

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
CSDLAC No.: 10196

Workorder No.: 112112

RE: 1045 E Broadway, T2439-77-01

Attention: Jack Keener

Enclosed are the results for sample(s) received on June 04, 2010 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

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

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

Sincerely,

Eddie F. Rodriguez
Laboratory Director

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



CLIENT: Geocon Consultants, Inc.
Project: 1045 E Broadway, T2439-77-01
Lab Order: 112112

CASE NARRATIVE

Analytical Comments for Method 8015 (ORO)

Dilution was necessary for samples 112112-003A, 112112-009A and 112112-018A, due to sample matrix.

Surrogate recovery was diluted out for sample 112112-003A.

Surrogate recovery biased high for samples 112112-006A and 112112-008A, possibly due to matrix interferences.

Analytical Comments for Method 8082

Matrix Spike (MS) and /or Matrix Spike Duplicate (MSD) are/is outside recovery criteria for samples 112108-002AMS and 112108-002AMSD; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

Analytical Comments for Method 8260

Dilution was necessary for sample 112112-003A, due to sample matrix.

Surrogate recovery biased high for samples 112112-015A, 112112-016A and 112112-020A, possibly due to matrix interferences.



Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	Area C 2S1W sidewall 28'
Lab Order:	112112	Collection Date:	6/4/2010 8:13:00 AM
Project:	1045 E Broadway, T2439-77-01	Matrix:	SOIL
Lab ID:	112112-001A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	146	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606B	QC Batch: K10VS135	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-001A

Client Sample ID: Area C 2S1W sidewall 28'
Collection Date: 6/4/2010 8:13:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606B	QC Batch:	K10VS135	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Chloroethane	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Chloroform	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Chloromethane	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Dibromomethane	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
m,p-Xylene	ND	10	µg/Kg	1	6/7/2010 06:17 AM	
Methylene chloride	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
o-Xylene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Styrene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Toluene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Trichloroethene	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/7/2010 06:17 AM	
Surr: 1,2-Dichloroethane-d4	123	70-130	%REC	1	6/7/2010 06:17 AM	
Surr: 4-Bromofluorobenzene	99.3	70-130	%REC	1	6/7/2010 06:17 AM	
Surr: Dibromofluoromethane	105	70-130	%REC	1	6/7/2010 06:17 AM	
Surr: Toluene-d8	101	70-130	%REC	1	6/7/2010 06:17 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-002A

Client Sample ID: Area C 2S1W bottom
Collection Date: 6/4/2010 8:29:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	150	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-002A

Client Sample ID: Area C 2S1W bottom
Collection Date: 6/4/2010 8:29:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Chloroethane	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Chloroform	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Chloromethane	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Dibromomethane	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
m,p-Xylene	ND	10	µg/Kg	1	6/6/2010 10:05 PM	
Methylene chloride	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Naphthalene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
o-Xylene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Styrene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Toluene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Trichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/6/2010 10:05 PM	
Surr: 1,2-Dichloroethane-d4	103	70-130	%REC	1	6/6/2010 10:05 PM	
Surr: 4-Bromofluorobenzene	93.4	70-130	%REC	1	6/6/2010 10:05 PM	
Surr: Dibromofluoromethane	101	70-130	%REC	1	6/6/2010 10:05 PM	
Surr: Toluene-d8	101	70-130	%REC	1	6/6/2010 10:05 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-003A

Client Sample ID: Area C 1N2E sidewall 25'
Collection Date: 6/4/2010 9:07:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	29000	500	mg/Kg
Surr: p-Terphenyl	0	63-152	SDO %REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-003A

Client Sample ID: Area C 1N2E sidewall 25'
Collection Date: 6/4/2010 9:07:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Chloroethane	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Chloroform	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Chloromethane	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Dibromomethane	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
m,p-Xylene	ND	10	µg/Kg	1	6/6/2010 10:22 PM	
Methylene chloride	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Naphthalene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
o-Xylene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Styrene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Tetrachloroethene	3400	250	µg/Kg	50	6/7/2010 09:25 AM	
Toluene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Trichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM	
Surr: 1,2-Dichloroethane-d4	115	70-130	%REC	1	6/6/2010 10:22 PM	
Surr: 1,2-Dichloroethane-d4	122	70-130	%REC	50	6/7/2010 09:25 AM	
Surr: 4-Bromofluorobenzene	104	70-130	%REC	50	6/7/2010 09:25 AM	
Surr: 4-Bromofluorobenzene	79.1	70-130	%REC	1	6/6/2010 10:22 PM	
Surr: Dibromofluoromethane	88.0	70-130	%REC	1	6/6/2010 10:22 PM	
Surr: Dibromofluoromethane	96.8	70-130	%REC	50	6/7/2010 09:25 AM	
Surr: Toluene-d8	98.4	70-130	%REC	50	6/7/2010 09:25 AM	
Surr: Toluene-d8	92.5	70-130	%REC	1	6/6/2010 10:22 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.

Client Sample ID: Area C 1N2E bottom

Lab Order: 112112

Collection Date: 6/4/2010 9:28:00 AM

Project: 1045 E Broadway, T2439-77-01

Matrix: SOIL

Lab ID: 112112-004A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	146	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-004A

Client Sample ID: Area C 1N2E bottom
Collection Date: 6/4/2010 9:28:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Chloroethane	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Chloroform	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Chloromethane	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Dibromomethane	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
m,p-Xylene	ND	10	µg/Kg	1	6/6/2010 10:38 PM	
Methylene chloride	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Naphthalene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
o-Xylene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Styrene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Toluene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Trichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/6/2010 10:38 PM	
Surr: 1,2-Dichloroethane-d4	108	70-130	%REC	1	6/6/2010 10:38 PM	
Surr: 4-Bromofluorobenzene	93.6	70-130	%REC	1	6/6/2010 10:38 PM	
Surr: Dibromofluoromethane	98.7	70-130	%REC	1	6/6/2010 10:38 PM	
Surr: Toluene-d8	102	70-130	%REC	1	6/6/2010 10:38 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	Area C 2N1E Sidewall 30"
Lab Order:	112112	Collection Date:	6/4/2010 10:33:00 AM
Project:	1045 E Broadway, T2439-77-01	Matrix:	SOIL
Lab ID:	112112-005A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	149	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-005A

Client Sample ID: Area C 2N1E Sidewall 30"
Collection Date: 6/4/2010 10:33:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Chloroethane	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Chloroform	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Chloromethane	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Dibromomethane	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
m,p-Xylene	ND	10	µg/Kg	1	6/6/2010 10:54 PM	
Methylene chloride	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Naphthalene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
o-Xylene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Styrene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Toluene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Trichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM	
Surr: 1,2-Dichloroethane-d4	104	70-130	%REC	1	6/6/2010 10:54 PM	
Surr: 4-Bromofluorobenzene	93.8	70-130	%REC	1	6/6/2010 10:54 PM	
Surr: Dibromofluoromethane	99.5	70-130	%REC	1	6/6/2010 10:54 PM	
Surr: Toluene-d8	102	70-130	%REC	1	6/6/2010 10:54 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.

Client Sample ID: Area C 2N1E bottom

Lab Order: 112112

Collection Date: 6/4/2010 10:42:00 AM

Project: 1045 E Broadway, T2439-77-01

Matrix: SOIL

Lab ID: 112112-006A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	157	63-152	S %REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-006A

Client Sample ID: Area C 2N1E bottom
Collection Date: 6/4/2010 10:42:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst: BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Chloroethane	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Chloroform	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Chloromethane	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Dibromomethane	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Ethylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
m,p-Xylene	ND	10	µg/Kg	1	6/6/2010 11:11 PM
Methylene chloride	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Naphthalene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
o-Xylene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Styrene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Toluene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Trichloroethene	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Vinyl chloride	ND	5.0	µg/Kg	1	6/6/2010 11:11 PM
Surr: 1,2-Dichloroethane-d4	105	70-130	%REC	1	6/6/2010 11:11 PM
Surr: 4-Bromofluorobenzene	94.4	70-130	%REC	1	6/6/2010 11:11 PM
Surr: Dibromofluoromethane	102	70-130	%REC	1	6/6/2010 11:11 PM
Surr: Toluene-d8	104	70-130	%REC	1	6/6/2010 11:11 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-007A

Client Sample ID: Area C 1S2E sidewall 25'
Collection Date: 6/4/2010 11:30:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	145	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-007A

Client Sample ID: Area C 1S2E sidewall 25'
Collection Date: 6/4/2010 11:30:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Chloroethane	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Chloroform	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Chloromethane	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Dibromomethane	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
m,p-Xylene	ND	10	µg/Kg	1	6/6/2010 11:27 PM	
Methylene chloride	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Naphthalene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
o-Xylene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Styrene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Tetrachloroethene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Toluene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Trichloroethene	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/6/2010 11:27 PM	
Surr: 1,2-Dichloroethane-d4	118	70-130	%REC	1	6/6/2010 11:27 PM	
Surr: 4-Bromofluorobenzene	105	70-130	%REC	1	6/6/2010 11:27 PM	
Surr: Dibromofluoromethane	109	70-130	%REC	1	6/6/2010 11:27 PM	
Surr: Toluene-d8	111	70-130	%REC	1	6/6/2010 11:27 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-008A

Client Sample ID: Area C 1S2E bottom
Collection Date: 6/4/2010 11:46:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	153	63-152	S %REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-008A

Client Sample ID: Area C 1S2E bottom
Collection Date: 6/4/2010 11:46:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst: BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Chloroethane	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Chloroform	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Chloromethane	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Dibromomethane	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Ethylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
m,p-Xylene	ND	10	µg/Kg	1	6/6/2010 11:44 PM
Methylene chloride	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Naphthalene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
o-Xylene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Styrene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Toluene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Trichloroethene	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Vinyl chloride	ND	5.0	µg/Kg	1	6/6/2010 11:44 PM
Surr: 1,2-Dichloroethane-d4	112	70-130	%REC	1	6/6/2010 11:44 PM
Surr: 4-Bromofluorobenzene	97.0	70-130	%REC	1	6/6/2010 11:44 PM
Surr: Dibromofluoromethane	107	70-130	%REC	1	6/6/2010 11:44 PM
Surr: Toluene-d8	102	70-130	%REC	1	6/6/2010 11:44 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-009A

Client Sample ID: Area C Stockpile Comp 1
Collection Date: 6/4/2010 1:16:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	4500	20	mg/Kg
Surr: p-Terphenyl	143	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-009A

Client Sample ID: Area C Stockpile Comp 1
Collection Date: 6/4/2010 1:16:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst: BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/7/2010
Chloroethane	ND	5.0	µg/Kg	1	6/7/2010
Chloroform	ND	5.0	µg/Kg	1	6/7/2010
Chloromethane	ND	5.0	µg/Kg	1	6/7/2010
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010
Dibromochloromethane	ND	5.0	µg/Kg	1	6/7/2010
Dibromomethane	ND	5.0	µg/Kg	1	6/7/2010
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/7/2010
Ethylbenzene	ND	5.0	µg/Kg	1	6/7/2010
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/7/2010
Isopropylbenzene	ND	5.0	µg/Kg	1	6/7/2010
m,p-Xylene	ND	10	µg/Kg	1	6/7/2010
Methylene chloride	ND	5.0	µg/Kg	1	6/7/2010
n-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010
n-Propylbenzene	ND	5.0	µg/Kg	1	6/7/2010
Naphthalene	ND	5.0	µg/Kg	1	6/7/2010
o-Xylene	ND	5.0	µg/Kg	1	6/7/2010
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010
Styrene	ND	5.0	µg/Kg	1	6/7/2010
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010
Tetrachloroethene	24	5.0	µg/Kg	1	6/7/2010
Toluene	ND	5.0	µg/Kg	1	6/7/2010
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010
Trichloroethene	ND	5.0	µg/Kg	1	6/7/2010
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/7/2010
Vinyl chloride	ND	5.0	µg/Kg	1	6/7/2010
Surr: 1,2-Dichloroethane-d4	124	70-130	%REC	1	6/7/2010
Surr: 4-Bromofluorobenzene	96.0	70-130	%REC	1	6/7/2010
Surr: Dibromofluoromethane	113	70-130	%REC	1	6/7/2010
Surr: Toluene-d8	107	70-130	%REC	1	6/7/2010

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.

Client Sample ID: Area C Stockpile Comp 2

Lab Order: 112112

Collection Date: 6/4/2010 1:14:00 PM

Project: 1045 E Broadway, T2439-77-01

Matrix: SOIL

Lab ID: 112112-010A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR		
ORO	780	10	mg/Kg	1	6/6/2010 01:44 PM
Surr: p-Terphenyl	138	63-152	%REC	1	6/6/2010 01:44 PM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD		
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	6/7/2010 12:16 AM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
2-Chlorotoluene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
4-Chlorotoluene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
Benzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
Bromobenzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
Bromodichloromethane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
Bromoform	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
Bromomethane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM
Carbon tetrachloride	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-010A

Client Sample ID: Area C Stockpile Comp 2
Collection Date: 6/4/2010 1:14:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Chloroethane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Chloroform	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Chloromethane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Dibromomethane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
m,p-Xylene	ND	10	µg/Kg	1	6/7/2010 12:16 AM	
Methylene chloride	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
o-Xylene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Styrene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Tetrachloroethene	15	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Toluene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Trichloroethene	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/7/2010 12:16 AM	
Surr: 1,2-Dichloroethane-d4	112	70-130	%REC	1	6/7/2010 12:16 AM	
Surr: 4-Bromofluorobenzene	98.4	70-130	%REC	1	6/7/2010 12:16 AM	
Surr: Dibromofluoromethane	104	70-130	%REC	1	6/7/2010 12:16 AM	
Surr: Toluene-d8	101	70-130	%REC	1	6/7/2010 12:16 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Advanced Technology Laboratories**ANALYTICAL RESULTS**

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.**Client Sample ID:** Area B W sidewall (N) - 4**Lab Order:** 112112**Collection Date:** 6/4/2010 2:50:00 PM**Project:** 1045 E Broadway, T2439-77-01**Matrix:** SOIL**Lab ID:** 112112-011A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID**LUFT****EPA 8015B(M)**

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR		
ORO	ND	10	mg/Kg	1	6/6/2010 01:53 PM
Surr: p-Terphenyl	149	63-152	%REC	1	6/6/2010 01:53 PM

VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD		
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	6/7/2010 12:33 AM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
2-Chlorotoluene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
4-Chlorotoluene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
Benzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
Bromobenzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
Bromodichloromethane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
Bromoform	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
Bromomethane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM
Carbon tetrachloride	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

**Advanced Technology
Laboratories**

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-011A

Client Sample ID: Area B W sidewall (N) - 4
Collection Date: 6/4/2010 2:50:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Chloroethane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Chloroform	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Chloromethane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Dibromomethane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
m,p-Xylene	ND	10	µg/Kg	1	6/7/2010 12:33 AM	
Methylene chloride	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
o-Xylene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Styrene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Toluene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Trichloroethene	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/7/2010 12:33 AM	
Surr: 1,2-Dichloroethane-d4	115	70-130	%REC	1	6/7/2010 12:33 AM	
Surr: 4-Bromofluorobenzene	101	70-130	%REC	1	6/7/2010 12:33 AM	
Surr: Dibromofluoromethane	103	70-130	%REC	1	6/7/2010 12:33 AM	
Surr: Toluene-d8	103	70-130	%REC	1	6/7/2010 12:33 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-012A

Client Sample ID: Area B W sidewall (S) - 4
Collection Date: 6/4/2010 2:52:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	143	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-012A

Client Sample ID: Area B W sidewall (S) - 4
Collection Date: 6/4/2010 2:52:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Chloroethane	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Chloroform	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Chloromethane	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Dibromomethane	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
m,p-Xylene	ND	10	µg/Kg	1	6/7/2010 12:49 AM	
Methylene chloride	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
o-Xylene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Styrene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Toluene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Trichloroethene	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/7/2010 12:49 AM	
Surr: 1,2-Dichloroethane-d4	119	70-130	%REC	1	6/7/2010 12:49 AM	
Surr: 4-Bromofluorobenzene	103	70-130	%REC	1	6/7/2010 12:49 AM	
Surr: Dibromofluoromethane	102	70-130	%REC	1	6/7/2010 12:49 AM	
Surr: Toluene-d8	104	70-130	%REC	1	6/7/2010 12:49 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.

Client Sample ID: Area B S sidewall - 4

Lab Order: 112112

Collection Date: 6/4/2010 2:54:00 PM

Project: 1045 E Broadway, T2439-77-01

Matrix: SOIL

Lab ID: 112112-013A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR		
ORO	ND	10	mg/Kg	1	6/6/2010 02:11 PM
Surr: p-Terphenyl	147	63-152	%REC	1	6/6/2010 02:11 PM

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD		
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,1-Dichloroethane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	6/7/2010 01:05 AM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
2-Chlorotoluene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
4-Chlorotoluene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
Benzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
Bromobenzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
Bromodichloromethane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
Bromoform	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
Bromomethane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM
Carbon tetrachloride	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-013A

Client Sample ID: Area B S sidewall - 4
Collection Date: 6/4/2010 2:54:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Chloroethane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Chloroform	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Chloromethane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Dibromomethane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
m,p-Xylene	ND	10	µg/Kg	1	6/7/2010 01:05 AM	
Methylene chloride	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
o-Xylene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Styrene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Toluene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Trichloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/7/2010 01:05 AM	
Surr: 1,2-Dichloroethane-d4	114	70-130	%REC	1	6/7/2010 01:05 AM	
Surr: 4-Bromofluorobenzene	96.5	70-130	%REC	1	6/7/2010 01:05 AM	
Surr: Dibromofluoromethane	102	70-130	%REC	1	6/7/2010 01:05 AM	
Surr: Toluene-d8	100	70-130	%REC	1	6/7/2010 01:05 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.

Client Sample ID: Area B E sidewall (S) - 4

Lab Order: 112112

Collection Date: 6/4/2010 2:56:00 PM

Project: 1045 E Broadway, T2439-77-01

Matrix: SOIL

Lab ID: 112112-014A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	145	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-014A

Client Sample ID: Area B E sidewall (S) - 4
Collection Date: 6/4/2010 2:56:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Chloroethane	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Chloroform	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Chloromethane	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Dibromomethane	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
m,p-Xylene	ND	10	µg/Kg	1	6/7/2010 01:22 AM	
Methylene chloride	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
o-Xylene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Styrene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Toluene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Trichloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/7/2010 01:22 AM	
Surr: 1,2-Dichloroethane-d4	130	70-130	%REC	1	6/7/2010 01:22 AM	
Surr: 4-Bromofluorobenzene	104	70-130	%REC	1	6/7/2010 01:22 AM	
Surr: Dibromofluoromethane	109	70-130	%REC	1	6/7/2010 01:22 AM	
Surr: Toluene-d8	100	70-130	%REC	1	6/7/2010 01:22 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-015A

Client Sample ID: Area B E sidewall (N) - 4
Collection Date: 6/4/2010 2:58:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	144	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-015A

Client Sample ID: Area B E sidewalk (N) - 4
Collection Date: 6/4/2010 2:58:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Chloroethane	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Chloroform	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Chloromethane	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Dibromomethane	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
m,p-Xylene	ND	10	µg/Kg	1	6/7/2010 01:38 AM	
Methylene chloride	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
o-Xylene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Styrene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Toluene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Trichloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/7/2010 01:38 AM	
Surr: 1,2-Dichloroethane-d4	132	70-130	S	%REC	1	6/7/2010 01:38 AM
Surr: 4-Bromofluorobenzene	101	70-130		%REC	1	6/7/2010 01:38 AM
Surr: Dibromofluoromethane	110	70-130		%REC	1	6/7/2010 01:38 AM
Surr: Toluene-d8	103	70-130		%REC	1	6/7/2010 01:38 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-016A

Client Sample ID: Area B N sidewalk - 4
Collection Date: 6/4/2010 3:00:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	144	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-016A

Client Sample ID: Area B N sidewalk - 4
Collection Date: 6/4/2010 3:00:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst: BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Chloroethane	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Chloroform	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Chloromethane	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Dibromomethane	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Ethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
m,p-Xylene	ND	10	µg/Kg	1	6/7/2010 01:55 AM
Methylene chloride	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Naphthalene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
o-Xylene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Styrene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Toluene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Trichloroethene	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Vinyl chloride	ND	5.0	µg/Kg	1	6/7/2010 01:55 AM
Surr: 1,2-Dichloroethane-d4	147	70-130	S %REC	1	6/7/2010 01:55 AM
Surr: 4-Bromofluorobenzene	110	70-130	%REC	1	6/7/2010 01:55 AM
Surr: Dibromofluoromethane	119	70-130	%REC	1	6/7/2010 01:55 AM
Surr: Toluene-d8	109	70-130	%REC	1	6/7/2010 01:55 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-017A

Client Sample ID: Area B S bottom - 5
Collection Date: 6/4/2010 3:02:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	57	10	mg/Kg
Surr: p-Terphenyl	82.3	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-017A

Client Sample ID: Area B S bottom - 5
Collection Date: 6/4/2010 3:02:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Chloroethane	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Chloroform	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Chloromethane	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Dibromomethane	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
m,p-Xylene	ND	10	µg/Kg	1	6/7/2010 02:11 AM	
Methylene chloride	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
o-Xylene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Styrene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Toluene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Trichloroethene	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/7/2010 02:11 AM	
Surr: 1,2-Dichloroethane-d4	124	70-130	%REC	1	6/7/2010 02:11 AM	
Surr: 4-Bromofluorobenzene	106	70-130	%REC	1	6/7/2010 02:11 AM	
Surr: Dibromofluoromethane	110	70-130	%REC	1	6/7/2010 02:11 AM	
Surr: Toluene-d8	102	70-130	%REC	1	6/7/2010 02:11 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Laboratories

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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-018A

Client Sample ID: Area B N bottom - 5
Collection Date: 6/4/2010 3:04:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	154	63-152	S %REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-018A

Client Sample ID: Area B N bottom - 5
Collection Date: 6/4/2010 3:04:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Chloroethane	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Chloroform	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Chloromethane	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Dibromomethane	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
m,p-Xylene	ND	10	µg/Kg	1	6/7/2010 02:27 AM	
Methylene chloride	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
o-Xylene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Styrene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Toluene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Trichloroethene	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/7/2010 02:27 AM	
Surr: 1,2-Dichloroethane-d4	121	70-130	%REC	1	6/7/2010 02:27 AM	
Surr: 4-Bromofluorobenzene	97.8	70-130	%REC	1	6/7/2010 02:27 AM	
Surr: Dibromofluoromethane	103	70-130	%REC	1	6/7/2010 02:27 AM	
Surr: Toluene-d8	97.3	70-130	%REC	1	6/7/2010 02:27 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.

Client Sample ID: Area B pit incenter - 10

Lab Order: 112112

Collection Date: 6/4/2010 3:06:00 PM

Project: 1045 E Broadway, T2439-77-01

Matrix: SOIL

Lab ID: 112112-019A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	151	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-019A

Client Sample ID: Area B pit incenter - 10
Collection Date: 6/4/2010 3:06:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst:	BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Chloroethane	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Chloroform	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Chloromethane	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Dibromomethane	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
m,p-Xylene	ND	10	µg/Kg	1	6/7/2010 02:44 AM	
Methylene chloride	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
o-Xylene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Styrene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Tetrachloroethene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Toluene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Trichloroethene	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Vinyl chloride	ND	5.0	µg/Kg	1	6/7/2010 02:44 AM	
Surr: 1,2-Dichloroethane-d4	126	70-130	%REC	1	6/7/2010 02:44 AM	
Surr: 4-Bromofluorobenzene	108	70-130	%REC	1	6/7/2010 02:44 AM	
Surr: Dibromofluoromethane	109	70-130	%REC	1	6/7/2010 02:44 AM	
Surr: Toluene-d8	104	70-130	%REC	1	6/7/2010 02:44 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	Area B Stockpile comp
Lab Order:	112112	Collection Date:	6/4/2010 3:14:00 PM
Project:	1045 E Broadway, T2439-77-01	Matrix:	SOIL
Lab ID:	112112-020A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	52	10	mg/Kg
Surr: p-Terphenyl	80.0	63-152	%REC

PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_100607A	QC Batch: 64570	PrepDate: 6/5/2010	Analyst: BB
Aroclor 1016	ND	16	µg/Kg
Aroclor 1221	ND	33	µg/Kg
Aroclor 1232	ND	16	µg/Kg
Aroclor 1242	ND	16	µg/Kg
Aroclor 1248	ND	16	µg/Kg
Aroclor 1254	ND	16	µg/Kg
Aroclor 1260	ND	16	µg/Kg
Aroclor 1262	ND	16	µg/Kg
Aroclor 1268	ND	16	µg/Kg
Surr: Decachlorobiphenyl	94.7	30-124	%REC
Surr: Tetrachloro-m-xylene	98.5	40-118	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	Area B Stockpile comp
Lab Order:	112112	Collection Date:	6/4/2010 3:14:00 PM
Project:	1045 E Broadway, T2439-77-01	Matrix:	SOIL
Lab ID:	112112-020A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
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1,2-Dichloropropane	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
2-Chlorotoluene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
4-Chlorotoluene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Benzene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Bromobenzene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Bromodichloromethane	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Bromoform	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Bromomethane	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Carbon tetrachloride	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Chlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Chloroethane	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Chloroform	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Chloromethane	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Dibromomethane	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Ethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
m,p-Xylene	ND	10	µg/Kg	1	6/7/2010 03:00 AM
Methylene chloride	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
n-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Naphthalene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
o-Xylene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Styrene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-020A

Client Sample ID: Area B Stockpile comp
Collection Date: 6/4/2010 3:14:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD		
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Toluene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Trichloroethene	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Vinyl chloride	ND	5.0	µg/Kg	1	6/7/2010 03:00 AM
Surr: 1,2-Dichloroethane-d4	132	70-130	S %REC	1	6/7/2010 03:00 AM
Surr: 4-Bromofluorobenzene	102	70-130	%REC	1	6/7/2010 03:00 AM
Surr: Dibromofluoromethane	114	70-130	%REC	1	6/7/2010 03:00 AM
Surr: Toluene-d8	100	70-130	%REC	1	6/7/2010 03:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



Advanced Technology
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3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	Area A Stockpile Comp2
Lab Order:	112112	Collection Date:	6/4/2010 3:26:00 PM
Project:	1045 E Broadway, T2439-77-01	Matrix:	SOIL
Lab ID:	112112-021A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606B	QC Batch: 64569	PrepDate: 6/5/2010	Analyst: CBR
ORO	1300	10	mg/Kg
Surr: p-Terphenyl	148	63-152	%REC

PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_100607A	QC Batch: 64570	PrepDate: 6/5/2010	Analyst: BB
Aroclor 1016	ND	16	µg/Kg
Aroclor 1221	ND	33	µg/Kg
Aroclor 1232	ND	16	µg/Kg
Aroclor 1242	ND	16	µg/Kg
Aroclor 1248	ND	16	µg/Kg
Aroclor 1254	ND	16	µg/Kg
Aroclor 1260	ND	16	µg/Kg
Aroclor 1262	ND	16	µg/Kg
Aroclor 1268	ND	16	µg/Kg
Surr: Decachlorobiphenyl	72.3	30-124	%REC
Surr: Tetrachloro-m-xylene	86.9	40-118	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606B	QC Batch: K10VS135	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-021A

Client Sample ID: Area A Stockpile Comp2
Collection Date: 6/4/2010 3:26:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606B	QC Batch:	K10VS135	PrepDate:	Analyst:	BD
1,2-Dichloropropane	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Benzene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Bromobenzene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Bromodichloromethane	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Bromoform	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Bromomethane	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Chlorobenzene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Chloroethane	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Chloroform	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Chloromethane	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Dibromomethane	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
m,p-Xylene	ND	10	µg/Kg	1	6/7/2010 06:00 AM	
Methylene chloride	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
n-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
n-Propylbenzene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
o-Xylene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	
Styrene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 07-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-021A

Client Sample ID: Area A Stockpile Comp2
Collection Date: 6/4/2010 3:26:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606B	QC Batch: K10VS135	PrepDate:	Analyst: BD		
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM
Toluene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM
Trichloroethene	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM
Vinyl chloride	ND	5.0	µg/Kg	1	6/7/2010 06:00 AM
Surr: 1,2-Dichloroethane-d4	130	70-130	%REC	1	6/7/2010 06:00 AM
Surr: 4-Bromofluorobenzene	93.9	70-130	%REC	1	6/7/2010 06:00 AM
Surr: Dibromofluoromethane	109	70-130	%REC	1	6/7/2010 06:00 AM
Surr: Toluene-d8	99.0	70-130	%REC	1	6/7/2010 06:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: Geocon Consultants, Inc.
Work Order: 112112
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT**TestCode: 8082_S**

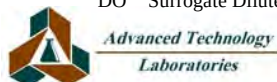
Sample ID: MB-64570	SampType: MBLK	TestCode: 8082_S	Units: µg/Kg	Prep Date: 6/5/2010	RunNo: 121882						
Client ID: PBS	Batch ID: 64570	TestNo: EPA 8082	EPA 3550B	Analysis Date: 6/7/2010	SeqNo: 1949092						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									
Surr: Decachlorobiphenyl	15.544		16.67		93.2	36	124				
Surr: Tetrachloro-m-xylene	16.818		16.67		101	35	141				

Sample ID: LCS-64570	SampType: LCS	TestCode: 8082_S	Units: µg/Kg	Prep Date: 6/5/2010	RunNo: 121882						
Client ID: LCSS	Batch ID: 64570	TestNo: EPA 8082	EPA 3550B	Analysis Date: 6/7/2010	SeqNo: 1949093						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	132.854	16	166.7	0	79.7	56	100				
Aroclor 1260	137.026	16	166.7	0	82.2	57	110				
Surr: Decachlorobiphenyl	16.264		16.67		97.6	36	124				
Surr: Tetrachloro-m-xylene	17.287		16.67		104	35	141				

Sample ID: 112108-002AMS	SampType: MS	TestCode: 8082_S	Units: µg/Kg	Prep Date: 6/5/2010	RunNo: 121882						
Client ID: ZZZZZZ	Batch ID: 64570	TestNo: EPA 8082	EPA 3550B	Analysis Date: 6/7/2010	SeqNo: 1949094						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	139.704	16	166.7	0	83.8	53	120				
Surr: Decachlorobiphenyl	15.528		16.67		93.1	36	124				
Surr: Tetrachloro-m-xylene	16.182		16.67		97.1	35	141				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



CLIENT: Geocon Consultants, Inc.
Work Order: 112112
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

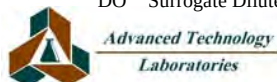
Sample ID: 112108-002AMSD	SampType: MSD	TestCode: 8082_S	Units: µg/Kg	Prep Date: 6/5/2010	RunNo: 121882						
Client ID: ZZZZZZ	Batch ID: 64570	TestNo: EPA 8082	EPA 3550B	Analysis Date: 6/7/2010	SeqNo: 1949095						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	141.459	16	166.7	0	84.9	53	120	139.7	1.25	20	
Surr: Decachlorobiphenyl	15.179		16.67		91.1	36	124		0	20	
Surr: Tetrachloro-m-xylene	16.530		16.67		99.2	35	141		0	0	

Sample ID: 112108-002AMS	SampType: MS	TestCode: 8082_S	Units: µg/Kg	Prep Date: 6/5/2010	RunNo: 121882						
Client ID: ZZZZZZ	Batch ID: 64570	TestNo: EPA 8082	EPA 3550B	Analysis Date: 6/7/2010	SeqNo: 1949168						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	2666.183	330	166.7	0	1600	51	108				S
Surr: Decachlorobiphenyl	19.240		16.67		115	36	124				
Surr: Tetrachloro-m-xylene	16.327		16.67		97.9	35	141				

Sample ID: 112108-002AMSD	SampType: MSD	TestCode: 8082_S	Units: µg/Kg	Prep Date: 6/5/2010	RunNo: 121882						
Client ID: ZZZZZZ	Batch ID: 64570	TestNo: EPA 8082	EPA 3550B	Analysis Date: 6/7/2010	SeqNo: 1949169						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	2782.620	330	166.7	0	1670	51	108	2666	4.27	20	S
Surr: Decachlorobiphenyl	20.260		16.67		122	36	124		0	20	
Surr: Tetrachloro-m-xylene	16.880		16.67		101	35	141		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: Geocon Consultants, Inc.
Work Order: 112112
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

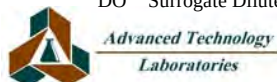
Sample ID: K100606LCS1	SampType: LCS	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121861						
Client ID: LCSS	Batch ID: K10VS134	TestNo: EPA 8260B	Analysis Date: 6/6/2010	SeqNo: 1948662							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	47.880	5.0	50.00	0	95.8	70	130				
Benzene	100.000	5.0	100.0	0	100	70	130				
Chlorobenzene	50.180	5.0	50.00	0	100	82	130				
MTBE	56.840	5.0	50.00	0	114	70	130				
Toluene	101.430	5.0	100.0	0	101	70	130				
Trichloroethene	50.840	5.0	50.00	0	102	77	130				
Surr: 1,2-Dichloroethane-d4	53.560		50.00		107	70	130				
Surr: 4-Bromofluorobenzene	48.860		50.00		97.7	70	130				
Surr: Dibromofluoromethane	49.650		50.00		99.3	70	130				
Surr: Toluene-d8	49.630		50.00		99.3	70	130				

Sample ID: 112112-002AMS		SampType: MS		TestCode: 8260_S		Units: µg/Kg		Prep Date:		RunNo: 121861		
Client ID: Area C 2S1W botto		Batch ID: K10VS134		TestNo: EPA 8260B				Analysis Date: 6/6/2010		SeqNo: 1948663		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene		46.200	5.0	50.00	0	92.4	70	130				
Benzene		100.510	5.0	100.0	0	101	70	130				
Chlorobenzene		48.520	5.0	50.00	0	97.0	70	130				
MTBE		51.630	5.0	50.00	0	103	70	130				
Toluene		102.550	5.0	100.0	0	103	70	130				
Trichloroethene		51.520	5.0	50.00	0	103	70	130				
Surr: 1,2-Dichloroethane-d4		48.850		50.00		97.7	70	130				
Surr: 4-Bromofluorobenzene		48.810		50.00		97.6	70	130				
Surr: Dibromofluoromethane		47.740		50.00		95.5	70	130				
Surr: Toluene-d8		50.330		50.00		101	70	130				

Sample ID: 112112-002AMSD		SampType: MSD		TestCode: 8260_S		Units: µg/Kg		Prep Date:		RunNo: 121861			
Client ID: Area C 2S1W botto		Batch ID: K10VS134		TestNo: EPA 8260B				Analysis Date: 6/6/2010		SeqNo: 1948664			
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: Geocon Consultants, Inc.
Work Order: 112112
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

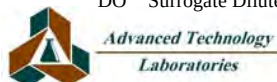
TestCode: 8260_S

Sample ID: 112112-002AMSD		SampType: MSD	TestCode: 8260_S		Units: µg/Kg	Prep Date:			RunNo: 121861			
Client ID: Area C 2S1W botto		Batch ID: K10VS134	TestNo: EPA 8260B			Analysis Date: 6/6/2010			SeqNo: 1948664			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene		51.450	5.0	50.00	0	103	70	130	46.20	10.8	20	
Benzene		102.700	5.0	100.0	0	103	70	130	100.5	2.16	20	
Chlorobenzene		51.490	5.0	50.00	0	103	70	130	48.52	5.94	20	
MTBE		50.510	5.0	50.00	0	101	70	130	51.63	2.19	20	
Toluene		102.800	5.0	100.0	0	103	70	130	102.6	0.243	20	
Trichloroethene		60.500	5.0	50.00	0	121	70	130	51.52	16.0	20	
Surr: 1,2-Dichloroethane-d4		49.670		50.00		99.3	70	130		0	0	
Surr: 4-Bromofluorobenzene		47.950		50.00		95.9	70	130		0	0	
Surr: Dibromofluoromethane		47.670		50.00		95.3	70	130		0	0	
Surr: Toluene-d8		50.020		50.00		100	70	130		0	0	

Sample ID: K100606MB2		SampType: MBLK		TestCode: 8260_S		Units: µg/Kg		Prep Date:		RunNo: 121861		
Client ID: PBS		Batch ID: K10VS134		TestNo: EPA 8260B				Analysis Date: 6/6/2010		SeqNo: 1948665		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane		ND	5.0									
1,1,1-Trichloroethane		ND	5.0									
1,1,2,2-Tetrachloroethane		ND	5.0									
1,1,2-Trichloroethane		ND	5.0									
1,1-Dichloroethane		ND	5.0									
1,1-Dichloroethene		ND	5.0									
1,1-Dichloropropene		ND	5.0									
1,2,3-Trichlorobenzene		ND	5.0									
1,2,3-Trichloropropane		ND	5.0									
1,2,4-Trichlorobenzene		ND	5.0									
1,2,4-Trimethylbenzene		ND	5.0									
1,2-Dibromo-3-chloropropane		ND	10									
1,2-Dibromoethane		ND	5.0									
1,2-Dichlorobenzene		ND	5.0									
1,2-Dichloroethane		ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Geocon Consultants, Inc.
Work Order: 112112
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

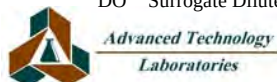
TestCode: 8260_S

Sample ID: K100606MB2		SampType: MBLK		TestCode: 8260_S		Units: µg/Kg		Prep Date:		RunNo: 121861			
Client ID: PBS		Batch ID: K10VS134		TestNo: EPA 8260B				Analysis Date: 6/6/2010		SeqNo: 1948665			
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dichloropropane	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,3-Dichloropropane	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,2-Dichloropropane	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
4-Isopropyltoluene	ND	5.0
Benzene	ND	5.0
Bromobenzene	ND	5.0
Bromodichloromethane	ND	5.0
Bromoform	ND	5.0
Bromomethane	ND	5.0
Carbon tetrachloride	ND	5.0
Chlorobenzene	ND	5.0
Chloroethane	ND	5.0
Chloroform	ND	5.0
Chloromethane	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
cis-1,3-Dichloropropene	ND	5.0
Dibromochloromethane	ND	5.0
Dibromomethane	ND	5.0
Dichlorodifluoromethane	ND	5.0
Ethylbenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Isopropylbenzene	ND	5.0
m,p-Xylene	ND	10
Methylene chloride	ND	5.0
n-Butylbenzene	ND	5.0

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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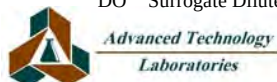
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID: K100606MB2	SampType: MBLK	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121861						
Client ID: PBS	Batch ID: K10VS134	TestNo: EPA 8260B	Analysis Date: 6/6/2010	SeqNo: 1948665							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	51.040		50.00		102	70	130				
Surr: 4-Bromofluorobenzene	46.620		50.00		93.2	70	130				
Surr: Dibromofluoromethane	48.710		50.00		97.4	70	130				
Surr: Toluene-d8	49.930		50.00		99.9	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

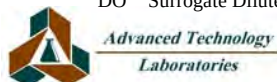
Sample ID: K100606LCS2	SampType: LCS	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121863						
Client ID: LCSS	Batch ID: K10VS135	TestNo: EPA 8260B	Analysis Date: 6/7/2010	SeqNo: 1948686							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	50.260	5.0	50.00	0	101	70	130				
Benzene	98.870	5.0	100.0	0	98.9	70	130				
Chlorobenzene	48.770	5.0	50.00	0	97.5	82	130				
MTBE	58.250	5.0	50.00	0	116	70	130				
Toluene	102.320	5.0	100.0	0	102	70	130				
Trichloroethene	51.160	5.0	50.00	0	102	77	130				
Surr: 1,2-Dichloroethane-d4	62.510		50.00		125	70	130				
Surr: 4-Bromofluorobenzene	49.720		50.00		99.4	70	130				
Surr: Dibromofluoromethane	51.760		50.00		104	70	130				
Surr: Toluene-d8	51.490		50.00		103	70	130				

Sample ID: 112112-021AMS		SampType: MS		TestCode: 8260_S		Units: µg/Kg		Prep Date:		RunNo: 121863		
Client ID: Area A Stockpile Co		Batch ID: K10VS135		TestNo: EPA 8260B				Analysis Date: 6/7/2010		SeqNo: 1948687		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene		48.370	5.0	50.00	0	96.7	70	130				
Benzene		90.310	5.0	100.0	0	90.3	70	130				
Chlorobenzene		44.190	5.0	50.00	0	88.4	70	130				
MTBE		53.070	5.0	50.00	0	106	70	130				
Toluene		88.320	5.0	100.0	0	88.3	70	130				
Trichloroethene		46.560	5.0	50.00	0	93.1	70	130				
Surr: 1,2-Dichloroethane-d4		63.940		50.00		128	70	130				
Surr: 4-Bromofluorobenzene		53.890		50.00		108	70	130				
Surr: Dibromofluoromethane		54.340		50.00		109	70	130				
Surr: Toluene-d8		49.830		50.00		99.7	70	130				

Sample ID: 112112-021AMSD		SampType: MSD		TestCode: 8260_S		Units: µg/Kg		Prep Date:		RunNo: 121863			
Client ID: Area A Stockpile Co		Batch ID: K10VS135		TestNo: EPA 8260B				Analysis Date: 6/7/2010		SeqNo: 1948688			
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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ANALYTICAL QC SUMMARY REPORT

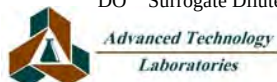
TestCode: 8260_S

Sample ID: 112112-021AMSD		SampType: MSD	TestCode: 8260_S		Units: µg/Kg	Prep Date:			RunNo: 121863		
Client ID: Area A Stockpile Co		Batch ID: K10VS135	TestNo: EPA 8260B			Analysis Date: 6/7/2010			SeqNo: 1948688		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	44.110	5.0	50.00	0	88.2	70	130	48.37	9.21	20	
Benzene	84.710	5.0	100.0	0	84.7	70	130	90.31	6.40	20	
Chlorobenzene	40.380	5.0	50.00	0	80.8	70	130	44.19	9.01	20	
MTBE	48.290	5.0	50.00	0	96.6	70	130	53.07	9.43	20	
Toluene	83.520	5.0	100.0	0	83.5	70	130	88.32	5.59	20	
Trichloroethene	43.400	5.0	50.00	0	86.8	70	130	46.56	7.03	20	
Surr: 1,2-Dichloroethane-d4	58.670		50.00		117	70	130		0	0	
Surr: 4-Bromofluorobenzene	46.960		50.00		93.9	70	130		0	0	
Surr: Dibromofluoromethane	51.110		50.00		102	70	130		0	0	
Surr: Toluene-d8	49.280		50.00		98.6	70	130		0	0	

Sample ID: K100606MB4		SampType: MBLK		TestCode: 8260_S		Units: µg/Kg		Prep Date:		RunNo: 121863		
Client ID: PBS		Batch ID: K10VS135		TestNo: EPA 8260B				Analysis Date: 6/7/2010		SeqNo: 1948689		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane		ND	5.0									
1,1,1-Trichloroethane		ND	5.0									
1,1,2,2-Tetrachloroethane		ND	5.0									
1,1,2-Trichloroethane		ND	5.0									
1,1-Dichloroethane		ND	5.0									
1,1-Dichloroethene		ND	5.0									
1,1-Dichloropropene		ND	5.0									
1,2,3-Trichlorobenzene		ND	5.0									
1,2,3-Trichloropropane		ND	5.0									
1,2,4-Trichlorobenzene		ND	5.0									
1,2,4-Trimethylbenzene		ND	5.0									
1,2-Dibromo-3-chloropropane		ND	10									
1,2-Dibromoethane		ND	5.0									
1,2-Dichlorobenzene		ND	5.0									
1,2-Dichloroethane		ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
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DO	Surrogate Diluted Out		Calculations are based on raw values		



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Work Order: 112112
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

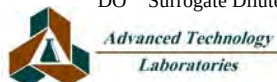
TestCode: 8260_S

Sample ID: K100606MB4	SampType: MBLK	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121863						
Client ID: PBS	Batch ID: K10VS135	TestNo: EPA 8260B		Analysis Date: 6/7/2010	SeqNo: 1948689						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dichloropropane	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,3-Dichloropropane	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,2-Dichloropropane	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
4-Isopropyltoluene	ND	5.0
Benzene	ND	5.0
Bromobenzene	ND	5.0
Bromodichloromethane	ND	5.0
Bromoform	ND	5.0
Bromomethane	ND	5.0
Carbon tetrachloride	ND	5.0
Chlorobenzene	ND	5.0
Chloroethane	ND	5.0
Chloroform	ND	5.0
Chloromethane	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
cis-1,3-Dichloropropene	ND	5.0
Dibromochloromethane	ND	5.0
Dibromomethane	ND	5.0
Dichlorodifluoromethane	ND	5.0
Ethylbenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Isopropylbenzene	ND	5.0
m,p-Xylene	ND	10
Methylene chloride	ND	5.0
n-Butylbenzene	ND	5.0

Qualifiers:

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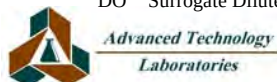
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID: K100606MB4		SampType: MBLK		TestCode: 8260_S		Units: µg/Kg		Prep Date:			RunNo: 121863	
Client ID: PBS		Batch ID: K10VS135		TestNo: EPA 8260B		Analysis Date: 6/7/2010			SeqNo: 1948689			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene		ND	5.0									
Naphthalene		ND	5.0									
o-Xylene		ND	5.0									
sec-Butylbenzene		ND	5.0									
Styrene		ND	5.0									
tert-Butylbenzene		ND	5.0									
Tetrachloroethene		ND	5.0									
Toluene		ND	5.0									
trans-1,2-Dichloroethene		ND	5.0									
Trichloroethene		ND	5.0									
Trichlorofluoromethane		ND	5.0									
Vinyl chloride		ND	5.0									
Surr: 1,2-Dichloroethane-d4		61.080		50.00		122	70	130				
Surr: 4-Bromofluorobenzene		47.530		50.00		95.1	70	130				
Surr: Dibromofluoromethane		53.240		50.00		106	70	130				
Surr: Toluene-d8		50.650		50.00		101	70	130				

Qualifiers:

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CLIENT: Geocon Consultants, Inc.
Work Order: 112112
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT**BatchID: 64568**

Sample ID: MB-64568	SampType: MBLK	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 6/5/2010	RunNo: 121859						
Client ID: PBS	Batch ID: 64568	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/7/2010	SeqNo: 1949114						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	10									
Surr: p-Terphenyl	68.130		80.00		85.2	63	152				

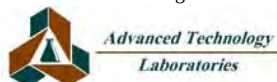
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Client ID: LCSS	Batch ID: 64568	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/7/2010	SeqNo: 1949115						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	938.780	10	1000	0	93.9	76	139				
Surr: p-Terphenyl	74.750		80.00		93.4	63	152				

Sample ID: 112112-004AMS	SampType: MS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 6/5/2010	RunNo: 121859						
Client ID: Area C 1N2E bottom	Batch ID: 64568	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/7/2010	SeqNo: 1949116						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1140.270	10	1000	0	114	60	158				
Surr: p-Terphenyl	74.040		80.00		92.6	63	152				

Sample ID: 112112-004AMSD	SampType: MSD	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 6/5/2010	RunNo: 121859						
Client ID: Area C 1N2E bottom	Batch ID: 64568	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/7/2010	SeqNo: 1949117						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1065.300	10	1000	0	107	60	158	1140	6.80	20	
Surr: p-Terphenyl	73.850		80.00		92.3	63	152		0	0	

Qualifiers:

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DO	Surrogate Diluted Out	Calculations are based on raw values			



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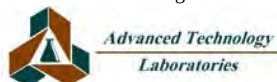
ANALYTICAL QC SUMMARY REPORT

BatchID: 64568

Sample ID: MB-64568		SampType: MBLK	TestCode: 8015_S_MO		Units: mg/Kg	Prep Date: 6/5/2010			RunNo: 121859			
Client ID: PBS		Batch ID: 64568	TestNo: EPA 8015B(M LUFT			Analysis Date: 6/6/2010			SeqNo: 1948623			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
ORO		ND	10									
Surr: p-Terphenyl		68.130		80.00		85.2	63	152				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
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ANALYTICAL QC SUMMARY REPORT

BatchID: 64569

Sample ID: MB-64569	SampType: MBLK	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 6/5/2010	RunNo: 121862
Client ID: PBS	Batch ID: 64569	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/7/2010	SeqNo: 1949105
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
DRO	ND	10			
Surr: p-Terphenyl	70.750		80.00		88.4 63 152

Sample ID: LCS-64569	SampType: LCS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 6/5/2010	RunNo: 121862
Client ID: LCSS	Batch ID: 64569	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/7/2010	SeqNo: 1949106
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
DRO	989.760	10	1000	0	99.0 76 139
Surr: p-Terphenyl	77.690		80.00		97.1 63 152

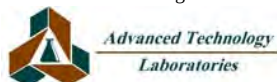
Sample ID: 112112-021AMS	SampType: MS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 6/5/2010	RunNo: 121862
Client ID: Area A Stockpile Co	Batch ID: 64569	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/7/2010	SeqNo: 1949107
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
DRO	1744.860	10	1000	1009	73.6 60 158
Surr: p-Terphenyl	76.690		80.00		95.9 63 152

Sample ID: 112112-021AMSD	SampType: MSD	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 6/5/2010	RunNo: 121862
Client ID: Area A Stockpile Co	Batch ID: 64569	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/7/2010	SeqNo: 1949108
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
DRO	1785.340	10	1000	1009	77.7 60 158 1745 2.29 20
Surr: p-Terphenyl	77.780		80.00		97.2 63 152 0 0

Sample ID: MB-64569	SampType: MBLK	TestCode: 8015_S_MO	Units: mg/Kg	Prep Date: 6/5/2010	RunNo: 121862
Client ID: PBS	Batch ID: 64569	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/6/2010	SeqNo: 1948656
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
ORO	ND	10			

Qualifiers:

B Analyte detected in the associated Method Blank	E Value above quantitation range	H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit	R RPD outside accepted recovery limits	S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out	Calculations are based on raw values	



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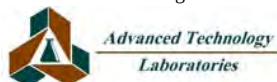
ANALYTICAL QC SUMMARY REPORT

BatchID: 64569

Sample ID: MB-64569		SampType: MBLK	TestCode: 8015_S_MO		Units: mg/Kg	Prep Date: 6/5/2010			RunNo: 121862			
Client ID: PBS		Batch ID: 64569	TestNo: EPA 8015B(M LUFT			Analysis Date: 6/6/2010			SeqNo: 1948656			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: p-Terphenyl		70.750		80.00		88.4	63	152				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CHAIN OF CUSTODY RECORD

Pg 1 of 3



**Advanced Technology
Laboratories**

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

FOR LABORATORY USE ONLY:

P.O.#:

Logged By:

Date:

Method of Transport

Client ☐

ATL ☒

CA OverN ☐

FEDEX ☐

Other:

Sample Condition Upon Receipt

1. CHILLED 4-9 Y ☒ N ☐ 4. SEALED Y ☒ N ☐

2. HEADSPACE (VOA) Y ☐ N ☐ 5. # OF SPLS MATCH COC Y ☒ N ☐

3. CONTAINER INTACT Y ☒ N ☐ 6. PRESERVED Y ☐ N ☐

Client: GEOCON CONSULTANTS, INC.

Address: 6970 Flanders Drive

TEL: (858) 558-6100

Attn: Jack Keener

City San Diego

State CA

Zip Code 92121

FAX: (858) 558-8437

Project Name: 1045 E Broadway

Project #: T2439-77-01

Sampler: (Printed Name)

Elizabeth Hartung (Signature)

Relinquished by: (Signature and Printed Name)

Date: 6/4/10

Time: 1505

Received by: (Signature and Printed Name)

Elizabeth Hartung (Signature)

Date: 6/3/10

Time: 1505

Relinquished by: (Signature and Printed Name)

Date: 6/4/10

Time: 1810

Received by: (Signature and Printed Name)

Elizabeth Hartung (Signature)

Date: 6/4/10

Time: 1810

Relinquished by: (Signature and Printed Name)

Date:

Time:

Received by: (Signature and Printed Name)

Elizabeth Hartung (Signature)

Date:

Time:

I hereby authorize ATL to perform the work indicated below:

Project Mgr /Submitter:

Elizabeth Hartung 9/4

Signature

Send Report To:

Attn:

Co: SAME AS ABOVE

Address

City State Zip

Bill To:

Attn:

Co: SAME AS ABOVE

Address

City State Zip

Special Instructions/Comments:

Sample Results by 6/7/10 10:00 AM Please IT

Sample/Records - Archival & Disposal

Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):

- Sample : \$2.00 / sample / mo (after 45 days)
- Records : \$1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC

RTNE ☐
CT ☐

SWRCB ☐
Logcode

OTHER

PRESERVATION

REMARKS

ITEM	LAB USE ONLY:		Sample Description		
	Batch #:	Lab No.	Sample I.D. / Location	Date	Time
	112112 - 01		Area C 2S1W sidewalk 28'	6/4	8:13
	- 2		Area C 2S1W bottom	6/4	8:21
	- 3		Area C 2IN 2E sidewalk 25'	6/4	9:07
	- 4		Area C 1N 2E bottom	6/4	9:28
	- 5		Area C 2N 1E sidewalk 30'	6/4	10:33
	- 6		Area C 2N 1E bottom	6/4	10:42
	- 7		Area C 1S 2E sidewalk 25'	6/4	11:30
	- 8		Area C 1S 2E bottom	6/4	11:46
	- 9		Area C Stockpile Comp1	6/4	13:16
	- 10		Area C Stockpile Comp2	6/4	13:14

Circle or Add Analysis(es) Requested	SPECIFY APPROPRIATE MATRIX												PRESERVATION	QA/QC		
	8011A (Pesticides)	8012 (PCB)	8280B (Total)	8270C (BNA)	8010B (Total Metal)	8015B (GRO) / BTEX	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (8010 / 7000)	SOIL	WATER	GROUND WATER		WASTEWATER	Container(s)	RTNE ☐
																CT ☐
																SWRCB ☐
Logcode	OTHER															
															REMARKS	
/	/	/	/	/	/	/	/	/	/	/	/	/	/	A 1 JG		
/	/	/	/	/	/	/	/	/	/	/	/	/	/	A 1 JG		
/	/	/	/	/	/	/	/	/	/	/	/	/	/	A 1 JG		
/	/	/	/	/	/	/	/	/	/	/	/	/	/	A 1 JG		
/	/	/	/	/	/	/	/	/	/	/	/	/	/	A 1 JG		
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/	/	/	/	/	/	/	/	/	/	/	/	/	/	A 1 JG		
/	/	/	/	/	/	/	/	/	/	/	/	/	/	A 1 JG		

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

TAT: A= Overnight ≤ 24 hr

B= Emergency Next workday

C= Critical 2 Workdays

D= Urgent 3 Workdays

E= Routine 7 Workdays

Preservatives:
H=HCl N=HNO₃ S=H₂SO₄ C=4°C
Z=Zn(AC)₂ O=NaOH T=Na₂S₂O₃

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

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

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Jul-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	Area C 1N2W sidewall 25'
Lab Order:	112112	Collection Date:	6/4/2010 9:07:00 AM
Project:	1045 E Broadway, T2439-77-01	Matrix:	SOIL
Lab ID:	112112-003A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	29000	500	mg/Kg
Surr: p-Terphenyl	0	63-152	SDO %REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 30-Jul-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-003A

Client Sample ID: Area C 1N2W sidewall 25'
Collection Date: 6/4/2010 9:07:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst: BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Chloroethane	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Chloroform	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Chloromethane	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Dibromomethane	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Ethylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
m,p-Xylene	ND	10	µg/Kg	1	6/6/2010 10:22 PM
Methylene chloride	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Naphthalene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
o-Xylene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Styrene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Tetrachloroethene	3400	250	µg/Kg	50	6/7/2010 09:25 AM
Toluene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Trichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Vinyl chloride	ND	5.0	µg/Kg	1	6/6/2010 10:22 PM
Surr: 1,2-Dichloroethane-d4	115	70-130	%REC	1	6/6/2010 10:22 PM
Surr: 1,2-Dichloroethane-d4	122	70-130	%REC	50	6/7/2010 09:25 AM
Surr: 4-Bromofluorobenzene	104	70-130	%REC	50	6/7/2010 09:25 AM
Surr: 4-Bromofluorobenzene	79.1	70-130	%REC	1	6/6/2010 10:22 PM
Surr: Dibromofluoromethane	88.0	70-130	%REC	1	6/6/2010 10:22 PM
Surr: Dibromofluoromethane	96.8	70-130	%REC	50	6/7/2010 09:25 AM
Surr: Toluene-d8	98.4	70-130	%REC	50	6/7/2010 09:25 AM
Surr: Toluene-d8	92.5	70-130	%REC	1	6/6/2010 10:22 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 30-Jul-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-005A

Client Sample ID: Area C 2N1E Sidewall 30'
Collection Date: 6/4/2010 10:33:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100606A	QC Batch: 64568	PrepDate: 6/5/2010	Analyst: CBR
ORO	ND	10	mg/Kg
Surr: p-Terphenyl	149	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100606A	QC Batch: K10VS134	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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ANALYTICAL RESULTS

Print Date: 30-Jul-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112112
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112112-005A

Client Sample ID: Area C 2N1E Sidewall 30'
Collection Date: 6/4/2010 10:33:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100606A	QC Batch:	K10VS134	PrepDate:	Analyst: BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Chloroethane	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Chloroform	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Chloromethane	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Dibromomethane	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Ethylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
m,p-Xylene	ND	10	µg/Kg	1	6/6/2010 10:54 PM
Methylene chloride	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Naphthalene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
o-Xylene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Styrene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Toluene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Trichloroethene	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Vinyl chloride	ND	5.0	µg/Kg	1	6/6/2010 10:54 PM
Surr: 1,2-Dichloroethane-d4	104	70-130	%REC	1	6/6/2010 10:54 PM
Surr: 4-Bromofluorobenzene	93.8	70-130	%REC	1	6/6/2010 10:54 PM
Surr: Dibromofluoromethane	99.5	70-130	%REC	1	6/6/2010 10:54 PM
Surr: Toluene-d8	102	70-130	%REC	1	6/6/2010 10:54 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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Diane Galvan

From: Elizabeth Hartung [hartung@geoconinc.com]
Sent: Friday, July 30, 2010 12:25 PM
To: Diane Galvan; 'Jack Keener'
Subject: RE: T2439-77-01 EDF file request

Hello Diane

Jack had noted the following changes. I apologize about not getting this to you sooner. Thank you for sending us the EDR. May I also have the revised copy of the PDF for the lab results listed below?

- Sample ID for location Area C 2N1E sidewall 30' – the lab sheet says the sample depth is 30", can you please change it to 30' (lab report 112112 page 11 of 60).
- Sample IDs: Area C 1N1E-bottom-40' and Area C 1S1E-bottom-40' (lab reports 112160) they are listed at INIE and ISIE. Can you please add the "Area C" and the "bottom 40' " to the sample ID.
- Finally, the Sample ID for Area C 1N2E sidewall should have been Area C 1N2W-sidewall 25'. (it should be the same lab report 112160).

Thank you,

Elizabeth A. Hartung
Senior Staff Geologist

Please take a moment to view our website at www.geoconinc.com

Geocon Incorporated
6960 Flanders Drive
San Diego, CA 92121-2974
Tel (858) 558-6900
Fax (858) 558-6159
www.geoconinc.com



GEOTECHNICAL - ENVIRONMENTAL - MATERIALS

San Diego Murrieta Burbank Bakersfield Sacramento Livermore Carson City Portland

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Diane Galvan

From: Elizabeth Hartung [hartung@geoconinc.com]
Sent: Friday, July 30, 2010 2:39 PM
To: Diane Galvan
Subject: RE: T2439-77-01 EDF file request

Hi Diane,
I'm sorry, the ATL WO# is 112112.
Thank you.

From: Elizabeth Hartung [mailto:hartung@geoconinc.com]
Sent: Friday, July 30, 2010 12:25 PM
To: Diane Galvan; 'Jack Keener'
Subject: RE: T2439-77-01 EDF file request

Hello Diane

Jack had noted the following changes. I apologize about not getting this to you sooner. Thank you for sending us the EDR. May I also have the revised copy of the PDF for the lab results listed below?

- Sample ID for location Area C 2N1E sidewall 30' – the lab sheet says the sample depth is 30", can you please change it to 30' (lab report 112112 page 11 of 60).
- Sample IDs: Area C 1N1E-bottom-40' and Area C 1S1E-bottom-40' (lab reports 112160) they are listed at INIE and ISIE. Can you please add the "Area C" and the "bottom 40' " to the sample ID.
- Finally, the Sample ID for Area C 1N2E sidewall should have been Area C 1N2W-sidewall 25'. (it should be the same lab report 112160).

Thank you,

Elizabeth A. Hartung
Senior Staff Geologist

Please take a moment to view our website at www.geoconinc.com

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GEOTECHNICAL - ENVIRONMENTAL - MATERIALS

San Diego Murrieta Burbank Bakersfield Sacramento Livermore Carson City Portland

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June 09, 2010



Jack Keener/Elizabeth Hartung
Geocon Consultants, Inc.
6960 Flanders Drive
San Diego, CA 92121
TEL: (858) 558-6100
FAX: (858) 558-8437

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
CSDLAC No.: 10196

Workorder No.: 112160

RE: 1045 E Broadway, T2439-77-01

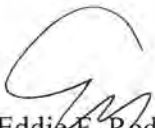
Attention: Jack Keener/Elizabeth Hartung

Enclosed are the results for sample(s) received on June 08, 2010 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

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

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

Sincerely,


Eddie F. Rodriguez
Laboratory Director

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



Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 09-Jun-10

CLIENT: Geocon Consultants, Inc.
Lab Order: 112160
Project: 1045 E Broadway, T2439-77-01
Lab ID: 112160-001A

Client Sample ID: Area C-INIE-bottom-40'
Collection Date: 6/8/2010 9:24:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100608B	QC Batch: 64615	PrepDate: 6/8/2010	Analyst: CBR
ORO	54	10	mg/Kg
Surr: p-Terphenyl	112	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100608A	QC Batch: K10VS137	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 09-Jun-10

CLIENT: Geocon Consultants, Inc.

Client Sample ID: Area C-INIE-bottom-40'

Lab Order: 112160

Collection Date: 6/8/2010 9:24:00 AM

Project: 1045 E Broadway, T2439-77-01

Matrix: SOIL

Lab ID: 112160-001A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS4_100608A	QC Batch:	K10VS137	PrepDate:	Analyst: BD
Chlorobenzene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Chloroethane	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Chloroform	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Chloromethane	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Dibromomethane	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Ethylbenzene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
m,p-Xylene	ND	10	µg/Kg	1	6/8/2010 06:37 PM
Methylene chloride	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Naphthalene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
o-Xylene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Styrene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Toluene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Trichloroethene	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Vinyl chloride	ND	5.0	µg/Kg	1	6/8/2010 06:37 PM
Surr: 1,2-Dichloroethane-d4	125	70-130	%REC	1	6/8/2010 06:37 PM
Surr: 4-Bromofluorobenzene	96.0	70-130	%REC	1	6/8/2010 06:37 PM
Surr: Dibromofluoromethane	111	70-130	%REC	1	6/8/2010 06:37 PM
Surr: Toluene-d8	104	70-130	%REC	1	6/8/2010 06:37 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

CLIENT: Geocon Consultants, Inc.
Work Order: 112160
Project: 1045 E Broadway, T2439-77-01

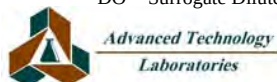
ANALYTICAL QC SUMMARY REPORT**TestCode: 8260_S**

Sample ID: K100608LCS1	SampType: LCS	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121959						
Client ID: LCSS	Batch ID: K10VS137	TestNo: EPA 8260B	Analysis Date: 6/8/2010	SeqNo: 1950517							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	54.040	5.0	50.00	0	108	70	130				
Benzene	103.430	5.0	100.0	0	103	70	130				
Chlorobenzene	52.040	5.0	50.00	0	104	82	130				
MTBE	59.480	5.0	50.00	0	119	70	130				
Toluene	104.910	5.0	100.0	0	105	70	130				
Trichloroethene	52.590	5.0	50.00	0	105	77	130				
Surr: 1,2-Dichloroethane-d4	53.780		50.00		108	70	130				
Surr: 4-Bromofluorobenzene	50.670		50.00		101	70	130				
Surr: Dibromofluoromethane	52.660		50.00		105	70	130				
Surr: Toluene-d8	51.010		50.00		102	70	130				

Sample ID: K100608MB2	SampType: MBLK	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121959						
Client ID: PBS	Batch ID: K10VS137	TestNo: EPA 8260B	Analysis Date: 6/8/2010	SeqNo: 1950518							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



CLIENT: Geocon Consultants, Inc.
Work Order: 112160
Project: 1045 E Broadway, T2439-77-01

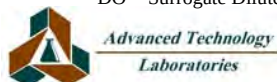
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID: K100608MB2	SampType: MBLK	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121959						
Client ID: PBS	Batch ID: K10VS137	TestNo: EPA 8260B	Analysis Date: 6/8/2010	SeqNo: 1950518							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

CLIENT: Geocon Consultants, Inc.
Work Order: 112160
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

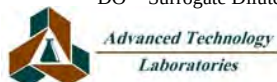
TestCode: 8260_S

Sample ID: K100608MB2	SampType: MBLK	TestCode: 8260_S	Units: µg/Kg	Prep Date:					RunNo: 121959		
Client ID: PBS	Batch ID: K10VS137	TestNo: EPA 8260B	Analysis Date: 6/8/2010					SeqNo: 1950518			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylene chloride	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	54.250		50.00		108	70	130				
Surr: 4-Bromofluorobenzene	47.710		50.00		95.4	70	130				
Surr: Dibromofluoromethane	50.020		50.00		100	70	130				
Surr: Toluene-d8	51.260		50.00		103	70	130				

Sample ID: 112160-001AMS	SampType: MS	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121959						
Client ID: Area C-INIE-bottom-	Batch ID: K10VS137	TestNo: EPA 8260B		Analysis Date: 6/8/2010	SeqNo: 1950521						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	48.720	5.0	50.00	0	97.4	70	130				
Benzene	100.550	5.0	100.0	0	101	70	130				
Chlorobenzene	47.270	5.0	50.00	0	94.5	70	130				
MTBE	53.650	5.0	50.00	0	107	70	130				
Toluene	101.610	5.0	100.0	0	102	70	130				
Trichloroethene	51.160	5.0	50.00	0	102	70	130				
Surr: 1,2-Dichloroethane-d4	59.450		50.00		119	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: Geocon Consultants, Inc.
Work Order: 112160
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

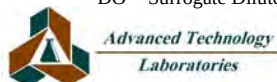
TestCode: 8260_S

Sample ID: 112160-001AMS		SampType: MS		TestCode: 8260_S		Units: µg/Kg		Prep Date:		RunNo: 121959			
Client ID: Area C-INIE-bottom-		Batch ID: K10VS137		TestNo: EPA 8260B				Analysis Date: 6/8/2010		SeqNo: 1950521			
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene		49.550			50.00		99.1	70	130				
Surr: Dibromofluoromethane		54.720			50.00		109	70	130				
Surr: Toluene-d8		51.750			50.00		104	70	130				

Sample ID: 112160-001AMSD	SampType: MSD	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 121959						
Client ID: Area C-INIE-bottom-	Batch ID: K10VS137	TestNo: EPA 8260B		Analysis Date: 6/8/2010	SeqNo: 1950522						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	49.630	5.0	50.00	0	99.3	70	130	48.72	1.85	20	
Benzene	98.120	5.0	100.0	0	98.1	70	130	100.6	2.45	20	
Chlorobenzene	48.730	5.0	50.00	0	97.5	70	130	47.27	3.04	20	
MTBE	55.120	5.0	50.00	0	110	70	130	53.65	2.70	20	
Toluene	99.330	5.0	100.0	0	99.3	70	130	101.6	2.27	20	
Trichloroethene	52.240	5.0	50.00	0	104	70	130	51.16	2.09	20	
Surr: 1,2-Dichloroethane-d4	58.790		50.00		118	70	130		0	0	
Surr: 4-Bromofluorobenzene	50.510		50.00		101	70	130		0	0	
Surr: Dibromofluoromethane	52.580		50.00		105	70	130		0	0	
Surr: Toluene-d8	51.090		50.00		102	70	130		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



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CLIENT: Geocon Consultants, Inc.
Work Order: 112160
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT**BatchID: 64615**

Sample ID: LCS-64615	SampType: LCS	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 6/8/2010	RunNo: 121927						
Client ID: LCSS	Batch ID: 64615	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/8/2010	SeqNo: 1949999						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	956.150	10	1000	0	95.6	76	139				
Surr: p-Terphenyl	74.280		80.00		92.8	63	152				

Sample ID: MB-64615	SampType: MBLK	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 6/8/2010	RunNo: 121927						
Client ID: PBS	Batch ID: 64615	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/8/2010	SeqNo: 1950000						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	10									
Surr: p-Terphenyl	67.450		80.00		84.3	63	152				

Sample ID: 112094-002AMS	SampType: MS	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 6/8/2010	RunNo: 121927						
Client ID: ZZZZZZ	Batch ID: 64615	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/8/2010	SeqNo: 1950005						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	10450.600	100	1000	9956	49.5	60	158				S
Surr: p-Terphenyl	0		80.00		0	63	152				SDO

Sample ID: 112094-002AMSD	SampType: MSD	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 6/8/2010	RunNo: 121927						
Client ID: ZZZZZZ	Batch ID: 64615	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/8/2010	SeqNo: 1950006						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	9014.700	100	1000	9956	-94.1	60	158	10450	14.8	20	S
Surr: p-Terphenyl	0		80.00		0	63	152		0	0	SDO

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



CLIENT: Geocon Consultants, Inc.
Work Order: 112160
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

BatchID: 64615

Sample ID: MB-64615		SampType: MBLK	TestCode: 8015_S_MO		Units: mg/Kg	Prep Date: 6/8/2010			RunNo: 121927		
Client ID: PBS		Batch ID: 64615	TestNo: EPA 8015B(M LUFT			Analysis Date: 6/8/2010			SeqNo: 1950872		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
ORO	ND	10									
Surr: p-Terphenyl	67.450		80.00		84.3	63	152				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

June 14, 2010



Jack Keener/Elizabeth Hartung
Geocon Consultants, Inc.
6960 Flanders Drive
San Diego, CA 92121
TEL: (858) 558-6100
FAX: (858) 558-8437

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
CSDLAC No.: 10196

Workorder No.: 112234

RE: 1045 E Broadway, T2439-77-01

Attention: Jack Keener/Elizabeth Hartung

Enclosed are the results for sample(s) received on June 11, 2010 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "E. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

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



CLIENT: Geocon Consultants, Inc.
Project: 1045 E Broadway, T2439-77-01
Lab Order: 112234

CASE NARRATIVE

Analytical Comments for Method 8015

Surrogate recovery biased high for sample 112195-004GMS, possibly due to matrix interferences.



Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 14-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	AreaC-ISIE-bottom-40'
Lab Order:	112234	Collection Date:	6/11/2010 8:30:00 AM
Project:	1045 E Broadway, T2439-77-01	Matrix:	SOIL
Lab ID:	112234-001A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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MOTOR OIL RANGE ORGANICS BY GC/FID

LUFT

EPA 8015B(M)

RunID: GC16_100611A	QC Batch: 64737	PrepDate: 6/11/2010	Analyst: CBR
ORO	120	10	mg/Kg
Surr: p-Terphenyl	118	63-152	%REC

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100611A	QC Batch: K10VS141	PrepDate:	Analyst: BD
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,1-Trichloroethane	ND	5.0	µg/Kg
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg
1,1,2-Trichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethane	ND	5.0	µg/Kg
1,1-Dichloroethene	ND	5.0	µg/Kg
1,1-Dichloropropene	ND	5.0	µg/Kg
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg
1,2,3-Trichloropropane	ND	5.0	µg/Kg
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg
1,2-Dibromoethane	ND	5.0	µg/Kg
1,2-Dichlorobenzene	ND	5.0	µg/Kg
1,2-Dichloroethane	ND	5.0	µg/Kg
1,2-Dichloropropane	ND	5.0	µg/Kg
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg
1,3-Dichlorobenzene	ND	5.0	µg/Kg
1,3-Dichloropropane	ND	5.0	µg/Kg
1,4-Dichlorobenzene	ND	5.0	µg/Kg
2,2-Dichloropropane	ND	5.0	µg/Kg
2-Chlorotoluene	ND	5.0	µg/Kg
4-Chlorotoluene	ND	5.0	µg/Kg
4-Isopropyltoluene	ND	5.0	µg/Kg
Benzene	ND	5.0	µg/Kg
Bromobenzene	ND	5.0	µg/Kg
Bromodichloromethane	ND	5.0	µg/Kg
Bromoform	ND	5.0	µg/Kg
Bromomethane	ND	5.0	µg/Kg
Carbon tetrachloride	ND	5.0	µg/Kg

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

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ANALYTICAL RESULTS

Print Date: 14-Jun-10

CLIENT:	Geocon Consultants, Inc.	Client Sample ID:	AreaC-ISIE-bottom-40'
Lab Order:	112234	Collection Date:	6/11/2010 8:30:00 AM
Project:	1045 E Broadway, T2439-77-01	Matrix:	SOIL
Lab ID:	112234-001A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS4_100611A	QC Batch: K10VS141	PrepDate:	Analyst: BD
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Chlorobenzene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Chloroethane	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Chloroform	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Chloromethane	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Dibromomethane	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Ethylbenzene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
m,p-Xylene	ND	10	µg/Kg	1	6/11/2010 05:19 PM
Methylene chloride	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
n-Butylbenzene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Naphthalene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
o-Xylene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Styrene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Toluene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Trichloroethene	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Vinyl chloride	ND	5.0	µg/Kg	1	6/11/2010 05:19 PM
Surr: 1,2-Dichloroethane-d4	80.2	70-130	%REC	1	6/11/2010 05:19 PM
Surr: 4-Bromofluorobenzene	87.9	70-130	%REC	1	6/11/2010 05:19 PM
Surr: Dibromofluoromethane	83.1	70-130	%REC	1	6/11/2010 05:19 PM
Surr: Toluene-d8	91.1	70-130	%REC	1	6/11/2010 05:19 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: Geocon Consultants, Inc.
Work Order: 112234
Project: 1045 E Broadway, T2439-77-01

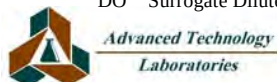
ANALYTICAL QC SUMMARY REPORT**TestCode: 8260_S**

Sample ID: K100611LCS2		SampType: LCS	TestCode: 8260_S		Units: µg/Kg	Prep Date:			RunNo: 122131			
Client ID: LCSS		Batch ID: K10VS141	TestNo: EPA 8260B			Analysis Date: 6/11/2010			SeqNo: 1954110			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene		46.670	5.0	50.00	0	93.3	70	130				
Benzene		104.620	5.0	100.0	0	105	70	130				
Chlorobenzene		52.740	5.0	50.00	0	105	82	130				
MTBE		46.200	5.0	50.00	0	92.4	70	130				
Toluene		100.680	5.0	100.0	0	101	70	130				
Trichloroethene		52.040	5.0	50.00	0	104	77	130				
Surr: 1,2-Dichloroethane-d4		41.390		50.00		82.8	70	130				
Surr: 4-Bromofluorobenzene		49.000		50.00		98.0	70	130				
Surr: Dibromofluoromethane		44.530		50.00		89.1	70	130				
Surr: Toluene-d8		50.130		50.00		100	70	130				

Sample ID: 112176-009AMS	SampType: MS	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 122131						
Client ID: ZZZZZZ	Batch ID: K10VS141	TestNo: EPA 8260B		Analysis Date: 6/11/2010	SeqNo: 1954111						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	44.090	5.0	50.00	0	88.2	70	130				
Benzene	92.320	5.0	100.0	0	92.3	70	130				
Chlorobenzene	46.590	5.0	50.00	0	93.2	70	130				
Toluene	89.400	5.0	100.0	0	89.4	70	130				
Trichloroethene	47.010	5.0	50.00	0	94.0	70	130				
Surr: 1,2-Dichloroethane-d4	39.980		50.00		80.0	70	130				
Surr: 4-Bromofluorobenzene	46.530		50.00		93.1	70	130				
Surr: Dibromofluoromethane	41.880		50.00		83.8	70	130				
Surr: Toluene-d8	45.340		50.00		90.7	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



CLIENT: Geocon Consultants, Inc.
Work Order: 112234
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

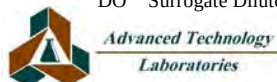
TestCode: 8260_S

Sample ID: 112176-009AMSD	SampType: MSD	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 122131						
Client ID: ZZZZZZ	Batch ID: K10VS141	TestNo: EPA 8260B	Analysis Date: 6/11/2010	SeqNo: 1954112							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.400	5.0	50.00	0	78.8	70	130	44.09	11.2	20	
Benzene	85.800	5.0	100.0	0	85.8	70	130	92.32	7.32	20	
Chlorobenzene	40.870	5.0	50.00	0	81.7	70	130	46.59	13.1	20	
Toluene	81.950	5.0	100.0	0	82.0	70	130	89.40	8.70	20	
Trichloroethene	43.680	5.0	50.00	0	87.4	70	130	47.01	7.34	20	
Surr: 1,2-Dichloroethane-d4	35.240		50.00		70.5	70	130		0	0	
Surr: 4-Bromofluorobenzene	43.730		50.00		87.5	70	130		0	0	
Surr: Dibromofluoromethane	40.350		50.00		80.7	70	130		0	0	
Surr: Toluene-d8	44.960		50.00		89.9	70	130		0	0	

Sample ID: K100611MB4	SampType: MBLK	TestCode: 8260_S	Units: µg/Kg	Prep Date:	RunNo: 122131						
Client ID: PBS	Batch ID: K10VS141	TestNo: EPA 8260B	Analysis Date: 6/11/2010	SeqNo: 1954113							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									

Qualifiers:

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Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

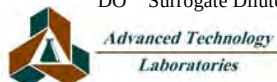
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Sample ID: K100611MB4		SampType: MBLK		TestCode: 8260_S		Units: µg/Kg		Prep Date:			RunNo: 122131		
Client ID: PBS		Batch ID: K10VS141		TestNo: EPA 8260B		Analysis Date: 6/11/2010			SeqNo: 1954113				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,3,5-Trimethylbenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,3-Dichloropropane	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,2-Dichloropropane	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
4-Isopropyltoluene	ND	5.0
Benzene	ND	5.0
Bromobenzene	ND	5.0
Bromodichloromethane	ND	5.0
Bromoform	ND	5.0
Bromomethane	ND	5.0
Carbon tetrachloride	ND	5.0
Chlorobenzene	ND	5.0
Chloroethane	ND	5.0
Chloroform	ND	5.0
Chloromethane	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
cis-1,3-Dichloropropene	ND	5.0
Dibromochloromethane	ND	5.0
Dibromomethane	ND	5.0
Dichlorodifluoromethane	ND	5.0
Ethylbenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Isopropylbenzene	ND	5.0
m,p-Xylene	ND	10
Methylene chloride	ND	5.0
n-Butylbenzene	ND	5.0
n-Propylbenzene	ND	5.0

Qualifiers:

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CLIENT: Geocon Consultants, Inc.
Work Order: 112234
Project: 1045 E Broadway, T2439-77-01

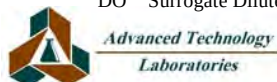
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_S

Sample ID: K100611MB4		SampType: MBLK		TestCode: 8260_S		Units: µg/Kg		Prep Date:		RunNo: 122131		
Client ID: PBS		Batch ID: K10VS141		TestNo: EPA 8260B				Analysis Date: 6/11/2010		SeqNo: 1954113		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene		ND	5.0									
o-Xylene		ND	5.0									
sec-Butylbenzene		ND	5.0									
Styrene		ND	5.0									
tert-Butylbenzene		ND	5.0									
Tetrachloroethene		ND	5.0									
Toluene		ND	5.0									
trans-1,2-Dichloroethene		ND	5.0									
Trichloroethene		ND	5.0									
Trichlorofluoromethane		ND	5.0									
Vinyl chloride		ND	5.0									
Surr: 1,2-Dichloroethane-d4		38.310		50.00		76.6	70	130				
Surr: 4-Bromofluorobenzene		42.610		50.00		85.2	70	130				
Surr: Dibromofluoromethane		40.090		50.00		80.2	70	130				
Surr: Toluene-d8		44.950		50.00		89.9	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
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CLIENT: Geocon Consultants, Inc.
Work Order: 112234
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT**BatchID: 64737**

Sample ID: LCS-64737	SampType: LCS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 6/11/2010	RunNo: 122106						
Client ID: LCSS	Batch ID: 64737	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/12/2010	SeqNo: 1953569						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1246.900	10	1000	0	125	76	139				
Surr: p-Terphenyl	120.070		85.00		141	63	152				

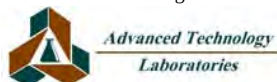
Sample ID: LCSD-64737	SampType: LCSD	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 6/11/2010	RunNo: 122106						
Client ID: LCSS02	Batch ID: 64737	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/12/2010	SeqNo: 1953570						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1115.970	10	1000	0	112	76	139	1247	11.1	20	
Surr: p-Terphenyl	102.850		85.00		121	63	152		0	0	

Sample ID: 112195-004GMS	SampType: MS	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 6/11/2010	RunNo: 122106						
Client ID: ZZZZZZ	Batch ID: 64737	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/12/2010	SeqNo: 1953571						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1296.710	10	1000	0	130	60	158				
Surr: p-Terphenyl	130.180		85.00		153	63	152				S

Sample ID: 112195-004GMSD	SampType: MSD	TestCode: 8015_S_DSL	Units: mg/Kg	Prep Date: 6/11/2010	RunNo: 122106						
Client ID: ZZZZZZ	Batch ID: 64737	TestNo: EPA 8015B(M LUFT		Analysis Date: 6/12/2010	SeqNo: 1953572						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1316.110	10	1000	0	132	60	158	1297	1.48	20	
Surr: p-Terphenyl	119.360		85.00		140	63	152		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			



CLIENT: Geocon Consultants, Inc.
Work Order: 112234
Project: 1045 E Broadway, T2439-77-01

ANALYTICAL QC SUMMARY REPORT

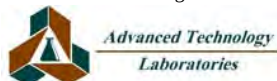
BatchID: 64737

Sample ID: MB-64737		SampType: MBLK	TestCode: 8015_S_DSL		Units: mg/Kg	Prep Date: 6/11/2010			RunNo: 122106		
Client ID: PBS		Batch ID: 64737	TestNo: EPA 8015B(M		LUFT	Analysis Date: 6/12/2010			SeqNo: 1953587		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	10									
Surr: p-Terphenyl	100.180		85.00		118	63	152				

Sample ID: MB-64737		SampType: MBLK	TestCode: 8015_S_MO		Units: mg/Kg	Prep Date: 6/11/2010			RunNo: 122106		
Client ID: PBS		Batch ID: 64737	TestNo: EPA 8015B(M LUFT			Analysis Date: 6/12/2010			SeqNo: 1953629		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
ORO	ND	10									
Surr: p-Terphenyl	100.180		85.00		118	63	152				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
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DO	Surrogate Diluted Out		Calculations are based on raw values		



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APPENDIX





GEOCON

Project Name: 1045 E Broadway
Project No.: T2439-77-01

Log for PID Readings
measured in ppm.

Date	Time	North	East	South	West	Observable Dust (Y/N) Notes
6/2	14:00	0.0	0.0	0.0	0.0	N
↓	15:00	0.0	0.0	0.0	0.0	N
6/3	7:00	0.0	0.0	0.0	0.0	N
↓	8:00	0.0	0.0	0.0	0.0	N
	9:00	0.0	0.0	0.0	0.0	N
	10:00	0.0	0.0	0.0	0.0	N
	11:00	0.0	0.0	0.0	0.0	N dry spots
	12:00	0.0	0.0	0.0	0.0	added some
	13:00	0.0	0.0	0.0	0.0	H ₂ O
	14:00	0.0	0.0	0.0	0.0	N
↓	15:00	0.0	0.0	0.0	0.0	N
6/4	7:00	0.0	0.0	0.0	0.0	N
↓	8:00	0.0	0.0	0.0	0.0	
	9:00	0.0	0.0	0.0	0.0	
	10:00	0.0	0.0	0.0	0.0	
	11:00	0.0	0.0	0.0	0.0	
	12:00	0.0	0.0	0.0	0.0	
	13:00	0.0	0.0	0.0	0.0	
	14:00	0.0	0.0	0.0	0.0	
↓	15:00	0.0	0.0	0.0	0.0	
6/7	7:00	0.0	0.0	0.0	0.0	No dust
↓	8:00	0.0	0.0	0.0	0.0	observed
	9:00	0.0	0.0	0.0	0.0	
	10:00	0.0	0.0	0.0	0.0	
	11:00	0.0	0.0	0.0	0.0	sprayed
	12:00	0.0	0.0	0.0	0.0	H ₂ O
	13:00	0.0	0.0	0.0	0.0	
	14:00	0.0	0.0	0.0	0.0	
↓	15:00	0.0	0.0	0.0	0.0	
6/8	7:00	0.0	0.0	0.0	0.0	N
	8:00	0.0	0.0	0.0	0.0	
	9:00	0.0	0.0	0.0	0.0	
	10:00	0.0	0.0	0.0	0.0	



GEOCON

Project Name: 1045 E Broadway
Project No.: T2439-17-01

Log for PID Readings

Date	Time	North	East	South	West	Observable Dust (Y/N) Notes
6/8	11:00	0.0	0.0	0.0	0.0	
	12:00	0.0	0.0	0.0	0.0	drilling stopped
	13:00	0.0	0.0	0.0	0.0	
	14:00	0.0	0.0	0.0	0.0	
	15:00					Offsite @ 2:00
6/9	7:00	0.0				N
	8:00	0.0				
	9:00	0.0				
	10:00	0.0				
	11:00	0.0				
	12:00	0.0				
	13:00	0.0				add H ₂ O
	14:00	0.0				
	15:00	0.0				
6/10	9:30	0.0				no dust.
	10:00	0.0				
	11:00	0.0				
	12:00	0.0				add H ₂ O
	13:00	0.0				
	14:00	0.0				
	15:00	0.0				
6/11	7:00	0.0				no dust
	8:00	0.0				
	9:00	0.0				
	10:00	0.0				
	11:00	0.0				add H ₂ O
	12:00	0.0				
	13:00	0.0				
	14:00	0.0				
	15:00	0.0				

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Waste Tracking Number		
5. Generator's Name and Mailing Address MSD Masada P.O. Box 102336 San Diego, CA 92112 (619) 239-2442				Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA 92105						
Generator's Phone:				U.S. EPA ID Number						
6. Transporter 1 Company Name A-1011-11-11-11-11				U.S. EPA ID Number P-100111-11						
7. Transporter 2 Company Name				U.S. EPA ID Number						
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welinas Drive Mecca, Ca. 92254				U.S. EPA ID Number 760-396-0222 CAR000157206						
Facility's Phone:										
9. Waste Shipping Name and Description				10. Containers		11. Total Quantity	12. Unit Wt./Vol.			
				No.	Type					
1. PCS - Petroleum Contaminated Soil				001	D T	18	Y			
2.										
3.										
4.										
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WE11702 E-11-11-11-11-11										
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.										
Generator's/Officer's Printed/Typed Name Jill K. Kline				Signature [Signature]				Month	Day	Year
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.				Port of entry/exit: Date leaving U.S.:						
Transporter Signature (for exports only):										
16. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name [Signature]				Signature [Signature]				Month	Day	Year
Transporter 2 Printed/Typed Name				Signature [Signature]				Month	Day	Year
17. Discrepancy										
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection										
Manifest Reference Number:										
17b. Alternate Facility (or Generator)				U.S. EPA ID Number						
Facility's Phone:										
17c. Signature of Alternate Facility (or Generator)				Signature				Month	Day	Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a										
Printed/Typed Name				Signature				Month	Day	Year

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number	
5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA 92112 (619) 239-8448			Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA 92105			
6. Transporter 1 Company Name HILLTOPPA			U.S. EPA ID Number CAR000157206			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welmas Drive Mecca, Ca. 92254			U.S. EPA ID Number CAR000157206			
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
		No.	Type			
1. PCS -- Petroleum Contaminated Soil		001	D T	18	Y	
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEH1702 #218-T						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Generator's/Offor's Printed/Typed Name J. L. Masada			Signature J. L. Masada		Month Day Year 10/1/06	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter Signature (for exports only): _____ Date leaving U.S.: _____						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name J. L. Masada			Signature J. L. Masada		Month Day Year 10/1/06	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Manifest Reference Number:						
17b. Alternate Facility (or Generator)			U.S. EPA ID Number			
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator)			Month Day Year			
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name			Signature		Month Day Year	

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Waste Tracking Number 5	
5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA 92112 (619) 239-8448						Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA 92105			
Generator's Phone:									
6. Transporter 1 Company Name						U.S. EPA ID Number			
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welunas Drive Mecca, Ca 92254						U.S. EPA ID Number CAR000157206			
Facility's Phone:									
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.				
		No.	Type						
1. PCS - Petroleum Contaminated Soil		001	DT	18	Y				
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEL1702 TRK # 2141 2147									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name John K...				Signature [Signature]		Month 10		Day 10	
15. International Shipments		☐ Import to U.S.		☐ Export from U.S.		Port of entry/exit:		Date leaving U.S.:	
Transporter Signature (for exports only):									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Michael S. H...				Signature [Signature]		Month 6		Day 10	
Transporter 2 Printed/Typed Name				Signature		Month		Day	
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Manifest Reference Number:									
17b. Alternate Facility (or Generator)						U.S. EPA ID Number			
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator)						Month		Day	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name				Signature		Month		Day	

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

061

5. Generator's Name and Mailing Address

MSD Masada
P.O. Box 122336
San Diego, CA. 92112 (619) 239-8448

Generator's Site Address (if different than mailing address)

1045 Broadway
San Diego, CA. 92103

Generator's Phone:

6. Transporter 1 Company Name

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Western Environmental Inc.
62-150 Gene Welmas Drive
Mecca, Ca. 92254

U.S. EPA ID Number

760-396-0222

CAR000157206

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity12. Unit
Wt./Vol.

1.

PCS - Petroleum Contaminated Soil

001

D T

18

Y

2.

3.

4.

13. Special Handling Instructions and Additional Information

Wear appropriate protective equipment
Approval # 20101701/WE11702

#217

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name

Signature

Month Day Year

15. International Shipments

☐ Import to U.S.☐ Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity☐ Type☐ Residue☐ Partial Rejection☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator. Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name

Signature

Month Day Year

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Waste Tracking Number							
								062							
GENERATOR		5. Generator's Name and Mailing Address				Generator's Site Address (if different than mailing address)									
		MSD Masada P.O. Box 122336 San Diego, CA. 92112 (619) 239-2448				1045 Broadway San Diego, CA. 92105									
TRANSPORTER		6. Transporter 1 Company Name				U.S. EPA ID Number									
INT'L		7. Transporter 2 Company Name				U.S. EPA ID Number									
DESIGNATED FACILITY		8. Designated Facility Name and Site Address				U.S. EPA ID Number									
		Western Environmental Inc. 62-150 Gene Welmas Drive Mecca, Ca. 92254				760-396-0222 CAR000157206									
DESIGNATED FACILITY		9. Waste Shipping Name and Description				10. Containers		11. Total Quantity	12. Unit Wt./Vol.						
						No. Type									
DESIGNATED FACILITY		1. PCS - Petroleum Contaminated Soil				001		D T		18		Y			
		2.													
		3.													
		4.													
DESIGNATED FACILITY		13. Special Handling Instructions and Additional Information													
		Wear appropriate protective equipment Approval # 20101701/VEI1702													
DESIGNATED FACILITY		14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.													
		Generator's/Officer's Printed/Typed Name					Signature			Month		Day		Year	
DESIGNATED FACILITY		15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____													
		Transporter Signature (for exports only): _____ Date leaving U.S.: _____													
DESIGNATED FACILITY		16. Transporter Acknowledgment of Receipt of Materials													
		Transporter 1 Printed/Typed Name					Signature			Month		Day		Year	
DESIGNATED FACILITY		Transporter 2 Printed/Typed Name					Signature			Month		Day		Year	
DESIGNATED FACILITY		17. Discrepancy													
		17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection													
DESIGNATED FACILITY		Manifest Reference Number: _____													
		17b. Alternate Facility (or Generator)					U.S. EPA ID Number								
DESIGNATED FACILITY		Facility's Phone: _____													
		17c. Signature of Alternate Facility (or Generator)					Month Day Year								
DESIGNATED FACILITY															
DESIGNATED FACILITY		18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a													
		Printed/Typed Name					Signature			Month		Day		Year	

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number 005		
5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA. 92112 (619) 239- 8448				Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA. 92105				
6. Transporter 1 Company Name Western Environmental Inc.				U.S. EPA ID Number CAR000157206				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welinas Drive Mecca, Ca. 92254				U.S. EPA ID Number CAR000157206				
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.			
		No.	Type					
1. PCS - Petroleum Contaminated Soil		001	D T	18	Y			
2.								
3.								
4.								
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702 68 565								
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.								
Generator's/Offor's Printed/Typed Name JULIA K. KIRK				Signature [Signature]		Month 1	Day 1	Year 10
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.				Port of entry/exit: Date leaving U.S.:				
Transporter Signature (for exports only):								
16. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name LARRY RUSHING				Signature [Signature]		Month 6	Day 21	Year 10
Transporter 2 Printed/Typed Name				Signature		Month	Day	Year
17. Discrepancy								
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection								
Manifest Reference Number:								
17b. Alternate Facility (or Generator)				U.S. EPA ID Number				
Facility's Phone:								
17c. Signature of Alternate Facility (or Generator)				Signature		Month	Day	Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a								
Printed/Typed Name				Signature		Month	Day	Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
5. Generator's Name and Mailing Address MSD Masadu P.O. Box 122336 San Diego, CA 92112 (619) 230-8448			Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA 92105		
Generator's Phone:					
6. Transporter 1 Company Name			U.S. EPA ID Number		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welmas Drive Mecca, Ca. 92254			U.S. EPA ID Number		
Facility's Phone:			760-396-0222		
			CAR000157206		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. PCS - Petroleum Contaminated Soil		001	D T	18	Y
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702 TRK# ZZO					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name		Signature		Month	Day Year
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit:			
Transporter Signature (for exports only):		Date leaving U.S.:			
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name		Signature		Month	Day Year
HARON BROOKS		[Signature]		06	7/10
Transporter 2 Printed/Typed Name		Signature		Month	Day Year
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)					
U.S. EPA ID Number					
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)					
Month Day Year					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name		Signature		Month	Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Waste Tracking Number 1512	
5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA. 92112 (619) 239-8448						Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA. 92105			
6. Transporter 1 Company Name AVALON 200 WASTE						U.S. EPA ID Number CAR000157206			
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welmas Drive Mecca, Ca. 92254						U.S. EPA ID Number CAR000157206			
Facility's Phone: 760-396-0222									
9. Waste Shipping Name and Description					10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
					No.	Type			
1.					001	DT	18	Y	
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name Jack Wilson						Signature [Signature]		Month Day Year 6/21/10	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.						Port of entry/exit: Date leaving U.S.:			
Transporter Signature (for exports only):									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name ROBERT BROWNING						Signature [Signature]		Month Day Year 6/21/10	
Transporter 2 Printed/Typed Name						Signature		Month Day Year	
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Manifest Reference Number:									
17b. Alternate Facility (or Generator)						U.S. EPA ID Number			
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator)						Signature		Month Day Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name						Signature		Month Day Year	

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of	3. Emergency Response Phone		4. Waste Tracking Number C10		
5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA. 92112 (619) 239- 8448					Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA. 92105				
6. Transporter 1 Company Name Mountain Materials					U.S. EPA ID Number CAR000198828				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welmas Drive Mecca, Ca. 92254					U.S. EPA ID Number CAR000157206				
9. Waste Shipping Name and Description					10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
					No.	Type			
1. PCS -- Petroleum Contaminated Soil					001	D T	18	Y	
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name Bob Kimball - Agent					Signature <i>[Signature]</i>		Month 10	Day 21	Year 10
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name James Rodriguez					Signature <i>[Signature]</i>		Month 10	Day 21	Year 10
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Manifest Reference Number:									
17b. Alternate Facility (or Generator) U.S. EPA ID Number									
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator) Month Day Year									
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name					Signature		Month	Day	Year

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Waste Tracking Number		
5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA 92112 (619) 239-8449				Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA 92105						
Generator's Phone:										
6. Transporter 1 Company Name Mountain Materials				U.S. EPA ID Number CAR000192878						
7. Transporter 2 Company Name				U.S. EPA ID Number						
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welmas Drive Mecca, Ca. 92254				U.S. EPA ID Number 760-396-0222 CAR000157206						
Facility's Phone:										
9. Waste Shipping Name and Description				10. Containers		11. Total Quantity	12. Unit Wt./Vol.			
				No.	Type					
1. PCS - Petroleum Contaminated Soil				001	DT	18	Y			
2.										
3.										
4.										
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702										
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.										
Generator's/Officer's Printed/Typed Name Bel Kinsell - Agent				Signature Bel Kinsell				Month 05	Day 21	Year 10
15. International Shipments ☐ Import to U.S.				☐ Export from U.S.				Port of entry/exit: Date leaving U.S.:		
Transporter Signature (for exports only):				Date leaving U.S.:						
16. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name LARRY RUSHING				Signature Larry Rushing				Month 6	Day 21	Year 10
Transporter 2 Printed/Typed Name				Signature				Month	Day	Year
17. Discrepancy										
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection										
Manifest Reference Number:										
17b. Alternate Facility (or Generator)				U.S. EPA ID Number						
Facility's Phone:										
17c. Signature of Alternate Facility (or Generator)				Month Day Year						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a										
Printed/Typed Name				Signature				Month	Day	Year

GENERATOR ↓ INT'L ↓ TRANSPORTER ↓ DESIGNATED FACILITY	NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number C13	
	5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA 92112 (619) 239-8448			Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA 92105		
	6. Transporter 1 Company Name Mountain Materials			U.S. EPA ID Number CAR000199878		
	7. Transporter 2 Company Name			U.S. EPA ID Number		
	8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welmas Drive Merca, Ca. 92254			U.S. EPA ID Number CAR000157206		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
		No.	Type			
1. PCS - Petroleum Contaminated Soil		001	D T	18	Y	
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702 018						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Generator's/Officer's Printed/Typed Name Det. Kimball - Agent			Signature <i>[Signature]</i>		Month 11	Day 21
					Year 10	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____						
Transporter Signature (for exports only): _____ Date leaving U.S.: _____						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <i>[Signature]</i>			Signature <i>[Signature]</i>		Month 4	Day 21
					Year 10	
Transporter 2 Printed/Typed Name			Signature		Month	Day
					Year	
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Manifest Reference Number: _____						
17b. Alternate Facility (or Generator)					U.S. EPA ID Number	
Facility's Phone: _____						
17c. Signature of Alternate Facility (or Generator)					Month	Day
					Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name			Signature		Month	Day
					Year	

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Waste Tracking Number	
5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA 92112 Generator's Phone: (619) 239-8448		Generator's Site Address (if different than mailing address) 113 1045 Broadway San Diego, CA 92105							
6. Transporter 1 Company Name Agustine Materials		U.S. EPA ID Number CAR000198828							
7. Transporter 2 Company Name		U.S. EPA ID Number							
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welmas Drive Mecca, Ca. 92254 Facility's Phone: 760-396-0222		U.S. EPA ID Number CAR000157206							
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity		12. Unit Wt./Vol.			
		No.	Type						
1. PCS - Petroleum Contaminated Soil		001	D T	18		Y			
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name Bob Kimball - Agent				Signature <i>[Signature]</i>		Month 11		Day 21	
15. International Shipments ☐ Import to U.S.		☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name [Signature]				Signature <i>[Signature]</i>		Month 11		Day 21	
Transporter 2 Printed/Typed Name				Signature		Month		Day	
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Manifest Reference Number:									
17b. Alternate Facility (or Generator)						U.S. EPA ID Number			
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator)						Month		Day	
18. Designated Facility Owner or Operator. Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name				Signature		Month		Day	
Year									

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number <i>611</i>		
5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA. 92112 (619) 239-8448				Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA. 92105				
6. Transporter 1 Company Name <i>Mountain Materials</i>				U.S. EPA ID Number <i>CAR00019825</i>				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welinas Drive Mecca, Ca. 92254				U.S. EPA ID Number <i>CAR000157206</i>				
Facility's Phone: <i>760-396-0222</i>								
9. Waste Shipping Name and Description				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
				No.	Type			
1. PCS - Petroleum Contaminated Soil				001	D T	18	Y	
2.								
3.								
4.								
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702								
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.								
Generator's/Officer's Printed/Typed Name <i>Bob Kimball - Agent</i>				Signature <i>[Signature]</i>		Month <i>11</i>	Day <i>21</i>	Year <i>10</i>
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
16. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <i>Mountain Materials</i>				Signature <i>[Signature]</i>		Month <i>6</i>	Day <i>21</i>	Year <i>10</i>
Transporter 2 Printed/Typed Name				Signature		Month	Day	Year
17. Discrepancy								
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection								
Manifest Reference Number:								
17b. Alternate Facility (or Generator)				U.S. EPA ID Number				
Facility's Phone:								
17c. Signature of Alternate Facility (or Generator)						Month	Day	Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a								
Printed/Typed Name				Signature		Month	Day	Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Waste Tracking Number 015		
5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA 92112 (619) 239-8448						Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA 92105				
Generator's Phone:										
6. Transporter 1 Company Name Mountain Hazardous						U.S. EPA ID Number CAR000157206				
7. Transporter 2 Company Name						U.S. EPA ID Number				
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Walmar Drive Mecca, Ca. 92254						U.S. EPA ID Number 760-396-0222 CAR000157206				
Facility's Phone:										
9. Waste Shipping Name and Description						10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
						No.	Type			
1. PCS -- Petroleum Contaminated Soil						001	DT	18	Y	
2.										
3.										
4.										
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702 TRK# Z20										
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.										
Generator's/Officer's Printed/Typed Name Bob Kimball, Agent						Signature [Signature]		Month Day Year 11 21 11		
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.						Port of entry/exit: Date leaving U.S.:				
Transporter Signature (for exports only):										
16. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name AARON BROOKS						Signature [Signature]		Month Day Year 06 21 10		
Transporter 2 Printed/Typed Name						Signature		Month Day Year		
17. Discrepancy										
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection										
Manifest Reference Number:										
17b. Alternate Facility (or Generator)						U.S. EPA ID Number				
Facility's Phone:										
17c. Signature of Alternate Facility (or Generator)						Month Day Year				
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a										
Printed/Typed Name						Signature		Month Day Year		

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Waste Tracking Number C16	
5. Generator's Name and Mailing Address MSD Mesaada P.O. Box 122336 San Diego, CA. 92112 (619) 239-8448				Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA. 92105					
6. Transporter 1 Company Name Mountain Materials				U.S. EPA ID Number CAR000155828					
7. Transporter 2 Company Name				U.S. EPA ID Number					
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welmar Drive Mecca, Ca. 92254				U.S. EPA ID Number CAR000157206					
Facility's Phone: 760-396-0222									
9. Waste Shipping Name and Description				10. Containers		11. Total Quantity	12. Unit Wt./Vol.		
				No.	Type				
1. PCS - Petroleum Contaminated Soil				001	D T	18	Y		
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name Bob Kimball - Agent				Signature Bob Kimball		Month Day Year 06 21 10			
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.				Port of entry/exit: Date leaving U.S.:					
Transporter Signature (for exports only):									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name ROBERT BROWN				Signature Robert Brown		Month Day Year 06 21 10			
Transporter 2 Printed/Typed Name				Signature		Month Day Year			
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Manifest Reference Number:									
17b. Alternate Facility (or Generator)				U.S. EPA ID Number					
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator)				Month Day Year					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name				Signature		Month Day Year			

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Waste Tracking Number C17	
5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA. 92112				Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA. 92105					
Generator's Phone:				6. Transporter 1 Company Name II		U.S. EPA ID Number II			
7. Transporter 2 Company Name West Coast Sand & Gravel				U.S. EPA ID Number CAD982347627					
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welinas Drive Mecca, Ca. 92254				Facility's Phone: 760-396-0222		U.S. EPA ID Number CAR000157206			
9. Waste Shipping Name and Description				10. Containers		11. Total Quantity	12. Unit Wt./Vol.		
				No.	Type				
1. PCS - Petroleum Contaminated Soil				001	D T	18	Y		
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Offor's Printed/Typed Name Del Kimball - Agent				Signature <i>[Signature]</i>		Month 11		Day 21	
						Year 10			
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.				Port of entry/exit: Date leaving U.S.:					
Transporter Signature (for exports only):									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name James Jasper				Signature <i>[Signature]</i>		Month 11		Day 21	
						Year 10			
Transporter 2 Printed/Typed Name James Jasper				Signature <i>[Signature]</i>		Month 11		Day 21	
						Year 10			
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Manifest Reference Number:									
17b. Alternate Facility (or Generator)				U.S. EPA ID Number					
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator)						Month 11		Day 21	
						Year 10			
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name				Signature		Month 11		Day 21	
						Year 10			

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number 018	
5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA. 92112 (619) 239- 8448			Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA. 92105			
6. Transporter 1 Company Name West Coast Sand & Gravel			U.S. EPA ID Number CAD982347627			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welinas Drive Mecca, Ca. 92254			U.S. EPA ID Number CAR000157206			
Facility's Phone: 760-396-0222						
9. Waste Shipping Name and Description			10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
1. PCS - Petroleum Contaminated Soil			001	D T	18	Y
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Generator's/Officer's Printed/Typed Name Bob Kimball - Agent			Signature 		Month 01	Day Year 22 10
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Victor Zaragoza			Signature Victor Z.		Month 6	Day Year 22 10
Transporter 2 Printed/Typed Name			Signature		Month	Day Year
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number						
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator) Month Day Year						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name			Signature		Month	Day Year

GENERATOR

INTL

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number C19	
5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA. 92112 (619) 239- 8448				Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA. 92105			
6. Transporter 1 Company Name West Coast Sand & Gravel				U.S. EPA ID Number CA0982747127			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welmas Drive Mecca, Ca. 92254				U.S. EPA ID Number CAR000157206			
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.		
		No.	Type				
1. PCS -- Petroleum Contaminated Soil		001	D T	18	Y		
2.							
3.							
4.							
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702							
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.							
Generator's/Offoror's Printed/Typed Name Bob Kimball - Agent				Signature [Signature]		Month Day Year 06 22 10	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
16. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name				Signature		Month Day Year	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
17. Discrepancy							
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
Manifest Reference Number:							
17b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone:							
17c. Signature of Alternate Facility (or Generator)				Month Day Year			
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a							
Printed/Typed Name				Signature		Month Day Year	

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Waste Tracking Number 020	
5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA. 92112 (619) 239-8448				Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA. 92105					
Generator's Phone:				U.S. EPA ID Number					
6. Transporter 1 Company Name				U.S. EPA ID Number					
7. Transporter 2 Company Name				U.S. EPA ID Number					
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welmas Drive Mecca, Ca. 92254				Facility's Phone: 760-396-0222		U.S. EPA ID Number CAR000157206			
9. Waste Shipping Name and Description				10. Containers		11. Total Quantity	12. Unit Wt./Vol.		
				No.	Type				
1. PCS - Petroleum Contaminated Soil				001	D T	18	Y		
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702 218									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name				Signature				Month Day Year	
Bob K... ..				Bob K...				11 22 10	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name				Signature				Month Day Year	
Bob Summers				Bob Summers				11 22 10	
Transporter 2 Printed/Typed Name				Signature				Month Day Year	
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Manifest Reference Number:									
17b. Alternate Facility (or Generator) U.S. EPA ID Number									
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator) Month Day Year									
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name				Signature				Month Day Year	

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number C21	
5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA 92112 (619) 239-8448				Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA 92105			
6. Transporter 1 Company Name Mountain Materials				U.S. EPA ID Number CAR 060198838			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welmas Drive Mecca, Ca. 92254				U.S. EPA ID Number CAR000157206			
9. Waste Shipping Name and Description				10. Containers		11. Total Quantity	12. Unit Wt./Vol.
				No.	Type		
1. PCS - Petroleum Contaminated Soil				001	D T	18	Y
2.							
3.							
4.							
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702							
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.							
Generator's/Offoror's Printed/Typed Name Bob Kimbell - Agent				Signature <i>[Signature]</i>		Month 06	Day 22
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.				Port of entry/exit: Date leaving U.S.:			
16. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name James Pendergast				Signature <i>[Signature]</i>		Month 06	Day 22
Transporter 2 Printed/Typed Name				Signature		Month	Day
17. Discrepancy							
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
Manifest Reference Number:							
17b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
17c. Signature of Alternate Facility (or Generator) Month Day Year							
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a							
Printed/Typed Name				Signature		Month	Day

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number <i>1000 H 022</i>	
5. Generator's Name and Mailing Address MSD Masada P.O. Box 122336 San Diego, CA. 92112			Generator's Site Address (if different than mailing address) 1045 Broadway San Diego, CA. 92105			
Generator's Phone: (619) 239-8448						
6. Transporter 1 Company Name <i>Mountain Materials</i>			U.S. EPA ID Number <i>CAR00019835</i>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Western Environmental Inc. 62-150 Gene Welton Drive Mecca, Ca. 92254			U.S. EPA ID Number CAR000157206			
Facility's Phone: 760-396-0222						
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
		No.	Type			
1. PCS - Petroleum Contaminated Soil		001	D T	18	Y	
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information Wear appropriate protective equipment Approval # 20101701/WEI1702						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Generator's/Officer's Printed/Typed Name <i>P.L. Kimball - Agent</i>			Signature <i>[Signature]</i>		Month <i>11</i>	Day <i>22</i>
					Year <i>10</i>	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <i>Prince Dodds</i>			Signature <i>[Signature]</i>		Month <i>10</i>	Day <i>27</i>
					Year <i>10</i>	
Transporter 2 Printed/Typed Name			Signature		Month	Day
					Year	
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Manifest Reference Number:						
17b. Alternate Facility (or Generator)					U.S. EPA ID Number	
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator)					Month	Day
					Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name <i>[Signature]</i>			Signature <i>[Signature]</i>		Month	Day
					Year	

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 023	
5. Generator's Name and Mailing Address MSD MASADA PO BOX 122316 SAN DIEGO CA 92116				Generator's Site Address (if different than mailing address) 1045 BROADWAY SAN DIEGO CA 92105			
Generator's Phone: 619 439-8448							
6. Transporter 1 Company Name MOUNTAIN MATERIALS INC				U.S. EPA ID Number CAR000198838			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address WESTERN ENVIRONMENTAL INC 62-150 GENE MELMAS DRIVE MIRCA CA 92251				U.S. EPA ID Number CAR000157206			
Facility's Phone: 760 396-0242							
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.		
		No.	Type				
1. ECO-PETROLEUM CONTAMINATED SOIL			DT	10	Y		
2.							
3.							
4.							
13. (Special Handling Instructions and Additional Information) VEHICLE EQUIPMENT APPROVAL #0101101/M011702							
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.							
Generator's/Officer's Printed/Typed Name Bubkin, J. Agor				Signature [Signature]		Month Day Year 11 24 10	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.				Port of entry/exit: Date leaving U.S.:			
Transporter Signature (for exports only):							
16. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name T. LUCE				Signature [Signature]		Month Day Year 11 24 10	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
17. Discrepancy							
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
Manifest Reference Number:							
17b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone:							
17c. Signature of Alternate Facility (or Generator)				Month Day Year			
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a							
Printed/Typed Name				Signature		Month Day Year	