LIMITED PHASE II ENVIRONMENTAL SITE SAMPLING REPORT

2100 Martin Luther King Jr. Way
Oakland
California

FOR

EAH Housing
2169 East Francisco Boulevard, Suite EAH
San Rafael, CA 94901

June 27, 2011
11-ENV2257

655 12TH STREET, #126 • OAKLAND, CA • 94607 • TEL / FAX 510-834-9099 / 9098

basics
ENVIRONMENTAL

June 27, 2011
11-ENV2257

EAH Housing
2169 East Francisco Boulevard, Suite EAH
San Rafael, CA 94901
Attention: Mr. Benny Kwong

Subject: Limited Phase II Environmental Site Sampling Report
2100 Martin Luther King Jr. Way
Oakland, California 94612

Dear Mr. Wong:

Basics Environmental, Inc. (Basics) is pleased to present the results of a Limited Phase II Environmental Site Sampling Report for the site located at 2100 Martin Luther King Jr. Way in Oakland, California.

Soil samples were collected within the areas of a proposed podium 4-story building with associated sub level garage and proposed 3-story building with pad at grade. Arsenic was detected in one soil sample collected at a depth of 0.5 feet bgs at a concentration that is considered to not be a natural background concentration and that is also above conservative regulatory screening guidance criteria. Sample results exceeding conservative regulatory screening guidance criteria indicate that an unacceptable level of risk may exist and that additional evaluation of risk may be warranted. As such, Basics recommends that a copy of this report be sent to the local regulatory enforcing agency (Cal EPA Department of Toxic Substance Control, and/or Alameda County Environmental Health Services Agency) for review.

Should you have any questions regarding this report, please contact the undersigned.

Sincerely,

Basics Environmental, Inc.

Donavan G. Tom, M.B.A., R.E.A. II
Principal Consultant

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PROFESSIONAL CERTIFICATION

LIMITED ENVIRONMENTAL SITE SAMPLING REPORT
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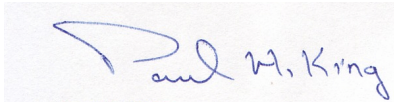
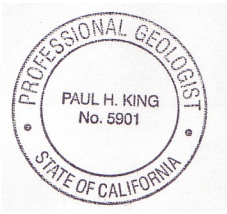
This report has been prepared by the staff of Basics Environmental, Inc. (Basics) under the professional supervision of the Principal Consultant whose seal and signature appears hereon. The findings, interpretations of data, recommendations, specifications or professional opinions are presented within the limits prescribed by available information at the time the report was prepared, in accordance with generally accepted professional environmental practice and within the requirements by the Client. There is no other warranty, either expressed or implied.

The data and findings of this report are based on the data and information obtained from the agreed upon scope of work between Basics and the Client. Because contamination is not necessarily evenly distributed across the property's soils and ground water, it can easily remain undetected and geology may control the subsurface distribution of contamination. Additional scope of services including geologic interpretation (at greater cost) may or may not disclose information which may significantly modify the findings of this report. We accept no liability on completeness or accuracy of the information presented and or provided to us, or any conclusions and decisions which may be made by the Client or others regarding the subject site.

This report was prepared solely for the benefit of Basic's Client. Basics consents to the release of this report to third parties involved in the evaluation of the property for which the report was prepared, including without limitation, lenders, title companies, public institutions, attorneys, and other consultants. However, any use of or reliance upon this report shall be solely at the risk of such party and without legal recourse against Basics, or its subcontractors, affiliates, or their respective employees, officers, or directors, regardless of whether the action in which recovery of damage is sought is based upon contract, tort (including the sole, concurrent or other negligence and strict liability of Basics), statute or otherwise. This report shall not be used or relied upon by a party that does not agree to be bound by the above statements.





Donavan G. Tom, R.E.A. II
Principal Consultant

Paul H. King, P.G. #5901
Associate Consultant (Expires 12/31/11)

1.0 INTRODUCTION

1.1 Purpose of Assessment

Basics Environmental, Inc. (Basics) has performed this Limited Phase II Environmental Site Sampling Report (Phase II) for EAH Housing pursuant to our signed agreement on May 16, 2011 and associated with a property transaction. The "subject site" is at 2100 Martin Luther King Jr. Way, Oakland, California (See Drawing 1). An aerial photograph of the subject site is attached as Drawing 2. A site plan showing subject site features is attached as Drawing 3.

1.2 Background

On the basis of the information compiled within a Phase I Environmental Site Assessment, prepared for the subject site by Basics dated May 18, 2011, the following historical information was uncovered for the subject site.

During the 1880s, the southeast portion of the subject site was shown improved with four one-story residential dwellings (original addresses of 566, 568, 572 and 576 Hobart Street (current 21st Street)) during the 1880s. The south center portion of the subject site was shown improved with a two-story clergy building to the north (original address 2100 Grove Street, Building A (current Martin Luther King Jr. Way). The southwest portion of the subject site was shown improved with a one-story church/cathedral building with four-story tower (original address 2100 Grove Street, Building B (current Martin Luther King Jr. Way). The north portion of the subject site was shown improved with a two-story school building with basement and rear lot (original address 2100 Grove Street, Building C (current Martin Luther King Jr. Way) and one-story residential dwelling (original address of 577 Jones Street (current 22nd Street). Buildings A, B & C were noted to be occupied by St. Francis De Sales.

In 1916, the south center portion of the subject site was redeveloped with an “L-shaped” three-story clergy building with basement (634 21st Street). An associated 3-car garage was developed in 1943.

Sometime between 1952 and 1957, the north portion of the subject site was redeveloped with a large “L-shaped” two-story school building with basement (2128 Grove Street (current Martin Luther King Jr. Way)).

Around 1960-1961, the residential dwellings at 616-620 21st Street were replaced by a paved playground.

In 1977, the north portion of the subject site is shown redeveloped with a paved parking lot and two new Parish Center buildings (635 22nd Street).

In 1993 the cathedral was demolished.

Sometime between 1993 and 2000, a small portable building was developed on the southwest portion of the subject site.

In 2008, the two Parish Center buildings (635 22nd Street) and small portable building were removed from the subject site.

Based on the historical information reviewed, the subject site has been utilized as a church, religious school, community center, residential dwellings and rectory/clergy building. Since approximately 2003 the site has been vacant. The occupation by the tenants listed within the historical references reviewed during this time frame do not appear to have a high potential for business activities indicative to the use, storage and/or treatment of hazardous materials.

Currently, baseline environmental sampling and analysis on existing soil is requested at the subject site in anticipation for the excavation for a proposed building and associated sub level garage.

As such, Basics was authorized to perform limited environmental site sampling in representative areas of the proposed excavations to assess potential subsurface environmental impacts from typical chemical of concern.

1.3 Scope of Work

To address the site-specific suspect areas of concern, Basics proposed the following Limited Phase II Environmental Site Sampling approach to preliminarily assess potential environmental impacts from the identified recognized environmental conditions.

- Under the direction of a California Registered Environmental Assessor II and California Professional Geologist, at least six shallow exploratory borings were to be advanced at the subject site (designated as B1, B2, B3, B4, B5 and G3).

  Based on discussions with the client, Basics was directed to advance three soil borings (B1, B2 and B3) at the west side of the subject site within the area of the proposed podium 4-story building and associated sub level garage to screen for potential residual environmental impacts from typical chemicals of concern.

  Based on discussions with the client, Basics was directed to advance two soil borings (B4 and B5) to be advanced at the east side of the subject site within the area of the proposed 3-story building with pad at grade to screen for potential residual environmental impacts from typical chemicals of concern.

  A soil sample was to be collected within the native soil at approximately one, five and ten feet below the ground surface (bgs) at locations B1, B2 and B3, and at a depth of five feet bgs at locations B4 and B5. If deemed warranted from visual observations of the samples, additional soil samples were to be collected from the exploratory boring(s), if encountered.

  Based on discussions with the client, Basics was directed to advance one soil boring (G3) to provide soil core samples to Fugro Consultants, Inc. for the purposes of geotechnical analytical testing. Two other cores samples (G1 and G2) were also to be collected from borings B4 and B5 to provide soil core samples to Fugro Consultants, Inc. for the purposes of geotechnical analytical testing.

- The samples were to be collected, labeled, placed in a cooler with ice, and transported with Chain of Custody documentation to McCampbell Analytical Laboratory, a State-accredited laboratory with the Department of Toxic Substances Control (DTSC) of the California Environmental Protection Agency, for analysis; and

- All soil samples were to be analyzed for typical chemicals of concern deemed to include: Total Recoverable Petroleum Hydrocarbons as gasoline, diesel, kerosene, stoddard solvent, motor oil and bunker oil (TRPH-g/d/k/ss/mo/bo); Volatile Organic Compounds (VOCs) and CAM 17 heavy metals.

The work for this Limited Phase II Environmental Site Sampling was performed within the client-approved scope of work and budget for the assessment. It should be noted that this scope of work only screens the potential of inadvertent discharges of typical constituents of concern as defined by the client and Basics and not the presence of undocumented underground storage tanks. Based on the visual site inspection, no obvious evidence of undocumented underground storage tanks and/or associated appurtenances have been noted for the subject site. If future plans include the major redevelopment of the subject site, a search for any unforeseen underground storage tanks and/or collection of additional soil samples and ground water samples may be warranted.

1.4 Permits and Regulatory Compliance

Agencies were contacted prior to the beginning of this work and the permits necessary to proceed were obtained. Permits and/or approvals were obtained from the following agencies:

- Alameda County Public Works Agency – Water Resources Well Permit# W2011-0352; and
- Underground Services Alert (U.S.A.), U.S.A. Ticket # 165808.

2.0 SOIL SAMPLING

2.1 Field Activities

2.1.1 Limited Subsurface Investigation

On June 9, 2011, six soil borings were advanced by Vironex, Inc. of Concord, California under the direction of a California Registered Environmental Assessor II and Professional Geologist. The borings were specifically intended to sample the shallow subsurface soil. The targeted areas of concern are shown on Drawing 2 and include the following:

- Three borings (B1, B2 and B3) were advanced at the west side of the subject site within the area of the proposed podium 4-story building and associated sub level garage;
- Two borings (B4 and B5) were advanced at the east side of the subject site within the area of the proposed 3-story building with pad at grade; and
- One boring (G3) was advanced in the vicinity of borings B4 and B5.

Prior to drilling activities, a representative of Basics performed an inspection of the facility. Boring locations were based on proposed building plans provided and mutual discussions with the client.

The sampling locations were marked at the site with white paint and cleared with U.S.A. prior to drilling activities. Vironex utilized Geoprobe® 6600 Direct Penetration Technology (DPT) drilling methods for borings B1 through B5 and G3. DPT uses dry impact methods to drive boring tools into the subsurface. A soil sample was collected in a 2-inch diameter, five foot long steel continuous core sampler. Transparent polyvinyl chloride (PVC) soil liners were utilized within the inner sample barrel. PVC soil liners are inert to petroleum hydrocarbons, metals, solvents, pesticides and most hazardous substances (except high levels of phenols). At each of the boring locations, after advancing both the drive-casing and sample barrel five feet, the sampler was removed from the borehole, and the sample tube removed from the sampler. Selected sections of the sample tube were then cut from the targeted depths and the ends of the

selected section of tube were sequentially sealed with Teflon tape and plastic endcaps. Each selected section of tube was then sealed and labeled for analytical purposes and stored in a cooler with ice pending delivery to the laboratory; the remainder of the soil from each borehole was evaluated for field characterization. The drive-casing and sample barrel were advanced in this manner until the total depth of each borehole was reached.

Soil samples from boreholes B1, B2 and B3 were retrieved from the discrete depths of approximately 0.5 to 1.0, 4.5 to 5.0, and 9.5 to 10.0 feet bgs within the native soil or fill material encountered in the boreholes.

Soil samples from boreholes B4, B5 were retrieved from the discrete depths of approximately 4.5 to 5.0 feet bgs within the native soil encountered in the boreholes.

Soil samples from borehole G3 were retrieved from the discrete depths of approximately 2.5 to 3.0 and from 4.0 to 4.5 feet bgs within the native soil encountered in the borehole.

B1, B2 and B3 each were advanced to a total depth of approximately 10.0 feet bgs for soil sampling purposes. B3, B4 and G3 each were advanced to a total depth of approximately 5.0 feet bgs for soil sampling purposes. Subsurface materials were identified and evaluated based on the continuous cores from the boreholes and relative drilling difficulty. The soil from all of the borings was logged in the field in accordance with standard geologic field techniques and the Unified Soil Classification System. All of the soil was evaluated with a 10.6 eV Photoionization Detector (PID) calibrated using a 100 ppm isobutylene standard. No petroleum hydrocarbon or solvent odors were detected in borehole B1 through B5 and G3. The subsurface materials encountered in the boreholes consisted predominantly of clay and silt, with silty sand or sand encountered in borehole B1 between the ground surface and a depth of 4.0 feet bgs, in B4 between the depths of 4.0 and 5.0 feet bgs, and in borehole B5 between the ground surface and a depth of 2.0 feet bgs. Fill material containing brick fragments was encountered in borehole B3 between the ground surface and the depth of 5.5 feet bgs. Groundwater was not encountered during drilling within any of the boreholes. Copies of the boring logs are attached with this report as Appendix A.

Following soil sample collection, the boreholes were backfilled to the surface with neat cement slurry using a tremie pipe. The drill cuttings were placed in a 5-gallon bucket, which was labeled and stored at the site pending receipt of the laboratory analysis. Mr. Steve Miller with the Alameda County Public Works Agency was on site to observe and document placement of the cement slurry.

Once retained for laboratory analysis, all samples were maintained under chain of custody until delivered to the laboratory. The soil samples were subsequently delivered to McCampbell Analytical Laboratory, Inc. in Pittsburg, California, a State-accredited laboratory. The soil samples collected for geotechnical purposes were provided directly to Fugro Consultants, Inc.

3.0 CHEMICAL ANALYSES AND RESULTS

3.1 Chemical Analyses

Each of the soil samples retained from each of the soil borings (except for soil samples from G3) were analyzed for the following:

- Multi-Range Total Petroleum Hydrocarbons as gasoline, diesel, kerosene, Stoddard solvent, motor oil and bunker oil (TPH-g/d/k/ss/mo/bo) using EPA Method 3550 or 3510 in conjunction with Modified EPA Method 8015;
- VOCs using EPA Method SW8260B; and
- CAM 17 Heavy Metals (EPA Method SW3050B/6020A).

3.2 Analytical Results

Results of chemical analyses for the samples collected on June 9, 2011 are presented in Tables 1 through 3. Certified laboratory reports are presented in Appendix B, including chain-of-custody documentation.

Table 1. Soil Analytical Results - Petroleum Hydrocarbons

Sample ID	Depth Feet	TPH-g mg/kg	TPH-d mg/kg	TPH-k mg/kg	TPH-ss mg/kg	TPH-mo mg/kg	TPH-bo mg/kg
B1	0.5	ND < 1.0	2.5	1.4	ND < 1.0	7.5	9.7
B1	4.5	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 5.0	ND < 2.0
B1	9.5	ND < 1.0	ND < 1.0	1.4	ND < 1.0	ND < 5.0	ND < 2.0
B2	0.5	ND < 1.0	5.9	3.2	ND < 1.0	7.8	9.9
B2	4.5	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 5.0	ND < 2.0
B2	9.5	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 5.0	ND < 2.0
B3	0.5	ND < 1.0	4.5	2.0	ND < 1.0	15	20
B3	4.5	ND < 1.0	2.4	1.1	ND < 1.0	6.8	6.9
B3	9.5	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 5.0	ND < 2.0
B4	4.5	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 5.0	ND < 2.0
B5	4.5	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 5.0	ND < 2.0
ESL[1]		83	83	83	83	2,500	2,500
ESL[2]		83	83	83	83	5,000	5,000

ND means not detected above the reporting limit.
(1)ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels Table A – Shallow Soils (≤3m bgs) Groundwater IS Current or Potential Source of Drinking Water – Commercial/Industrial Land Use, updated May 2008.
(2)ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels Table C – Deep Soils (>3m bgs) Groundwater IS Current or Potential Source of Drinking Water – Commercial/Industrial Land Use, updated May 2008.
Bold means levels above respective ESLs.
All sample and ESL values are in mg/kg.

Table 2. Soil Analytical Results – Volatile Organic Compounds

Sample ID	Depth Feet	VOCs mg/kg
B1	0.5	ND < 0.005 to 0.1
B1	4.5	ND < 0.005 to 0.1
B1	9.5	ND < 0.005 to 0.1
B2	0.5	ND < 0.005 to 0.1
B2	4.5	ND < 0.005 to 0.1
B2	9.5	ND < 0.005 to 0.1
B3	0.5	ND < 0.005 to 0.1
B3	4.5	ND < 0.005 to 0.1
B3	9.5	ND < 0.005 to 0.1
B4	4.5	ND < 0.005 to 0.1
B5	4.5	ND < 0.005 to 0.1
ESL[1]		Variable
RSL[2]		Variable

No detectable amounts of volatile organic compounds were detected.
ND means not detected above the reporting limit.
(1)ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels Table A – Shallow Soils (≤3m bgs) Groundwater IS Current or Potential Source of Drinking Water – Commercial/Industrial Land Use, updated May 2008.
(2)RSL = U.S. EPA Regional Screening Levels Master Table, industrial soil, updated June 2011.
Bold means levels above respective ESLs or RSLs.
All sample and ESL and RSL values are in mg/kg.

Table 3. Soil Analytical Results - Inorganic Constituents (TTLC Extraction)

Sample ID	Depth Feet	Sb mg/kg	As mg/kg	Ba mg/kg	Be mg/kg	Cd mg/kg	$Cr^{(total)}$ mg/kg	Co mg/kg	Cu mg/kg	Pb mg/kg
B1	0.5	0.58	**8.8**	210	0.56	ND<0.25	57	13	61	17
B1	4.5	ND<0.5	1.4	170	0.54	ND<0.25	63	6.5	21	4.4
B1	9.5	ND<0.5	**4.3**	130	0.62	ND<0.25	69	9.0	20	6.3
B2	0.5	ND<0.5	**11**	230	ND<0.5	ND<0.25	28	10	86	10
B2	4.5	ND<0.5	**3.3**	220	0.81	ND<0.25	68	16	28	6.7
B2	9.5	ND<0.5	**5.5**	170	0.56	ND<0.25	58	8.1	23	6.0
B3	0.5	1.5	**28**	110	ND<0.5	0.43	13	7.3	22	30
B3	4.5	ND<0.5	1.5	81	ND<0.5	ND<0.25	30	4.8	5.8	12
B3	9.5	ND<0.5	**3.3**	95	0.52	ND<0.25	60	5.4	17	4.2
B4	4.5	ND<0.5	**2.2**	150	ND<0.5	ND<0.25	77	11	11	4.8
B5	4.5	ND<0.5	**2.1**	140	ND<0.5	ND<0.25	74	15	13	6.8
ESL^1		40	1.6	1,500	8.0	7.4	None	80	230	750
ESL^2		310	15	2,600	98	39	5,000	94	5,000	750
$TTLC^3$		500	500	10.000	75	100	2,500	8,000	2,500	1,000
10 X $STLC^4$		150	5	1,000	7.5	10	50	800	250	50

ND means not detected above the reporting limit.
(1)ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels Table A – Shallow Soils (≤3m bgs) Groundwater IS Current or Potential Source of Drinking Water – Commercial/Industrial Land Use, updated May 2008.
(2)ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels Table C – Deep Soils (>3m bgs) Groundwater IS Current or Potential Source of Drinking Water –
(3)TTLC = Total Threshold Limit Concentration from California Administration Code, Title 22.
(4)10X STLC = 10 times the Soluble Limit Concentration from California Administration Code, Title 22. Commercial/Industrial Land Use, updated May 2008.
Bold means levels above respective ESLs.
All sample and ESL values are in mg/kg

Table 3. Soil Analytical Results - Inorganic Constituents (TTLC Extraction) (cont.)

Sample ID	Depth Feet	Hg mg/kg	Mo mg/kg	Ni mg/kg	Se mg/kg	Ag mg/kg	Tl mg/kg	V mg/kg	Zn mg/kg
B1	0.5	0.12	0.84	70	ND<0.5	ND<0.5	ND<0.5	63	99
B1	4.5	ND<0.05	ND<0.5	53	ND<0.5	ND<0.5	ND<0.5	38	49
B1	9.5	ND<0.05	ND<0.5	79	ND<0.5	ND<0.5	ND<0.5	54	41
B2	0.5	0.093	0.92	27	ND<0.5	ND<0.5	ND<0.5	65	130
B2	4.5	ND<0.05	ND<0.5	98	ND<0.5	ND<0.5	ND<0.5	59	63
B2	9.5	0.058	ND<0.5	63	ND<0.5	ND<0.5	ND<0.5	56	41
B3	0.5	0.27	2.6	10	ND<0.5	0.65	ND<0.5	43	190
B3	4.5	0.070	ND<0.5	13	ND<0.5	ND<0.5	0.77	25	17
B3	9.5	ND<0.05	ND<0.5	63	ND<0.5	ND<0.5	ND<0.5	50	37
B4	4.5	0.097	ND<0.5	40	ND<0.5	ND<0.5	ND<0.5	50	39
B5	4.5	0.095	ND<0.5	38	ND<0.5	ND<0.5	ND<0.5	45	40
ESL[1]		10	40	150	10	40	16	200	600
ESL[2]		58	3,900	260	3,900	3,900	62	770	5,000
TTLC[3]		20	3,500	2,000	100	500	700	2,400	5,000
10 X STLC[4]		2.0	3,500	200	10	50	70	240	2,500

ND means not detected above the reporting limit.
(1)ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels Table A – Shallow Soils (≤3m bgs) Groundwater IS Current or Potential Source of Drinking Water – Commercial/Industrial Land Use, updated May 2008.
(2)ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels Table C – Deep Soils (>3m bgs) Groundwater IS Current or Potential Source of Drinking Water – Commercial/Industrial Land Use, updated May 2008.
(3)TTLC = Total Threshold Limit Concentration from California Administration Code, Title 22.
(4)10X STLC = 10 times the Soluble Limit Concentration from California Administration Code, Title 22.
Bold means levels above respective ESLs.
All sample and ESL values are in mg/kg.

4.0 DISCUSSION AND RECOMMENDATIONS

4.1 Discussion

4.1.1 Soil Samples

Based on the laboratory results of the soil samples reported herein, detectable amounts of multi range total petroleum hydrocarbons as diesel, kerosene, motor oil and bunker oil were detected within the soil samples collected at approximately 0.5 foot bgs in boreholes B1, B2 and B3 (west side of subject site) and at approximately 4.5 feet bgs at borehole B3. Detectable amounts of multi range total petroleum hydrocarbons as kerosene were also detected within the soil sample collected at approximately 9.5 foot bgs in borehole B1. No detectable amounts of multi range total petroleum hydrocarbons as gasoline or Stoddard solvent were detected within any of the soil samples collected.

The maximum concentrations of total petroleum hydrocarbons as diesel at 5.9 mg/kg and kerosene at 3.2 mg/kg were detected within the soil sample collected from B2 at approximately 0.5 foot bgs. The maximum concentrations of total petroleum hydrocarbons as motor oil at 15 mg/kg and bunker oil at 20 mg/kg were detected within the soil sample collected from B3 at approximately 0.5 foot bgs. These maximum concentrations are below the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) May 2008 ESLs for Table A shallow soil (≤3meters bgs) and for Table C deep soil (>3meters bgs) for industrial/commercial land use where groundwater is a current or potential source of drinking water. The ESL for TPH (middle distillates) which corresponds to the TPH-diesel, kerosene and Stoddard solvent results is 83 mg/kg for Tables A and Table C for commercial/industrial land use. The ESL for TPH (residual fuels) which corresponds to the TPH-motor oil and bunker oil results is 2,500 mg/kg for Table A for shallow soil and 5,000 mg/kg for Table C for deep soils for commercial/industrial land use.

No detectable amounts of VOCs and no concentrations of VOCs exceeding their respective regulatory screening levels were detected within any of the soil samples collected from borehole B1, B2, B3, B4 or B5.

Detectable concentrations of arsenic, barium, total chromium, cobalt, copper, lead, nickel, vanadium and zinc were encountered within all of the soil samples in boreholes B1 through B5. In addition, detectable concentrations of antimony, beryllium, cadmium, mercury, molybdenum, silver and thallium were detected in at least one of the soil samples from each borehole. Selenium was not detected in any of the soil samples. Review of Table 3 shows that all of the analytical results for all of the metals are below their corresponding Total Threshold Limit Concentration (TTLC) set forth by the California Administration Code, Title 22 (500 mg/kg for antimony, 500 mg/kg for arsenic, 10,000 mg/kg for barium, 75 mg/kg for beryllium, 2,500 mg/kg for total chromium, 8,000 mg/kg for cobalt, 2,500 mg/kg for copper, 1,000 mg/kg for lead, 20 mg/kg for mercury, 3,500 mg/kg for molybdenum, 2,000 mg/kg for nickel, 500 mg/kg for silver, 2,400 mg/kg for vanadium and 5,000 mg/kg for zinc), and therefore none of the detected metals concentrations cause the soil to be considered hazardous waste. None of the detected metals concentrations exceeded ten times their respective Soluble Threshold Limit Concentration (STLC) set forth by the California Administration Code, Title 22, and therefore none of the soil requires extraction for further waste characterization purposes (i.e. no Waste Extraction Test (WET) or Toxic Characteristic Leaching Procedure (TCLP) are needed) with the exception of soil sample results where total chromium concentrations exceeded 50 mg/kg, which would require additional analysis for hexavalent chromium.

All detected metal concentrations, with the exception of arsenic in each borehole are also below their respective applicable SFRWQCB May 2008 Table A and Table C ESLs for industrial/commercial land use where groundwater is a current or potential source of drinking water. Table A ESLs are 40 mg/kg for antinomy; 1.6 mg/kg for arsenic; 1,500 mg/kg for barium; 8.0 mg/kg for beryllium; 7.4 mg/kg for cadmium; 80 mg/kg for cobalt; 230 mg/kg for copper; 750 mg/kg for lead; 10 mg/kg for mercury; 40 mg/kg for molybdenum; 150 mg/kg for nickel; 40 mg/kg for silver; 16 mg/kg for thallium; 200 mg/kg for vanadium; and 600 mg/kg for zinc. There is no Table A ESL for total chromium. Table C ESLs are 310 mg/kg for antimony; 15 mg/kg for arsenic; 2,600 mg/kg for barium; 98 mg/kg for beryllium; 39 mg/kg for cadmium; 5,000 mg/kg for total chromium; 94 mg/kg for cobalt; 5,000 mg/kg for copper; 750 mg/kg for lead; 58 mg/kg for mercury; 3,900 mg/kg for molybdenum; 260 mg/kg for nickel; 3,900 mg/kg for silver; 62 mg/kg for thallium; 770 mg/kg for vanadium and 5,000 mg/kg for zinc.

The maximum concentrations of arsenic of 8.8, 11, 28, 2.2, and 2.1 mg/kg within B1, B2, B3, B4 and B5, respectively, were all above the SFRWQCB May 2008 Table A ESL for industrial/commercial land use where groundwater is a current or potential source of drinking water.

All of the detected metals concentrations are considered to be within the range of natural background concentrations, with the exception of the maximum concentration of arsenic of 28 mg/kg within B3 at a depth of 0.5 foot.

4.2 Recommendations

On the basis of the information obtained from soil samples collected from the depth of approximately 1, 5 and 10 feet bgs at the area of a proposed podium 4-story building and associated sub level garage (borings B1, B2 and B3); and soil samples collected from the depth of approximately 5 feet bgs at the area of a proposed 3-story building with pad at grade (borings B4 and B5) our findings indicate the following:

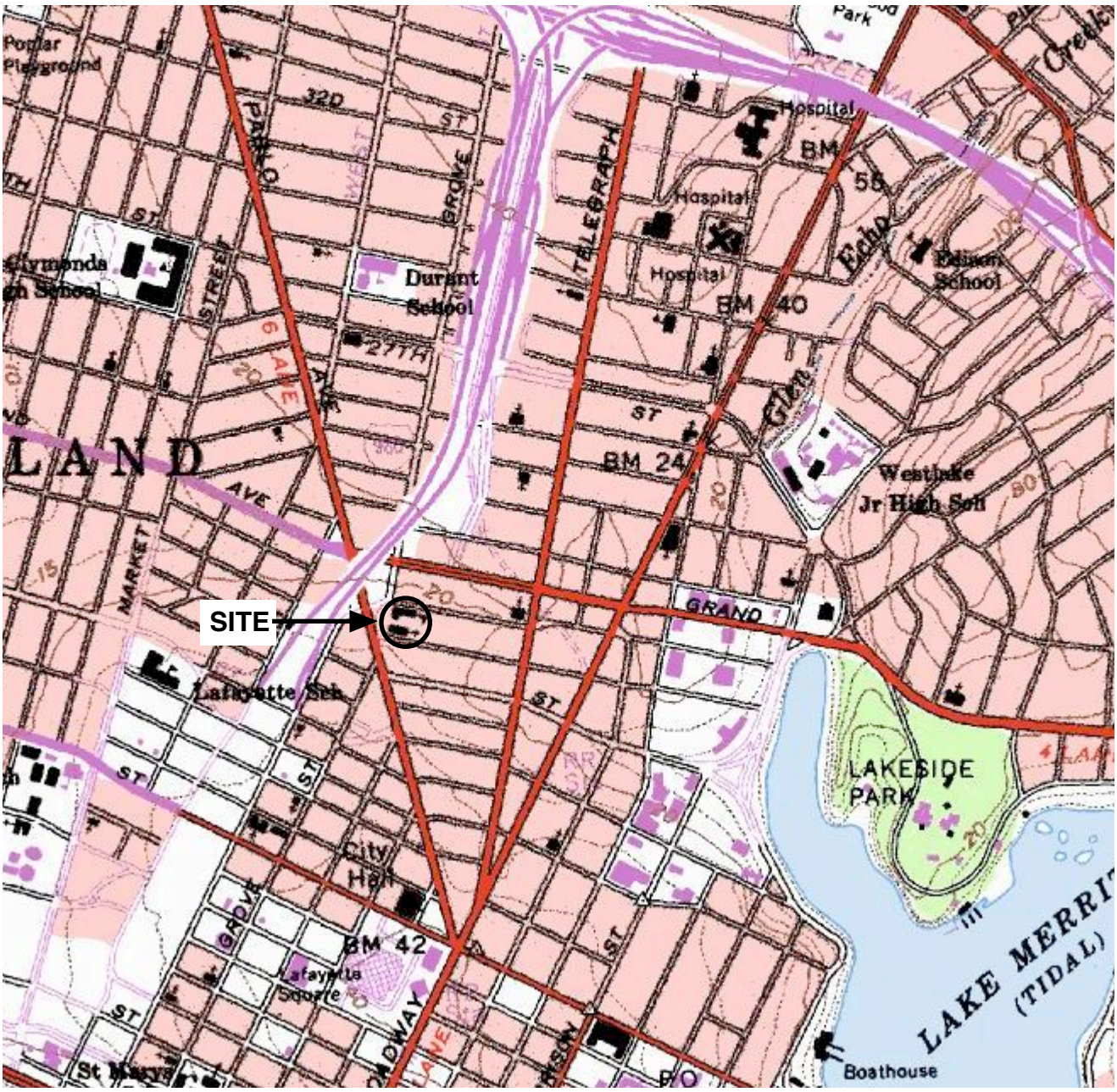
(1) Multi range total petroleum hydrocarbons as diesel, kerosene, motor oil and bunker oil were detected within the soil samples collected at a depth of approximately 0.5 foot bgs in boreholes B1, B2 and B3 (area of proposed podium 4-story building and associated sub level garage). In addition, detectable amounts of multi range total petroleum hydrocarbons as diesel, kerosene, motor oil and bunker oil were detected within the soil samples collected at approximately 9.5 feet bgs in borehole B3, and detectable amounts of multi range total petroleum hydrocarbons as kerosene were detected within the soil sample collected at approximately 9.5 feet bgs in borehole B1. However, the concentrations detected are below current conservative regulatory screening guidance criteria. As such, Basics recommends no further investigation at this time for these constituents.

(2) For soil disposal considerations, where total chromium concentrations exceeded 50 mg/kg, Basics recommends additional analysis for hexavalent chromium.

(3) Arsenic was detected in soil samples collected within B1, B2 and B3 (area of proposed podium 4-story building and associated sub level garage) and within B4 and B5 (area of proposed 3-story building with pad at grade) at concentrations which exceed the ESL for arsenic in shallow soil. However, the detected concentrations of arsenic in all of the soil samples are interpreted to be representative of naturally occurring background

concentrations with the exception of the maximum concentration of arsenic at 28 mg/kg detected within B3 at 0.5 foot bgs. Sample results exceeding ESL values indicate that an unacceptable level of risk may exist and that additional evaluation of risk may be warranted. As such, Basics recommends that a copy of this report be sent to the local regulatory enforcing agency (Cal EPA Department of Toxic Substance Control, and/or Alameda County Environmental Health Services Agency) for review.

Note: This report is issued with the understanding that it is the responsibility of the owner, or his representative, to ensure that the information contained herein is brought to the attention of the appropriate regulatory agencies, where required by law. Additionally, it is the sole responsibility of the owner to properly dispose of any hazardous materials or hazardous wastes left onsite, in accordance with existing laws and regulations.



Topographic Map Source:U.S. Geological Survey, 1980 Oakland West Quadrangle, California

Site Location

basics ENVIRONMENTAL

Off Haul Environmental Soil Sampling
2100 Martin Luther King Jr. Way
Oakland, California

PROJECT NO.
11-ENV2257

DRAWING NO.
1

0 50 100

APPROXIMATE SCALE IN FEET AS DETERMINED FROM GOOGLE MAPS

N

SITE ☐ Aerial Photo Source:U.S. Geological Survey & Google Maps

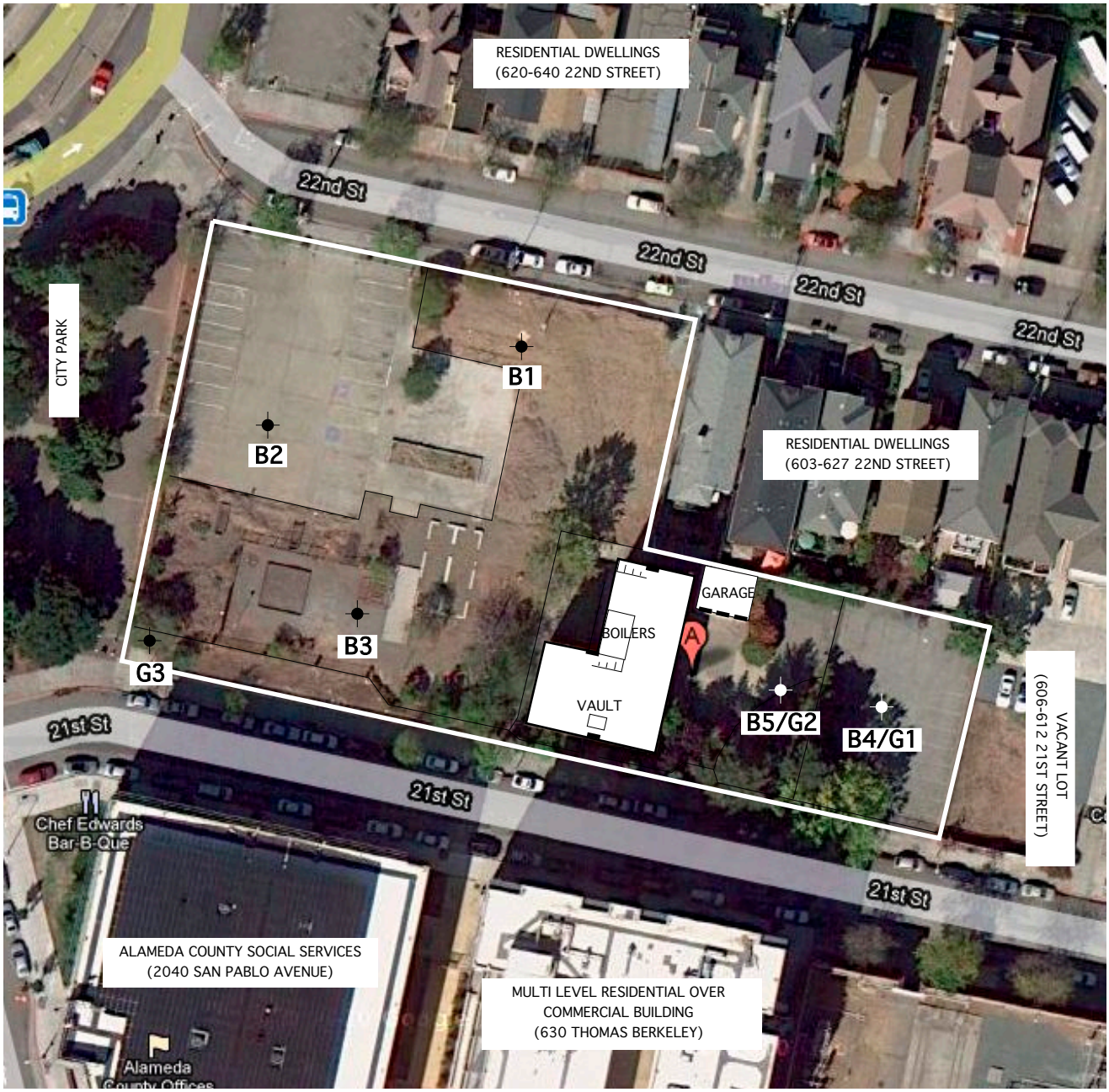
Aerial Photograph (2009)

basics ENVIRONMENTAL

Off Haul Environmental Soil Sampling
2100 Martin Luther King Jr. Way
Oakland, California

PROJECT NO.
11-ENV2257

DRAWING NO.
2



Soil Boring Locations

basics ENVIRONMENTAL

Off Haul Environmental Soil Sampling
2100 Martin Luther King Jr. Way
Oakland, California

PROJECT NO.
11-ENV2257

DRAWING NO.
3

P&D ENVIRONMENTAL, INC.

BORING NO.: B1	PROJECT NO.: 0553	PROJECT NAME: Basics - Cathedral Gardens, Oakland	
BORING LOCATION: Northeast area of western lot			ELEVATION AND DATUM: None
DRILLING AGENCY: Vironex	DRILLER: John	DATE & TIME STARTED: 6/9/11 0930	DATE & TIME FINISHED: 6/9/11 1130
DRILLING EQUIPMENT: Geoprobe 6600			
COMPLETION DEPTH: 10.0 Feet	BEDROCK DEPTH: Not Encountered	LOGGED BY: MLD	CHECKED BY: PHK
FIRST WATER DEPTH: Not Encountered	NO. OF SAMPLES: 3 Soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	BLOW COUNT PER 6"	WELL CONSTRUCTION LOG	PID	REMARKS
	0.0 to 4.0 ft. Dark brown silty sand (SM); loose, dry, with rootlets. No Petroleum Hydrocarbon (PHC) odor.	X SM		B1-0.5 No Well Constructed	0	Borehole continuously cored from 0.0 to 10.0 ft. using a 5.0-foot long 2.0-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 4.8-foot long 1.5-inch O.D. transparent PVC tubes. 0-5 ft 4.6 ft recovery 5-10 ft 4.8 ft recovery
5	4.0 to 6.0 ft. Light brown silt (ML); very stiff, dry, with black mottling. No PHC odor.	X ML		B1-4.5	0	No groundwater encountered in borehole.
	6.0 to 10.0 ft. Olive-brown clay (CL); very stiff, moist, with black mottling. No PHC odor.	CL			0	
10		X		B1-9.5		
15						Borehole grouted on 6/9/11 using a tremie pipe and neat cement grout. Mr. Steve Miller, with Alameda County Public Works Agency, was on site to observe and document grouting of the borehole.
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P&D ENVIRONMENTAL, INC.

BORING NO.: B2	PROJECT NO.: 0553	PROJECT NAME: Basics - Cathedral Gardens, Oakland	
BORING LOCATION: Western area of western lot			ELEVATION AND DATUM: None
DRILLING AGENCY: Vironex		DRILLER: John	DATE & TIME STARTED: 6/9/11 0830 / DATE & TIME FINISHED: 6/9/11 1130
DRILLING EQUIPMENT: Geoprobe 6600			
COMPLETION DEPTH: 10.0 Feet	BEDROCK DEPTH: Not Encountered		LOGGED BY: MLD / CHECKED BY: PHK
FIRST WATER DEPTH: Not Encountered	NO. OF SAMPLES: 3 Soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	BLOW COUNT PER 6"	WELL CONSTRUCTION LOG	PID	REMARKS
	0.0 to 0.5 ft. Concrete Aggregate (3-inches) and base rock (FILL).	FILL		B2-0.5	0	Borehole continuously cored from 0.0 to 10.0 ft. using a 5.0-foot long 2.0-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 4.8-foot long 1.5-inch O.D. transparent PVC tubes.
	0.5 to 3.0 ft. Dark olive-gray sandy clay (CL); stiff, moist, with some coarse angular gravel to 0.5-inch diameter and orange mottling. No Petroleum Hydrocarbon (PHC) odor.	CL		No Well Constructed		0-5 ft 4.8 ft recovery 5-10 ft 4.6 ft recovery
	3.0 to 6.0 ft. Olive-gray clay (CL); medium stiff, moist. No PHC odor.					
5				B2-4.5	0	No groundwater encountered in borehole.
	6.0 to 9.5 ft. Light brown silt (ML); very stiff, dry, with black and orange mottling. No PHC odor.	ML				
	9.5 to 10.0 ft. Olive-brown clay (CL); very stiff, moist, with black mottling. No PHC odor.	CL		B2-9.5	0	
10						Borehole grouted on 6/9/11 using a tremie pipe and neat cement grout. Mr. Steve Miller, with Alameda County Public Works Agency, was on site to observe and document grouting of the borehole.
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P&D ENVIRONMENTAL, INC.

BORING NO.: B3	PROJECT NO.: 0553	PROJECT NAME: Basics - Cathedral Gardens, Oakland	
BORING LOCATION: Southern area of western lot			ELEVATION AND DATUM: None
DRILLING AGENCY: Vironex	DRILLER: John	DATE & TIME STARTED: 6/9/11 0900	DATE & TIME FINISHED: 6/9/11 1130
DRILLING EQUIPMENT: Geoprobe 6600			
COMPLETION DEPTH: 10.0 Feet	BEDROCK DEPTH: Not Encountered	LOGGED BY: MLD	CHECKED BY: PHK
FIRST WATER DEPTH: Not Encountered	NO. OF SAMPLES: 3 Soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	BLOW COUNT PER 6"	WELL CONSTRUCTION LOG	PID	REMARKS
	0.0 to 4.0 ft. Orange-brown gravelly silty sand (FILL); loose, dry, with abundant coarse angular gravel to 0.5-inch diameter. No Petroleum Hydrocarbon (PHC) odor.	X FILL		B3-0.5 No Well Constructed	0	Borehole continuously cored from 0.0 to 10.0 ft. using a 5.0-foot long 2.0-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 4.8-foot long 1.5-inch O.D. transparent PVC tubes. 0-5 ft 4.6 ft recovery 5-10 ft 4.8 ft recovery
5	4.0 to 5.5 ft. Black sandy clay (FILL); soft, moist, with brick fragments.	X FILL		B3-4.5	0	
	5.5 to 8.0 ft. Olive-gray clay (CL); medium stiff, moist. No PHC odor.	CL				No groundwater encountered in borehole.
	8.0 to 10.0 ft. Olive-gray silt (ML); stiff, moist, with black mottling.	ML			0	
10		X		B3-9.5		
						Borehole grouted on 6/9/11 using a tremie pipe and neat cement grout. Mr. Steve Miller, with Alameda County Public Works Agency, was on site to observe and document grouting of the borehole.
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P&D ENVIRONMENTAL, INC.

BORING NO.: B4	PROJECT NO.: 0553	PROJECT NAME: Basics - Cathedral Gardens, Oakland	
BORING LOCATION: Approximately 100 ft. east of church rectory building			ELEVATION AND DATUM: None
DRILLING AGENCY: Vironex	DRILLER: John	DATE & TIME STARTED: 6/9/11 1015	DATE & TIME FINISHED: 6/9/11 1130
DRILLING EQUIPMENT: Geoprobe 6600			
COMPLETION DEPTH: 5.0 Feet	BEDROCK DEPTH: Not Encountered	LOGGED BY: MLD	CHECKED BY: PHK
FIRST WATER DEPTH: Not Encountered	NO. OF SAMPLES: 3 Soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	BLOW COUNT PER 6"	WELL CONSTRUCTION LOG	PID	REMARKS
	0.0 to 0.5 ft. Asphalt (3-inches) and base rock (FILL).	FILL		No Well Constructed	0	Borehole continuously cored from 0.0 to 5.0 ft. using a 5.0-foot long 2.0-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 4.8-foot long 1.5-inch O.D. transparent PVC tubes.
	0.5 to 1.5 ft. Dark olive-brown sandy clay (CL); medium stiff, moist, with orange mottling. No Petroleum Hydrocarbon (PHC) odor.	CL				
	1.5 to 4.0 ft. Dark grayish-brown silt (ML); medium stiff, moist. No PHC odor.	X ML		G1-2.5		0-5 ft 4.6 ft recovery
		X		G1-3.5		
	4.0 to 5.0 ft. Olive-gray fine sand (SP); medium dense, moist, with orange mottling.Increase in clay content from 4.5 to 5.0 ft.	X SP		B4-4.5	0	No groundwater encountered in borehole.
5						Borehole grouted on 6/9/11 using a tremie pipe and neat cement grout. Mr. Steve Miller, with Alameda County Public Works Agency, was on site to observe and document grouting of the borehole.
10						Soil samples G1-2.5 and G1-3.5 were collected for geotechnical evaluation.
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P&D ENVIRONMENTAL, INC.

BORING NO.: B5	**PROJECT NO.:** 0553	**PROJECT NAME:** Basics - Cathedral Gardens, Oakland	
BORING LOCATION: Approximately 50 ft. east of church rectory building		**ELEVATION AND DATUM:** None	
DRILLING AGENCY: Vironex	**DRILLER:** John	**DATE & TIME STARTED:** 6/9/11 1040	**DATE & TIME FINISHED:** 6/9/11 1130
DRILLING EQUIPMENT: Geoprobe 6600			
COMPLETION DEPTH: 5.0 Feet	**BEDROCK DEPTH:** Not Encountered	**LOGGED BY:** MLD	**CHECKED BY:** PHK
FIRST WATER DEPTH: Not Encountered	**NO. OF SAMPLES:** 3 Soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	BLOW COUNT PER 6"	WELL CONSTRUCTION LOG	PID	REMARKS
	0.0 to 2.0 ft. Orange-brown gravelly silty sand (SM); loose, dry, with coarse angular gravel to 0.5-inch diameter. No Petroleum Hydrocarbon (PHC) odor.	SM		No Well Constructed	0	Borehole continuously cored from 0.0 to 5.0 ft. using a 5.0-foot long 2.0-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 4.8-foot long 1.5-inch O.D. transparent PVC tubes.
	2.0 to 5.0 ft. Dark brown silty clay (CL); medium stiff, moist to wet. No PHC odor. Wet at 4.5 ft.	CL		G2-2.5	0	0-5 ft 4.6 ft recovery
				G2-3.5		
5				B5-4.5	0	No groundwater encountered in borehole.
						Borehole grouted on 6/9/11 using a tremie pipe and neat cement grout. Mr. Steve Miller, with Alameda County Public Works Agency, was on site to observe and document grouting of the borehole.
						Soil samples G2-2.5 and G2-3.5 were collected for geotechnical evaluation.
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P&D ENVIRONMENTAL, INC.

BORING NO.: G3	PROJECT NO.: 0553	PROJECT NAME: Basics - Cathedral Gardens, Oakland	
BORING LOCATION: Approximately 15 ft. east of church rectory building		ELEVATION AND DATUM: None	
DRILLING AGENCY: Vironex	DRILLER: John	DATE & TIME STARTED: 6/9/11 1050	DATE & TIME FINISHED: 6/9/11 1130
DRILLING EQUIPMENT: Geoprobe 6600			
COMPLETION DEPTH: 4.0 Feet	BEDROCK DEPTH: Not Encountered	LOGGED BY: MLD	CHECKED BY: PHK
FIRST WATER DEPTH: Not Encountered	NO. OF SAMPLES: 2 Soil		

DEPTH (FT.)	DESCRIPTION	GRAPHIC COLUMN	BLOW COUNT PER 6"	WELL CONSTRUCTION LOG	PID	REMARKS
	0.0 to 0.5 ft. Concrete (4-inches) and base rock (FILL).	FILL		No Well Constructed		Borehole continuously cored from 0.0 to 4.0 ft. using a 5.0-foot long 2.0-inch O.D. Geoprobe Macrocore barrel sampler. The sampler was lined with 4.8-foot long 1.5-inch O.D. transparent PVC tubes.
	0.5 to 2.5 ft. Dark olive-brown silt (ML); medium stiff, moist, with orange mottling. No Petroleum Hydrocarbon (PHC) odor.	ML			0	
	2.5 to 4.0 ft. Dark brown silty clay (CL); soft, moist to saturated. No PHC odor. Wet at 3.0 ft. Saturated at 3.5 ft.	CL		G3-2.5	0	0-4 ft 4.0 ft recovery
				G3-4.0	0	No groundwater encountered in borehole.
5						Borehole grouted on 6/9/11 using a tremie pipe and neat cement grout. Mr. Steve Miller, with Alameda County Public Works Agency, was on site to observe and document grouting of the borehole.
10						Soil samples G3-2.5 and G3-4.0 were collected for geotechnical evaluation.
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McCampbell Analytical, Inc.
"When Quality Counts"

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

Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Reported: 06/15/11
Oakland, CA 94607	Client P.O.:	Date Completed: 06/14/11

WorkOrder: 1106323

June 15, 2011

Dear Donavan:

Enclosed within are:

1) The results of the 11 analyzed samples from your project: #0553; Cathedral Gardens,
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

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

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

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

BEO

P & D ENVIRONMENTAL, INC.
55 Santa Clara Ave, Suite 240
Oakland, CA 94610
(510) 658-6916

1106323

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER:	PROJECT NAME:
0553	BASICS - CATHEDRAL GARDENS 2100 Martin Luther King Jr. Way 616-634 21st St and 635 22nd St OAKLAND

SAMPLED BY: (PRINTED AND SIGNATURE)
MICHAEL DESCHENES Michael Deschenes

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TRPH (G,D,K,SS,MO,BO)	VOC's	CAM 17 METALS	PRESERVATIVE	REMARKS
B1-0.5	6/9/11	0935	SOIL		1	X	X	X	ICE	NORMAL TURNAROUND
B1-4.5	"	0940	"		1	X	X	X		" " "
B1-9.5	"	0945	"		1	X	X	X		" " "
B2-0.5	"	0835	"		1	X	X	X		" " "
B2-4.5	"	0840	"		1	X	X	X		" " "
B2-9.5	"	0850	"		1	X	X	X		" " "
B3-0.5	"	0905	"		1	X	X	X		" " "
B3-4.5	"	0910	"		1	X	X	X		" " "
B3-9.5	"	0915	"		1	X	X	X		" " "
B4-4.5	"	1020	"		1	X	X	X		" " "
B5-4.5	↓	1035	↓		1	X	X	X	↓	" " "

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT)	11	LABORATORY:
Michael Deschenes	6/9/11	1301		TOTAL NO. OF CONTAINERS (THIS SHIPMENT)	11	McCAMPBELL ANALYTICAL
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	LABORATORY CONTACT:		LABORATORY PHONE NUMBER:
	6/9/11	1330	Maria V	ANGELA RYDELIOS		(877) 252-9262
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO		

Results and billing to: BASICS AND RESULTS TO
P&D Environmental, Inc.
lab@pdenviro.com

REMARKS:
ICE/°C 5.6 ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

PRESERVATION	VOAS	O&G	METALS	OTHER

McCampbell Analytical, Inc.
"When Quality Counts"

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

Sample Receipt Checklist

Client Name: **Basics Environmental**
Date and Time Received: **6/9/2011 1:31:21 PM**

Project Name: **#0553; Cathedral Gardens**
Checklist completed and reviewed by: Maria Venegas

WorkOrder N°: **1106323** Matrix Soil
Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.6°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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

Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/10/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1106323

Lab ID	1106323-001A
Client ID	B1-05
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	91	%SS2:	102
%SS3:	99		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/10/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1106323

Lab ID	1106323-002A
Client ID	B1-4.5
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	92	%SS2:	102
%SS3:	105		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/10/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1106323

Lab ID	1106323-003A
Client ID	B1-9.5
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	96	%SS2:	101
%SS3:	103		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/10/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1106323

Lab ID	1106323-004A
Client ID	B2-0.5
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	94	%SS2:	101
%SS3:	104		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/10/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1106323

Lab ID	1106323-005A
Client ID	B2-4.5
Matrix	Soil

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

Surrogate Recoveries (%)			
%SS1:	93	%SS2:	101
%SS3:	98		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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

Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/10/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1106323

Lab ID	1106323-006A
Client ID	B2-9.5
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	92	%SS2:	101
%SS3:	102		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/10/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1106323

Lab ID	1106323-007A
Client ID	B3-0.5
Matrix	Soil

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

Surrogate Recoveries (%)			
%SS1:	92	%SS2:	100
%SS3:	98		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/11/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1106323

Lab ID	1106323-008A
Client ID	B3-4.5
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	95	%SS2:	100
%SS3:	101		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
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655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/11/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1106323

Lab ID	1106323-009A
Client ID	B3-9.5
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	92	%SS2:	100
%SS3:	103		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/11/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1106323

Lab ID	1106323-010A
Client ID	B4-4.5
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	94	%SS2:	101
%SS3:	104		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/11/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1106323

Lab ID	1106323-011A
Client ID	B5-4.5
Matrix	Soil

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

Surrogate Recoveries (%)

%SS1:	92	%SS2:	100
%SS3:	100		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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		Date Received 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed 06/10/11-06/14/11

CAM / CCR 17 Metals*

Lab ID	1106323-001A	1106323-002A	1106323-003A	1106323-004A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B1-05	B1-4.5	B1-9.5	B2-0.5		
Matrix	S	S	S	S	S	W
Extraction Type	TOTAL	TOTAL	TOTAL	TOTAL	mg/Kg	mg/L

ICP Metals, Concentration*

Analytical Method: SW6020 Extraction Method: SW3050B Work Order: 1106323

Dilution Factor	1	1	1	1	1	1
Antimony	0.58	ND	ND	ND	0.5	NA
Arsenic	8.8	1.4	4.3	11	0.5	NA
Barium	210	170	130	230	5.0	NA
Beryllium	0.56	0.54	0.62	ND	0.5	NA
Cadmium	ND	ND	ND	ND	0.25	NA
Chromium	57	63	69	28	0.5	NA
Cobalt	13	6.5	9.0	10	0.5	NA
Copper	61	21	20	86	0.5	NA
Lead	17	4.4	6.3	10	0.5	NA
Mercury	0.12	ND	ND	0.093	0.05	NA
Molybdenum	0.84	ND	ND	0.92	0.5	NA
Nickel	70	53	79	27	0.5	NA
Selenium	ND	ND	ND	ND	0.5	NA
Silver	ND	ND	ND	ND	0.5	NA
Thallium	ND	ND	ND	ND	0.5	NA
Vanadium	63	38	54	65	0.5	NA
Zinc	99	49	41	130	5.0	NA
%SS:	104	104	114	126		

Comments						

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

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.
%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

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655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed 06/10/11-06/14/11

CAM / CCR 17 Metals*

Lab ID	1106323-005A	1106323-006A	1106323-007A	1106323-008A	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B2-4.5	B2-9.5	B3-0.5	B3-4.5		
Matrix	S	S	S	S	S	W
Extraction Type	TOTAL	TOTAL	TOTAL	TOTAL	mg/Kg	mg/L

ICP Metals, Concentration*

Analytical Method: SW6020 Extraction Method: SW3050B Work Order: 1106323

Dilution Factor	1	1	1	1	1	1
Antimony	ND	ND	1.5	ND	0.5	NA
Arsenic	3.3	5.5	28	1.5	0.5	NA
Barium	220	170	110	81	5.0	NA
Beryllium	0.81	0.56	ND	ND	0.5	NA
Cadmium	ND	ND	0.43	ND	0.25	NA
Chromium	68	58	13	30	0.5	NA
Cobalt	16	8.1	7.3	4.8	0.5	NA
Copper	28	23	22	5.8	0.5	NA
Lead	6.7	6.0	30	12	0.5	NA
Mercury	ND	0.058	0.27	0.070	0.05	NA
Molybdenum	ND	ND	2.6	ND	0.5	NA
Nickel	98	63	10	13	0.5	NA
Selenium	ND	ND	ND	ND	0.5	NA
Silver	ND	ND	0.65	ND	0.5	NA
Thallium	ND	ND	0.77	ND	0.5	NA
Vanadium	59	56	43	25	0.5	NA
Zinc	63	41	190	17	5.0	NA
%SS:	119	113	113	114		

Comments						

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

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.
%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

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		Date Received 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed 06/10/11-06/14/11

CAM / CCR 17 Metals*

Lab ID	1106323-009A	1106323-010A	1106323-011A		Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B3-9.5	B4-4.5	B5-4.5			
Matrix	S	S	S		S	W
Extraction Type	TOTAL	TOTAL	TOTAL		mg/Kg	mg/L

ICP Metals, Concentration*

Analytical Method: SW6020 Extraction Method: SW3050B Work Order: 1106323

Dilution Factor	1	1	1		1	1
Antimony	ND	ND	ND		0.5	NA
Arsenic	3.3	2.2	2.1		0.5	NA
Barium	95	150	140		5.0	NA
Beryllium	0.52	ND	ND		0.5	NA
Cadmium	ND	ND	ND		0.25	NA
Chromium	60	77	74		0.5	NA
Cobalt	5.4	11	15		0.5	NA
Copper	17	11	13		0.5	NA
Lead	4.2	4.8	6.8		0.5	NA
Mercury	ND	0.097	0.095		0.05	NA
Molybdenum	ND	ND	ND		0.5	NA
Nickel	63	40	38		0.5	NA
Selenium	ND	ND	ND		0.5	NA
Silver	ND	ND	ND		0.5	NA
Thallium	ND	ND	ND		0.5	NA
Vanadium	50	50	45		0.5	NA
Zinc	37	39	40		5.0	NA
%SS:	108	126	128			

Comments

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

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.
%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

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Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/10/11

Gasoline Range (C6-C12) Stoddard Solvent Range (C9-C12) Volatile Hydrocarbons with BTEX & MTBE*

Extraction Method: SW5030B Analytical Method: SW8021B/8015Bm Work Order: 1106323

Lab ID	1106323-001A	1106323-002A	1106323-003A	1106323-004A	Reporting Limit for DF =1	
Client ID	B1-05	B1-4.5	B1-9.5	B2-0.5		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/Kg	ug/L
TPH(g)	ND	ND	ND	ND	1.0	NA
TPH(ss)	ND	ND	ND	ND	1.0	NA
MTBE	ND	ND	ND	ND	0.05	NA
Benzene	ND	ND	ND	ND	0.005	NA
Toluene	ND	ND	ND	ND	0.005	NA
Ethylbenzene	ND	ND	ND	ND	0.005	NA
Xylenes	ND	ND	ND	ND	0.005	NA
Surrogate Recoveries (%)						
%SS:	89	90	84	91		
Comments						

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

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Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/10/11

Gasoline Range (C6-C12) Stoddard Solvent Range (C9-C12) Volatile Hydrocarbons with BTEX & MTBE*

Extraction Method: SW5030B Analytical Method: SW8021B/8015Bm Work Order: 1106323

Lab ID	1106323-005A	1106323-006A	1106323-007A	1106323-008A	Reporting Limit for DF =1	
Client ID	B2-4.5	B2-9.5	B3-0.5	B3-4.5		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/Kg	ug/L
TPH(g)	ND	ND	ND	ND	1.0	NA
TPH(ss)	ND	ND	ND	ND	1.0	NA
MTBE	ND	ND	ND	ND	0.05	NA
Benzene	ND	ND	ND	ND	0.005	NA
Toluene	ND	ND	ND	ND	0.005	NA
Ethylbenzene	ND	ND	ND	ND	0.005	NA
Xylenes	ND	ND	ND	ND	0.005	NA
Surrogate Recoveries (%)						
%SS:	96	88	93	85		
Comments						

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

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Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/10/11

Gasoline Range (C6-C12) Stoddard Solvent Range (C9-C12) Volatile Hydrocarbons with BTEX & MTBE*

Extraction Method: SW5030B Analytical Method: SW8021B/8015Bm Work Order: 1106323

Lab ID	1106323-009A	1106323-010A	1106323-011A		Reporting Limit for DF =1	
Client ID	B3-9.5	B4-4.5	B5-4.5			
Matrix	S	S	S			
DF	1	1	1		S	W
Compound	**Concentration**				mg/Kg	ug/L
TPH(g)	ND	ND	ND		1.0	NA
TPH(ss)	ND	ND	ND		1.0	NA
MTBE	ND	ND	ND		0.05	NA
Benzene	ND	ND	ND		0.005	NA
Toluene	ND	ND	ND		0.005	NA
Ethylbenzene	ND	ND	ND		0.005	NA
Xylenes	ND	ND	ND		0.005	NA
Surrogate Recoveries (%)						
%SS:	91	91	94			
Comments						

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

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Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/10/11-06/14/11

Total Extractable Petroleum Hydrocarbons*

Extraction Method: SW3550B Analytical Method: SW8015B Work Order: 1106323

Lab ID	1106323-001A	1106323-002A	1106323-003A	1106323-004A	Reporting Limit for DF =1	
Client ID	B1-05	B1-4.5	B1-9.5	B2-0.5		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	Concentration				mg/Kg	ug/L
TPH-Diesel (C10-C23)	2.5	ND	ND	5.9	1.0	NA
TPH-Motor Oil (C18-C36)	7.5	ND	ND	7.8	5.0	NA
TPH-Bunker Oil (C10-C36)	9.7	ND	ND	9.9	2.0	NA
TPH-Kerosene (C9-C18)	1.4	ND	1.4	3.2	1.0	NA
Surrogate Recoveries (%)						
%SS	114	110	112	113		
Comments	e7,e2		e6	e7,e2		

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

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

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e2) diesel range compounds are significant; no recognizable pattern
e6) one to a few isolated peaks present in the THP(d/mo) chromatogram
e7) oil range compounds are significant

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Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/10/11-06/14/11

Total Extractable Petroleum Hydrocarbons*

Extraction Method: SW3550B Analytical Method: SW8015B Work Order: 1106323

Lab ID	1106323-005A	1106323-006A	1106323-007A	1106323-008A	Reporting Limit for DF =1	
Client ID	B2-4.5	B2-9.5	B3-0.5	B3-4.5		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	Concentration				mg/Kg	ug/L
TPH-Diesel (C10-C23)	ND	ND	4.5	2.4	1.0	NA
TPH-Motor Oil (C18-C36)	ND	ND	15	6.8	5.0	NA
TPH-Bunker Oil (C10-C36)	ND	ND	20	6.9	2.0	NA
TPH-Kerosene (C9-C18)	ND	ND	2.0	1.1	1.0	NA
Surrogate Recoveries (%)						
%SS	109	112	110	114		
Comments			e7,e2	e7,e2		

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

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

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e2) diesel range compounds are significant; no recognizable pattern
e6) one to a few isolated peaks present in the THP(d/mo) chromatogram
e7) oil range compounds are significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Basics Environmental	Client Project ID: #0553; Cathedral Gardens	Date Sampled: 06/09/11
		Date Received: 06/09/11
655 12th Street, Suite 126	Client Contact: Donavan Tom	Date Extracted: 06/09/11
Oakland, CA 94607	Client P.O.:	Date Analyzed: 06/10/11-06/14/11

Total Extractable Petroleum Hydrocarbons*

Extraction Method: SW3550B Analytical Method: SW8015B Work Order: 1106323

Lab ID	1106323-009A	1106323-010A	1106323-011A		Reporting Limit for DF =1	
Client ID	B3-9.5	B4-4.5	B5-4.5			
Matrix	S	S	S			
DF	1	1	1		S	W
Compound	Concentration				mg/Kg	ug/L
TPH-Diesel (C10-C23)	ND	ND	ND		1.0	NA
TPH-Motor Oil (C18-C36)	ND	ND	ND		5.0	NA
TPH-Bunker Oil (C10-C36)	ND	ND	ND		2.0	NA
TPH-Kerosene (C9-C18)	ND	ND	ND		1.0	NA
Surrogate Recoveries (%)						
%SS	111	117	116			
Comments						

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

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

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e2) diesel range compounds are significant; no recognizable pattern
e6) one to a few isolated peaks present in the THP(d/mo) chromatogram
e7) oil range compounds are significant

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 58905 | WorkOrder: 1106323

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1106245-005A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	82.6	80.9	2.12	78.9	80.5	2.02	70 - 130	30	70 - 130	30
Benzene	ND	0.050	111	111	0	106	107	1.06	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	94.4	92.2	2.34	94.9	95.9	1.01	70 - 130	30	70 - 130	30
Chlorobenzene	ND	0.050	113	113	0	101	103	2.33	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	98.4	96.6	1.77	97.4	96.9	0.553	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	99.3	96.9	2.37	91.7	99.2	7.90	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	0.050	110	110	0	104	106	1.37	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	109	109	0	108	109	1.37	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	102	101	1.54	98.5	101	2.45	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	106	104	1.69	103	104	0.240	70 - 130	30	70 - 130	30
Toluene	ND	0.050	120	118	1.64	112	113	1.01	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	114	112	1.94	101	103	2.61	70 - 130	30	70 - 130	30
%SS1:	93	0.12	88	88	0	87	88	1.58	70 - 130	30	70 - 130	30
%SS2:	101	0.12	107	107	0	105	105	0	70 - 130	30	70 - 130	30
%SS3:	102	0.012	100	96	4.69	103	98	4.71	70 - 130	30	70 - 130	30

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

BATCH 58905 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1106323-001A	06/09/11 9:35 AM	06/09/11	06/10/11 2:24 PM	1106323-002A	06/09/11 9:40 AM	06/09/11	06/10/11 5:34 PM
1106323-003A	06/09/11 9:45 AM	06/09/11	06/10/11 6:22 PM	1106323-004A	06/09/11 8:35 AM	06/09/11	06/10/11 7:10 PM
1106323-005A	06/09/11 8:40 AM	06/09/11	06/10/11 10:22 PM	1106323-006A	06/09/11 8:50 AM	06/09/11	06/10/11 11:09 PM
1106323-007A	06/09/11 9:05 AM	06/09/11	06/10/11 11:56 PM	1106323-008A	06/09/11 9:10 AM	06/09/11	06/11/11 12:44 AM
1106323-009A	06/09/11 9:15 AM	06/09/11	06/11/11 1:31 AM	1106323-010A	06/09/11 10:20 AM	06/09/11	06/11/11 2:18 AM
1106323-011A	06/09/11 10:35 AM	06/09/11	06/11/11 3:06 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

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

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 58921 WorkOrder: 1106323

EPA Method: SW8015B **Extraction: SW3550B** **Spiked Sample ID: 1106265-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	58	40	81.9	120	15.8	98	97.6	0.348	70 - 130	30	70 - 130	30
TPH-Motor Oil (C18-C36)	320	40	NR	NR	NR	47.2	47.5	0.627	70 - 130	30	70 - 130	30
TPH-Bunker Oil (C10-C36)	400	40	NR	NR	NR	116	116	0	70 - 130	30	70 - 130	30
TPH-Kerosene (C9-C18)	ND	40	120	139	14.5	90.7	89.8	0.974	70 - 130	30	70 - 130	30
%SS:	100	25	101	117	14.9	84	84	0	70 - 130	30	70 - 130	30

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

BATCH 58921 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1106323-001A	06/09/11 9:35 AM	06/09/11	06/10/11 1:45 AM	1106323-002A	06/09/11 9:40 AM	06/09/11	06/10/11 2:53 AM
1106323-003A	06/09/11 9:45 AM	06/09/11	06/12/11 3:35 AM	1106323-004A	06/09/11 8:35 AM	06/09/11	06/14/11 4:39 AM
1106323-005A	06/09/11 8:40 AM	06/09/11	06/10/11 7:25 AM	1106323-006A	06/09/11 8:50 AM	06/09/11	06/12/11 2:28 AM
1106323-007A	06/09/11 9:05 AM	06/09/11	06/14/11 8:11 AM	1106323-008A	06/09/11 9:10 AM	06/09/11	06/10/11 9:45 AM
1106323-009A	06/09/11 9:15 AM	06/09/11	06/14/11 2:19 AM	1106323-010A	06/09/11 10:20 AM	06/09/11	06/14/11 5:49 AM
1106323-011A	06/09/11 10:35 AM	06/09/11	06/14/11 6:59 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

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

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW6020

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 1106323

EPA Method: SW6020		Extraction: SW3050B				BatchID: 58923				Spiked Sample ID: 1106265-001A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	0.63	50	104	103	1.05	10	94	95	1.10	75 - 125	20	75 - 125	20
Arsenic	2.9	50	102	101	1.23	10	96.8	98.5	1.82	75 - 125	20	75 - 125	20
Barium	54	500	106	105	0.754	100	102	103	1.07	75 - 125	20	75 - 125	20
Beryllium	ND	50	101	98.1	2.55	10	102	104	2.24	75 - 125	20	75 - 125	20
Cadmium	ND	50	102	99.6	1.95	10	94.5	94.7	0.190	75 - 125	20	75 - 125	20
Chromium	260	50	NR	NR	NR	10	101	106	4.63	75 - 125	20	75 - 125	20
Cobalt	51	50	86.5	87.1	0.308	10	99.1	102	3.15	75 - 125	20	75 - 125	20
Copper	20	50	104	102	1.34	10	104	109	4.51	75 - 125	20	75 - 125	20
Lead	34	50	103	102	0.950	10	94.8	96.8	2.00	75 - 125	20	75 - 125	20
Mercury	0.077	1.25	97.3	94.8	2.50	0.25	94	93	1.07	75 - 125	20	75 - 125	20
Molybdenum	0.59	50	94	92.7	1.33	10	85.5	87.2	1.99	75 - 125	20	75 - 125	20
Nickel	1100	50	NR	NR	NR	10	97.7	100	2.82	75 - 125	20	75 - 125	20
Selenium	ND	50	101	98.7	2.24	10	99.8	105	4.84	75 - 125	20	75 - 125	20
Silver	ND	50	106	105	0.700	10	106	106	0	75 - 125	20	75 - 125	20
Thallium	ND	50	102	99.7	2.55	10	91.8	93	1.29	75 - 125	20	75 - 125	20
Vanadium	44	50	90.5	88.2	1.33	10	97.3	102	4.66	75 - 125	20	75 - 125	20
Zinc	59	500	109	106	2.34	100	102	107	4.21	75 - 125	20	75 - 125	20
%SS:	108	500	101	103	1.88	500	99	100	1.11	70 - 130	20	70 - 130	20

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

BATCH 58923 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1106323-001A	06/09/11 9:35 AM	06/09/11	06/10/11 8:59 PM	1106323-002A	06/09/11 9:40 AM	06/09/11	06/10/11 9:05 PM
1106323-003A	06/09/11 9:45 AM	06/09/11	06/10/11 9:12 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW6020

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 1106323

EPA Method: SW6020			Extraction: SW3050B			BatchID: 58966			Spiked Sample ID: 1106323-011A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	ND	50	115	104	10.7	10	106	109	2.78	75 - 125	20	75 - 125	20
Arsenic	2.1	50	116	105	9.89	10	113	116	2.97	75 - 125	20	75 - 125	20
Barium	140	500	116	101	11.0	100	119	120	1.09	75 - 125	20	75 - 125	20
Beryllium	ND	50	109	97.4	11.0	10	111	116	3.88	75 - 125	20	75 - 125	20
Cadmium	ND	50	113	102	10.6	10	105	108	2.54	75 - 125	20	75 - 125	20
Chromium	74	50	NR	NR	NR	10	118	121	2.52	75 - 125	20	75 - 125	20
Cobalt	15	50	107	92.2	11.4	10	115	118	2.57	75 - 125	20	75 - 125	20
Copper	13	50	118	103	11.5	10	118	121	2.68	75 - 125	20	75 - 125	20
Lead	6.8	50	117	104	11.1	10	109	112	2.71	75 - 125	20	75 - 125	20
Mercury	0.095	1.25	107	94.1	11.7	0.25	106	112	5.41	75 - 125	20	75 - 125	20
Molybdenum	ND	50	108	92.5	14.9	10	100	103	2.95	75 - 125	20	75 - 125	20
Nickel	38	50	107	90.2	9.82	10	114	116	2.44	75 - 125	20	75 - 125	20
Selenium	ND	50	115	104	10.1	10	112	115	2.82	75 - 125	20	75 - 125	20
Silver	ND	50	102	100	1.96	10	109	112	2.63	75 - 125	20	75 - 125	20
Thallium	ND	50	111	99.3	10.9	10	103	106	2.86	75 - 125	20	75 - 125	20
Vanadium	45	50	99.7	83.2	9.06	10	116	118	1.80	75 - 125	20	75 - 125	20
Zinc	40	500	121	108	10.2	100	116	120	2.97	75 - 125	20	75 - 125	20
%SS:	128	500	120	108	9.84	500	115	118	2.43	70 - 130	20	70 - 130	20

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

BATCH 58966 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1106323-004A	06/09/11 8:35 AM	06/09/11	06/10/11 9:18 PM	1106323-005A	06/09/11 8:40 AM	06/09/11	06/10/11 9:24 PM
1106323-006A	06/09/11 8:50 AM	06/09/11	06/10/11 9:48 PM	1106323-007A	06/09/11 9:05 AM	06/09/11	06/14/11 3:48 AM
1106323-008A	06/09/11 9:10 AM	06/09/11	06/14/11 3:55 AM	1106323-009A	06/09/11 9:15 AM	06/09/11	06/14/11 4:02 AM
1106323-010A	06/09/11 10:20 AM	06/09/11	06/14/11 4:09 AM	1106323-011A	06/09/11 10:35 AM	06/09/11	06/10/11 10:20 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 58948 WorkOrder: 1106323

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1106288-004A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
MTBE	ND	0.10	100	103	2.81	105	99.9	4.83	70 - 130	20	70 - 130	20
Benzene	ND	0.10	96.4	99.9	3.62	97.3	93.7	3.83	70 - 130	20	70 - 130	20
Toluene	ND	0.10	98.3	102	4.03	99.3	95.5	3.83	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	103	107	4.17	104	99.5	4.23	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	102	106	3.32	103	99.7	3.16	70 - 130	20	70 - 130	20
%SS:	105	0.10	94	103	9.18	97	98	1.19	70 - 130	20	70 - 130	20

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

BATCH 58948 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1106323-001A	06/09/11 9:35 AM	06/09/11	06/10/11 12:55 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644 QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 58967 WorkOrder: 1106323

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1106323-011A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
MTBE	ND	0.10	124	117	5.98	117	119	1.72	70 - 130	20	70 - 130	20
Benzene	ND	0.10	90.9	91.8	1.06	93.6	89.5	4.48	70 - 130	20	70 - 130	20
Toluene	ND	0.10	89.1	90	1.03	91.8	88.1	4.09	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	90.7	92.5	1.98	93.2	90.3	3.10	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	90	91.7	1.81	92.7	90.2	2.74	70 - 130	20	70 - 130	20
%SS:	94	0.10	80	83	4.68	80	73	9.43	70 - 130	20	70 - 130	20

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

BATCH 58967 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1106323-002A	06/09/11 9:40 AM	06/09/11	06/10/11 2:56 PM	1106323-003A	06/09/11 9:45 AM	06/09/11	06/10/11 12:57 AM
1106323-004A	06/09/11 8:35 AM	06/09/11	06/10/11 12:25 PM	1106323-005A	06/09/11 8:40 AM	06/09/11	06/10/11 3:57 PM
1106323-006A	06/09/11 8:50 AM	06/09/11	06/10/11 4:27 PM	1106323-007A	06/09/11 9:05 AM	06/09/11	06/10/11 3:27 PM
1106323-008A	06/09/11 9:10 AM	06/09/11	06/10/11 1:56 PM	1106323-009A	06/09/11 9:15 AM	06/09/11	06/10/11 2:26 PM
1106323-010A	06/09/11 10:20 AM	06/09/11	06/10/11 1:26 PM	1106323-011A	06/09/11 10:35 AM	06/09/11	06/10/11 4:58 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644 _____ QA/QC Officer