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



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

TABLE OF CONTENTS

PROFESSIONAL CERTIFICATION

INTRODUCTION	1-1
Purpose of Assessment Background Scope of Work.	1-1 1-1 1-3
Permits and Regulatory Compliance	1-4
SOIL SAMPLING	2-1
Field Activities	2-1
CHEMICAL ANALYSES AND RESULTS	3-1
Chemical Analyses Analytical Results	3-1 3-1
DISCUSSION AND RECOMMENDATIONS	4-1
Discussion Recommendations	4-1 4-3
	INTRODUCTION Purpose of Assessment Background Scope of Work Permits and Regulatory Compliance SOIL SAMPLING Field Activities

List of Drawings

Drawing 1: Site Location Map Drawing 2: Aerial Photo (2009) Drawing 3: Soil Boring Locations

Appendices

APPENDIX A: Boring LogsAPPENDIX B: Laboratory Analytical Results and Chain of Custody

PROFESSIONAL CERTIFICATION

LIMITED ENVIRONMENTAL SITE SAMPLING REPORT 2100 Martin Luther King Jr. Way Oakland, California For EAH Housing 11-ENV2257 June 27, 2011

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.

No. 20039 Expires: 11/30/1 Donavan G. Tom, R.E.A. II Principal Consultant



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

LIMITED PHASE II

11-ENV2257

1.0 INTRODUCTION

1.1 <u>Purpose of Assessment</u>

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 <u>Scope of Work</u>

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 Stateaccredited 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 <u>Permits and Regulatory Compliance</u>

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 <u>Field Activities</u>

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

LIMITED PHASE II

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 <u>Chemical Analyses</u>

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 <u>Analytical Results</u>

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.

Sample	Depth	TPH-g	TPH-d	TPH-k	TPH-ss	TPH-mo	TPH-bo
ID	Feet	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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

Table 1. Soil Analytical Results - Petroleum Hydrocarbons

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 (\leq 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.

Sample	Depth	VOCs
ID	Feet	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

Table 2. Soil Analytical Results – Volatile Organic Compounds

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 (\leq 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.

Sample	Depth	Sb	As	Ba	Be	Cd	Cr ^(total)	Co	Cu	Pb
ID	Feet	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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
В3	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
В3	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 ST	LC^4	150	5	1,000	7.5	10	50	800	250	50

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

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 (\leq 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

Sample	Depth	Hg	Mo	Ni	Se	Ag	T1	V	Zn
ID	Feet	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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
В3	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
В3	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 S'	TLC ⁴	2.0	3,500	200	10	50	70	240	2,500

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

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 (\leq 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 <u>Discussion</u>

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 nickel; 3,900 mg/kg for silver; 62 mg/kg for thallium; 770 mg/kg for vanadium and 5,000 mg/kg for zinc. LIMITED PHASE II 4-2 11-ENV2257

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 <u>Recommendations</u>

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.



Site Location



Off Haul Environmental Soil Sampling 2100 Martin Luther King Jr. Way Oakland, California PROJECT NO. 11-ENV2257

DRAWING NO. 1





Off Haul Environmental Soil Sampling 2100 Martin Luther King Jr. Way Oakland, California PROJECT NO. 11-ENV2257

DRAWING NO.

basics

Off Haul Environmental Soil Sampling 2100 Martin Luther King Jr. Way Oakland, California PROJECT NO. 11-ENV2257

DRAWING NO. 3

PAGE <u>1</u> OF <u>1</u>

1	BORING NO.: B1 PROJECT NO.: 0553 PROJECT NAME: Basics - Cathedral Gardens, Oakland										
	BOR	ING	LOG	CATION: Northeast area of western lot						ELEVATIO	NAND DATUM: None
1	DRIL	LIN LIN	G AC	GENCY: Vironex DUIPMENT: Geoprobe 6600	driller: John					ATE & TIME STARTED: 6/9/11 0930	DATE & TIME FINISHED: 6/9/11 1130
	СОМ	PLE	TIO	N DEPTH: 10.0 Feet BEDROCK DEPTH:	Not	t Encou	intere	d		LOGGED BY:	CHECKED BY:
1	FIRS	T WA	TEI	R DEPTH: Not Encountered NO. OF SAMPLES:	3 S	oil				MLD	PAK
(LJ) HL DESCRIPTIO				DESCRIPTION		GRAPHIC COLUMN	BLOW COUNT PER 6"	WELL CONSTRUCTION LOG	PID	REM	ARKS
	-			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 continuou: 10.0 ft. using a 5.0-1 Geoprobe Macrocor sampler was lined w inch O.D. transparer 0-5 ft 5-10 ft	sly cored from 0.0 to coot long 2.0-inch O.D. e barrel sampler. The rith 4.8-foot long 1.5- nt PVC tubes. 4.6 ft recovery 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 enco	untered in borehole.
	-	0		6.0 to 10.0 ft. Olive-brown clay (CL); very stiff, moist, with black mottling. No PHC odor.		CL		B1-9.5	0		
	- 1 - - - -	U								Borehole grouted on pipe and neat cement with Alameda County was on site to observe of the borehole.	6/9/11 using a tremie grout. Mr. Steve Miller, Public Works Agency, and document grouting
	- 1 - 1 	5									
	- - - - -	20									
	- - - - - -	25									
	- - - -	30									

PAGE <u>1</u> OF <u>1</u>

F	ORIN	G NO	.: B2	project no.: 0553	3 PROJECT	NAI	ме: Ва	sics -	Cathedral	Gar	dens, Oakland		
1	BORIN	G LO	CATION: W	Vestern area of western lot							ELEVATIO!	NAND DATUM: None	
r	RILL	NG A	GENCY:	Vironex		driller: John					TE & TIME STARTED: 6/9/11	DATE & TIME FINISHED: 6/9/11	
	RILL	ING E	QUIPMENT:	Geoprobe 6600							0830	1130	
(OMP	LETIC	ON DEPTH:	10.0 Feet	BEDROCK DEPTH: N	lot	t Encou	ntere	d		LOGGED BY: MLD	CHECKED BY:	
F	IRST	WATE	R DEPTH:	Not Encountered	NO. OF SAMPLES: 3	S	oil		-			1-ME	
DEPTH (FT.)				DESCRIPTION			GRAPHIC COLUMN BLOW COUNT PER.6" WELL CONSTRUCTIO			OIId	REMARKS		
	5		0.0 to 0.5 0.5 to 3.0 moist, w 3.0 to 6.0	5 ft. Concrete Aggregate (3-inch (FILL). 2) ft. Dark olive-gray sandy c vith some coarse angular gra diameter and orange mott Petroleum Hydrocarbon (P ft. Olive-gray clay (CL); me No PHC odor.	es) and base rock lay (CL); stiff, vel to 0.5-inch ling. HC) odor. edium stiff, moist.	X	FILL CL		B2-0.5 No Well Constructed B2-4.5	0	Borehole continuous 10.0 ft. using a 5.0-f Geoprobe Macrocor sampler was lined w inch O.D. transparen 0-5 ft 5-10 ft	sly cored from 0.0 to oot long 2.0-inch O.D. e barrel sampler. The ith 4.8-foot long 1.5- it PVC tubes. 4.8 ft recovery 4.6 ft recovery	
	5		6.0 to 9	9.5 ft. Light brown silt (ML) with black and orange mo No PHC odor. 10.0 ft. Olive-brown clay (Comparison of the second secon	; very stiff, dry, ttling. (L); very stiff,		ML			0	No groundwater enco	ountered in borehole.	
	10	_	/	No PHC odor.	ing.	x	CL	-	B2-9.5				
			- - - - - -		- - - - - - - -						Borehole grouted on 6 pipe and neat cement with Alameda County was on site to observe of the borehole.	5/9/11 using a tremie grout. Mr. Steve Miller, Public Works Agency, and document grouting	
	15		- - - - - - -										
	20												
	25		-										
E	30	_	- -										

PAGE <u>1</u> OF <u>1</u>

в	BORING NO.: B3 PROJECT NO.: 0553 PROJECT NAME: Basics - Cathedral Gardens, Oakland										
в	ORING	LO	CATION: Southern area of western lot						ELEVATIO!	NAND DATUM: None	
D	RILLI	IG A	ENCY: Vironex	driller: John				DA	ATE & TIME STARTED: 6/9/11 0900	DATE & TIME FINISHED: 6/9/11 1130	
	OMPL	ETIO	NDEPTH: 10.0 Feet BEDROCK DEPTH: 1	Not	Encou	ntere	d		LOGGED BY:	CHECKED BY:	
F	RST W	ATE	R DEPTH: Not Encountered NO. OF SAMPLES:	3 S	oil		<u> </u>		MLD	PHK	
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 continuous 10.0 ft. using a 5.0-f Geoprobe Macrocor sampler was lined w inch O.D. transparen 0-5 ft 5-10 ft	sly cored from 0.0 to oot long 2.0-inch O.D. e barrel sampler. The ith 4.8-foot long 1.5- it PVC tubes. 4.6 ft recovery 4.8 ft recovery	
_	5	_	4.0 to 5.5 ft. Black sandy clay (FILL); soft, moist, with brick fragments.	X			B3-4.5	0		5	
			5.5 to 8.0 ft. Olive-gray clay (CL); medium stiff, moist. No PHC odor.		CL				No groundwater enc	ountered in borehole.	
	10		8.0 to 10.0 ft. Olive-gray silt (ML); stiff, moist, with black mottling.	X	ML	-	B3-9.5	0			
	10								Borehole grouted on 6 pipe and neat cement with Alameda County was on site to observe of the borehole.	5/9/11 using a tremie grout. Mr. Steve Miller, Public Works Agency, and document grouting	
	15										
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PAGE	1	OF	1
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В	DRING	NO.	: B4 project no.: 0553 project	NA	ме: Ва	sics -	Cathedral	Gar	dens, Oakland	
В	ORING	LO	CATION: Approximately 100 ft. east of church rectory bu	ildi	ing				ELEVATIO	N AND DATUM: None
D	RILLIN	GA	GENCY: Vironex		DRILLEI	LER: John DATE & TIME STARTED: 6/9/11				date & time finished: 6/9/11
D	RILLIN	G E	QUIPMENT: Geoprobe 6600						1015	1130
С	OMPLE	тю	N DEPTH: 5.0 Feet BEDROCK DEPTH:	Not	t Encou	ntere	d		LOGGED BY: ML D	CHECKED BY:
F	RST WA	TE	R DEPTH: Not Encountered NO. OF SAMPLES:	3 S	oil					J-MK
	DEPTH (FT.)		DESCRIPTION		GRAPHIC COLUMN	BLOW COUNT PER 6"	WELL CONSTRUCTION LOG	DID	REM.	ARKS
			0.0 to 0.5 ft. Asphalt (3-inches) and base rock (FILL). 0.5 to 1.5 ft. Dark olive-brown sandy clay (CL); medium stiff moist with orange mottling		FILL CL	-	No Well Constructed	0	Borehole continuous 5.0 ft. using a 5.0-fc Geoprobe Macrocor	sly cored from 0.0 to ot long 2.0-inch O.D. e barrel sampler. The
		_	No Petroleum Hydrocarbon (PHC) odor. 1.5 to 4.0 ft. Dark grayish-brown silt (ML); medium		ML		G1-2.5		sampler was lined w inch O.D. transparer	vith 4.8-foot long 1.5- nt PVC tubes.
E			stift, moist. No PHC odor.	X			G1-3.5		0-5 ft	4.6 ft recovery
L	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 enco	ountered in borehole.
	5 10 15								Borehole grouted on 6 pipe and neat cement with Alameda County was on site to observe of the borehole. Soil samples G1-2.5 collected for geotech	5/9/11 using a tremie grout. Mr. Steve Miller, Public Works Agency, and document grouting and G1-3.5 were nical evaluation.
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E	20	_								
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в	ORING	NO.:	B5 PROJECT NO.: 0553 PROJECT	ΓNA	ме: Ва	sics -	Cathedral	Gar	dens, Oakland	
B	ORING	LO	CATION: Approximately 50 ft. east of church rectory build	ldin	ıg				ELEVATIO	NAND DATUM: None
D	RILLIN	iG AG	GENCY: Vironex		DRILLEI	r: Joł	ın	DA	ate & time started: 6/9/11 1040	DATE & TIME FINISHED: 6/9/11 1130
	OMPLI	TIO		No	t Encou	ntere	d		LOGGED BY:	CHECKED BY:
F	IRST W	ATE	R DEPTH: Not Encountered NO. OF SAMPLES:	3 S	oil		u		MLD	THE
-	2					2	NO			1 Ins
DEPTH (F			DESCRIPTION		GRAPHIC COLUMN	BLOW COUNT PER 6"	WELL CONSTRUCTI LOG	DID	REM	ARKS
			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 continuou 5.0 ft. using a 5.0-fc Geoprobe Macrocor sampler was lined w	sly cored from 0.0 to ot long 2.0-inch O.D. e barrel sampler. The rith 4.8-foot long 1.5-
			2.0 to 5.0 ft. Dark brown silty clay (CL); medium stiff, moist to wet. No PHC odor.	X X	CL		G2-2.5 G2-3.5	0	inch O.D. transparer 0-5 ft	4.6 ft recovery
E	5		Wet at 4.5 ft.	X			B5-4.5	0	No groundwater enco	ountered in borehole.
	5 10 15 20								Borehole grouted on 6 pipe and neat cement with Alameda County was on site to observe of the borehole. Soil samples G2-2.5 a collected for geotechr	i/9/11 using a tremie grout. Mr. Steve Miller, Public Works Agency, and document grouting and G2-3.5 were nical evaluation.
	30									

PAGE	1	OF	1
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в	BORING NO.: G3 PROJECT NO.: 0553 PROJECT NAME: Basics - Cathedral Gardens, Oakland BORING LOCATION: Approximately 15 ft. east of church rectory building ELEVATION AND NATURE MORE												
В	ORING	LO	CATION: Approximately 15 ft. east of church rectory build	ldin	g				ELEVATIO	NAND DATUM: None			
DI		G A(SENCY: Vironex		DRILLEF	a: Joł	ın	DA	ATE & TIME STARTED: 6/9/11 1050	DATE & TIME FINISHED: 6/9/11			
	KILLIN	GE	QUIPMENT: Geoprobe 6600						1030	1130			
C	OMPLE	TIO	N DEPTH: 4.0 Feet BEDROCK DEPTH:	Not	t Encou	ntere	d		LOGGED BY: MLD	CHECKED BY:			
FI	RST WA	TE	R DEPTH: Not Encountered NO. OF SAMPLES:	2 S	oil					1-ME			
DEPTH (FT.			DESCRIPTION		GRAPHIC COLUMN	BLOW COUNT PER 6"	WELL CONSTRUCTION LOG	DID	REM	ARKS			
-		_	0.0 to 0.5 ft. Concrete (4-inches) and base rock (FILL).		FILL		No Well	0	Borehole continuous	sly cored from 0.0 to			
		_	stiff, moist, with orange mottling.		ML		Constructed		Geoprobe Macrocor sampler was lined w	e barrel sampler. The rith 4.8-foot long 1.5-			
E		_	2.5 to 4.0 ft. Dark brown silty clay (CL): soft. moist	X			G3-2.5	0	inch O.D. transparer	10 ft recovery			
F			to saturated. No PHC odor. Wet at 3.0 ft.	x	CL		G3-4.0		No groundwater ence	4.0 It it covery			
_	5	_	Saturated at 3.5 ft.					0					
									Borehole grouted on 6 pipe and neat cement with Alameda County was on site to observe of the borehole.	y/9/11 using a tremie grout. Mr. Steve Miller, Public Works Agency, and document grouting			
_									Soil samples G3-2.5 a collected for geotechi	and G3-4.0 were nical evaluation.			
F	10	_											
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When Quality	nalytical, Inc. _{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; C	athedral Gardens	Date Sampled:	06/09/11			
655 12th Street Suite 126			Date Received:	06/09/11			
	Client Contact: Donavan 7	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.

PROJECT NUMBER:		P	ROJECT	NAME:					1	11	11	11	/	
.0553			BASI 6-6	CS- artino 34 215 AKLA	CATHEDR Lither King SF and C	AL GARDENS TA. Why 35 Dondst		(ES);	* Estate		EALS	4	/	
SAMPLED BY: (PRIN	HENES	SIGNAT	URE)	110	ischere		AUNERS	Ser 19	# Ly	1/	11	SERVAN	RE	MARKS
SAMPLE NUMBER	DATE	TIME	TYPE		SAMPLE LOC	NOITA	NUM	VA	13	3	1/	384		
B1-05	6/9/11	0935	Soil				1	X	X	X	10	= NGRI	WAL TH	AR AROUND
B1-4,5	47	0940	1				1	X	X	M		il	n	đ
B1-9.5		0945					1	X	X	X		in	41	79
B2-6.5		835					1	X	X	X		17	u .	n
B2-4.5		0840						X	X	X		()	23	W
B2-9.5		0850						V	X	X		ŋ	η	"
83-0.5		0905					1	M	X	K		11	-1	17
B3-4.5		0910					1	X	X	X		15	11	
B3-9.5		0915					1	XT	X	X		M	"	71
B4-4.5		1020					11	X	X	X		1 21	17	10
B5-4.5	V	2035	V					X	X	X	1	/ "	m	н
									++	++	+			
								IT	++-					
									++	++	+			
RELINQUISHED BY: (SIGNATURE	.)	DATE/	TIME	RECEIVED B	SIGNATURE)		TOTAL		us	11 1	ABORATO	RY:	
Allichon / 1/4 NO	harris	61	9/11	130		(>	TOTAL N	D. OF CONT	MMOILS		1 Court	nal	AN (OI VITICAL
RELINQUISHED BY: (SIGNATURE	3/1	DATE	TIME	RECEIVED B	(SIGNATURE)		LABO	RATORY	CONT	ACT: L	ABORATO	RY PHO	NE NUMBER:
		61	2/11	1330	Mai	invi	0	AiG	LA RYI	ELIU	\$ 0	877 1 0	252-	9262
RELINQUISHED BY: (S	ICNATURE	.)	DATE	TIME	RECEIVED FO	R LABORATORY	BY:		SAME	LE AN	ALYSIS	REQUES	SHEET	

Page 2 of 29



McCampbell Analytical, Inc. "When Ouality Counts"

Sample Receipt Checklist

Client Name: Basics Environmental			Date a	nd Time Received: 6/	9/2011 1:31:21 PM					
Project Name: #0553; Cathedral Gardens			Check	list completed and revie	wed by: Maria Venegas					
WorkOrder N°: 1106323 Matrix Soil			Carrier	: Rob Pringle (MAI C	Courier)					
Chair	n of Cus	stody (CC	DC) Informatio	on						
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	\checkmark	No 🗆							
<u>s</u>	ample	Receipt	Information							
Custody seals intact on shipping container/cooler?	Yes		No 🗆	NA						
Shipping container/cooler in good condition?	Yes	\checkmark	No 🗆							
Samples in proper containers/bottles?	Yes	✓	No 🗆							
Sample containers intact?	Yes	✓	No 🗆							
Sufficient sample volume for indicated test?	Yes	✓	No 🗌							
Sample Prese	rvation	and Hold	d Time (HT) Ir	formation						
All samples received within holding time?	Yes	✓	No 🗌							
Container/Temp Blank temperature	Coole	er 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	\checkmark					
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:

Basics Environmental 655 12th Street, Suite 126 Client Project ID: #0553; Cathedral Gardens Date Sampled: 06/09/11 Oakland, CA 94607 Client Contact: Donavan Tom Date Extracted: 06/09/11 Oakland, CA 94607 Client P.O.: Date Extracted: 06/09/11 Uotatile Organics by P&T and GC/MS (Basic Target List)* Extracted: 06/10/11 Function Method: SW3030B Analytical Method: SW3260B Work Order: 106323-001A Client ID 1106323-001A Bit 405 Compound Concentration * DF Reporting Compound Concentration * DF Reporting Compound Acetone ND 1.0 0.005 Bromocharcane ND 1.0 0.005 Bromochhoromethane ND 1.0 0.005 Bromochiromethane ND 1.0 0.005 Chirobenzene ND 1.0 0.005 Bromochiromethane ND 1.0 0.005 Bromochiromethane ND 1.0 0.005 Bromochiromethane ND 1.0 0.005 Chearothiro ND 1.0 <td< th=""><th>McCampbell A "When Quality</th><th>nalytical, In ^{y Counts"}</th><th><u>C.</u></th><th></th><th>1534 Willow I Web: www.mccamp Telephone: 8</th><th>Pass Road, Pittsburg, CA bell.com E-mail: ma 877-252-9262 Fax: 92</th><th>A 94565-1701 in@mccampbell.com 25-252-9269</th><th></th><th></th></td<>	McCampbell A "When Quality	nalytical, In ^{y Counts"}	<u>C.</u>		1534 Willow I Web: www.mccamp Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: ma 877-252-9262 Fax: 92	A 94565-1701 in@mccampbell.com 25-252-9269						
	Basics Environmental	Client P	roject II	D: #0:	553; Cathedral	Date Sampled:	06/09/11						
DSS 1/21h Street, Suite 1/20 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)* Lab ID The Method: SW800B Work Order: 1106323-001A Compound Concentration * DF Roomad	(55.10)h Olarad Orita 10(Gardens	5			Date Received: 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)* Estraction Method: \$W3200B Work Order: 1106323 Lab ID 1106323-001A Client ID Bit of the second	655 12th Street, Suite 126	Client C	Contact:	Donav	an Tom	Date Extracted:	: 06/09/11						
Volatile Organics by P&T and GC/MS (Basic Target List)* Estraction Method: \$W\$00B Work Order: 1106323 Lab ID 1106323-001A Climit ID BI-05 Matrix Soil Compound Concentration * DF Reventing Compound Concentration * DF Reventing Acetone ND 1.0 0.0005 Bromochloromethane ND 1.0 0.0005 Bromochloromethane ND 1.0 0.0005 Compound Concentration * DF 1.0 0.0005 Bromochloromethane ND 1.0 0.0005 Bromochloromethane ND 1.0 0.0005 Compound Concentration * D 1.0	Oakland, CA 94607	Client P	9.0.:		: 06/10/11								
Extraction Method: SW030B Analytical Method: SW260B Work Order: 1106323 Iab ID 1106323-001A B1-05 B1-05 Soil Soil Soil Soil Image: Soil Soil Soil Soil Soil Soil Soil Soil		Volatile Organi	cs by P	&T an	d GC/MS (Basic T	arget List)*							
Lab ID B1-05 B1-05 Soil Compound Concentration * DF Bit of Soil Compound Concentration * DF Reporting Immit Concentration * DF Bit of Soil Acetone ND 1.0 0.0000 Bromochloromethane ND 1.0 0.0000 Bromochloromethane ND 1.0 0.0005 Chloroform ND 1.0 0.0005 Chloroform <th c<="" td=""><td>Extraction Method: SW5030B</td><td></td><td>Analyti</td><td>cal Meth</td><td>od: SW8260B</td><td></td><td>Work Order: 1106.</td><td>323</td><td></td></th>	<td>Extraction Method: SW5030B</td> <td></td> <td>Analyti</td> <td>cal Meth</td> <td>od: SW8260B</td> <td></td> <td>Work Order: 1106.</td> <td>323</td> <td></td>	Extraction Method: SW5030B		Analyti	cal Meth	od: SW8260B		Work Order: 1106.	323				
Matrix Noil Noil Noil Compound Concentration * DF Reporting Land Compound Concentration * DF Reporting Land Acetone ND 1.0 0.05 tert-Amyl methyl cher (TAME) ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 Bromodenzace ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 Bromodenhane ND 1.0 0.005 Bromoform ND 1.0 0.005 sec-Butyl lenzene ND 1.0 0.005 Carbon Terachoride ND 1.0 0.005 Carbon Terachoride ND 1.0 0.005 Chloroferhane ND 1.0 0.005 Chloroform ND 1.0 0.005 Chlorosthane ND 1.0 0.005 Chlorostorene ND 1.0 0.005 Chlorosthane ND 1.0 0.005 1.2-Dithorostarene ND 1.0 <t< td=""><td> Lab ID Client ID</td><td></td><td></td><td></td><td>1106323 B1-0</td><td>05</td><td></td><td></td><td></td></t<>	Lab ID Client ID				1106323 B1-0	05							
Compound Concentration * DF Regoring instruction Compound Concentration * DF Regoring instruction Acetone ND 1.0 0.05 tert-Amyl methyl ether (TAME) ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 Bromodichloromethane ND 1.0 0.005 Bromoform ND 1.0 0.005 Bromodichloromethane ND 1.0 0.005 2-Butanone (MEK) ND 1.0 0.005 setwityl benzene ND 1.0 0.005 1ert-Butyl benzene ND 1.0 0.005 Carbon Disulfide ND 1.0 0.005 Chloroethane ND 1.0 0.005 Carbon Chronoffarm ND 1.0 0.005 Chloroethane ND 1.0 0.005 Carbon Chronoffarm ND 1.0 0.005 Chloroethane ND 1.0 0.005 2-Chloroothane ND 1.0 0.005 1.2-Dirbhoro-schloromethane ND	Matrix				Soil								
Acetone ND 1.0 0.05 tert-Amyl methyl ether (TAME) ND 1.0 0.005 Bernzene ND 1.0 0.005 Bromodenzene ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 Bromodichloromethane ND 1.0 0.005 2-Butanone (MEK) ND 1.0 0.005 screated (Ref.) ND 1.0 0.005 art-Butyl benzene ND 1.0 0.005 screated (Ref.) ND 1.0 0.005 Carbon Tetrachloride ND 1.0 0.005 Chlorobenzene ND 1.0 0.005 Chlorotethane ND 1.0 0.005 Chlorotoluene ND 1.0 0.005 Chlorotoluene ND 1.0 0.005 Chlorotoluene ND 1.0 0.005 1.2-Dibromo-3-chloropropane ND 1.0 0.005 1.2-Dibromochloromethane ND 1.0 0.005 1.3-Dichlorobenzene ND 1.0 0.005<	Compound	Compound Concentration * DF			Compour	nd	Concentration *	DF	Reporting Limit				
Benzene ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 2-Butanone (MEK) ND 1.0 0.005 schoromothane ND 1.0 0.005 1ert-Butyl benzene ND 1.0 0.005 schorobatik ND 1.0 0.005 Carbon Tetrachloride ND 1.0 0.005 Carbon Disulfide ND 1.0 0.005 Chlorosthane ND 1.0 0.005 Chlorosthane ND 1.0 0.005 Chlorosthane ND 1.0 0.005 2-Chlorotoluene ND 1.0 0.005 Chlorosthane ND 1.0 0.005 1.2-Dibromo-shane (EDB) ND 1.0 0.005 1.2-Dibromo-shane (EDB) ND 1.0 0.005 1.2-Dichlorobenzene ND 1.0 0.005 1.2-Dichlorosthane ND 1.0 0.005	Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)		ND	1.0	0.005				
Bromechloromethane ND 1.0 0.005 Bromodelhoromethane ND 1.0 0.005 Bromoform ND 1.0 0.005 Bromomethane ND 1.0 0.005 2-Butanone (MEK) ND 1.0 0.002 L-Butyl alcohol (TBA) ND 1.0 0.005 r-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 Chlorotethane ND 1.0 0.005 Chlorotoluene ND 1.0 0.005 Chlorotoluene ND 1.0 0.005 Chlorotoluene ND 1.0 0.005 12-Dirbromos-3-chloropropane ND 1.0 0.005 1,2-Dichlorobenzene ND 1.0 0.005 1,3-Dichlorobenzene ND 1.0 0.005 1,2-Dichlorobenzene ND 1.0 0.005 1,2-Dichloropenzene ND 1.0 0.	Benzene	ND	1.0	0.005	Bromobenzene		ND	1.0	0.005				
Bromoform ND 1.0 0.005 Bromethane ND 1.0 0.005 2-Butanone (MEK) ND 1.0 0.02 I-Butyl alcohol (TBA) ND 1.0 0.005 n-Butyl benzene ND 1.0 0.005 Sec-Butyl benzene ND 1.0 0.005 Carbon Tetrachloride ND 1.0 0.005 Carbon Disulfide ND 1.0 0.005 Chlorotethane ND 1.0 0.005 Chlorotoluene ND 1.0 0.005 Chlorotoluene ND 1.0 0.005 Chlorotoluene ND 1.0 0.004 1,2-Dibromo-3-chloropropane ND 1.0 0.004 1,2-Dichlorobenzene ND 1.0 0.005 1,3-Dichlorobethane ND 1.0 0.005 1,4-Dichlorobenzene ND 1.0 0.005 1,2-Dichlorobenzene ND 1.0 0.005 1,4-Dichlorobenzene ND 1.0 0.005 1,2-Dichlorobethane ND 1.0 0	Bromochloromethane	mochloromethane ND 1.0 0.0			Bromodichloromethar	ne	ND	1.0	0.005				
2-Butanone (MEK) ND 1.0 0.02 1-Butyl alcohol (TBA) ND 1.0 0.05 n-Butyl benzene ND 1.0 0.005 scc-Butyl benzene ND 1.0 0.005 Carbon Tetrachloride ND 1.0 0.005 Carbon Disulfide ND 1.0 0.005 Chloroethane ND 1.0 0.005 Chloroform ND 1.0 0.005 Chloroethane ND 1.0 0.005 2-Chlorofoluene ND 1.0 0.005 4.Chlorotoluene ND 1.0 0.005 1,2-Dichoromethane ND 1.0 0.005 1,2-Dichorobnzene ND 1.0 0.005 1,2-Dichoromethane ND 1.0 0.005 1,3-Dichlorobenzene ND 1.0 0.005 1,4-Dichlorobenzene ND 1.0 0.005 1,2-Dichloroethane ND 1.0 0.005 1,4-Dichlorobenzene ND 1.0 0.005 1,2-Dichloroethane ND 1.0 0.00	Bromoform	ND	1.0	0.005	Bromomethane		ND	1.0	0.005				
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 Chlorotoluene ND 1.0 0.005 Chlorotoluene ND 1.0 0.005 4-Chlorotoluene ND 1.0 0.005 Dibromochloromethane ND 1.0 0.004 1,2-Dibrono-3-chloropropane ND 1.0 0.004 1,2-Dibrohorobenzene ND 1.0 0.005 1,3-Dichlorobenzene ND 1.0 0.005 1,4-Dichlorobenzene ND 1.0 0.005 1,2-Dichlorobenzene ND 1.0 0.005 1,1-Dichlorobenzene ND 1.0 0.005 1,2-Dichlorobenzene ND 1.0 0.005 1,1-Dichlorobenzene ND 1.0 0.005 1,2-Dichlorobenzene ND <t< td=""><td>2-Butanone (MEK)</td><td>ND</td><td>1.0</td><td>0.02</td><td>t-Butyl alcohol (TBA)</td><td></td><td>ND</td><td>1.0</td><td>0.05</td></t<>	2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)		ND	1.0	0.05				
Itert-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 Chlorotelhane ND 1.0 0.005 Chlorotoluene ND 1.0 0.005 Chlorotoluene ND 1.0 0.005 Chlorotoluene ND 1.0 0.005 1,2-Dibromo-3-chloropropane ND 1.0 0.005 1,2-Dichlorobenzene ND 1.0 0.004 1,3-Dichlorobenzene ND 1.0 0.005 1,4-Dichlorobenzene ND 1.0 0.005 1,3-Dichlorobenzene ND 1.0 0.005 1,4-Dichlorobenzene ND 1.0 0.005 1,2-Dichloroethane ND 1.0 0.005 1,1-Dichlorobenzene ND 1.0 0.005 1,2-Dichloroethane ND 1.0 0.005 1,1-Dichloroethane ND 1.0 0.005 1,2-Dichloroethane ND 1.0 </td <td>n-Butyl benzene</td> <td>ND</td> <td>1.0</td> <td>0.005</td> <td>sec-Butyl benzene</td> <td></td> <td>ND</td> <td>1.0</td> <td>0.005</td>	n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene		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 4-Chlorotoluene ND 1.0 0.005 2-Chlorotoluene ND 1.0 0.005 1,2-Dibromo-3-chloropropane ND 1.0 0.005 1,2-Dichlorobenzene ND 1.0 0.004 Dibromoethane ND 1.0 0.005 1,2-Dichlorobenzene ND 1.0 0.005 1,3-Dichlorobenzene ND 1.0 0.005 1,1-Dichlorobenzene ND 1.0 0.005 1,2-Dichlorobenzene ND 1.0 0.005 1,1-Dichlorobenzene ND 1.0 0.005 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.005 1,3-Dichloroptenee ND 1.0 0.005 1,2-Dichloropropane ND 1.0 0.005 1,3-Dichloroptopane ND 1.0 0.005 2,2-Dichloropropane ND	tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide		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 1,2-Dibromo-3-chloropropane ND 1.0 0.005 Dibromochloromethane ND 1.0 0.004 1,2-Dibromo-3-chloropropane 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 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.005 trans-1,2-Dichloroethane ND 1.0 0.005 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.005 trans-1,2-Dichloroethene ND 1.0 0.005 1,2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropane ND 1.0 0.005 1,2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropane ND 1.0 0.005 2,2	Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene		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-Dichlorobenzene ND 1.0 0.005 1,3-Dichlorobenzene ND 1.0 0.005 1,4-Dichlorobenzene ND 1.0 0.005 1,3-Dichloromethane ND 1.0 0.005 1,4-Dichlorobenzene ND 1.0 0.005 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.005 trans-1,2-Dichloroethane ND 1.0 0.005 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 trans-1,2-Dichloropropane ND 1.0 0.005 2,2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropene ND 1.0 0.005 Disporopy	Chloroethane	ND	1.0	0.005	Chloroform		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 Dibromoethane ND 1.0 0.005 1,2-Dichlorobenzene ND 1.0 0.005 Dichlorodifluoromethane ND 1.0 0.005 1,4-Dichlorobenzene ND 1.0 0.005 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.005 trans-1,2-Dichloroethane ND 1.0 0.005 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 trans-1,3-Dichloropropane ND 1.0 0.005 2,2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropene ND 1.0 0.005 2,2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropene ND 1.0 0.005	Chloromethane	ND	1.0	0.005	2-Chlorotoluene		ND	1.0	0.005				
I,2-Dibromo-5-chloropropane ND 1.0 0.004 I,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 1,2-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-Dichloroethane ND 1.0 0.005 i,2-Dichloroethene ND 1.0 0.005 trans-1,2-Dichloroethene ND 1.0 0.005 1,2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropane ND 1.0 0.005 2,2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropene ND 1.0 0.005 Disopropyl ether (DIPE) ND 1.0 0.005 Ethylbenzene ND 1.0 0.005 <td< td=""><td>4-Chlorotoluene</td><td>ND</td><td>1.0</td><td>0.005</td><td>Dibromochloromethar</td><td>ne</td><td>ND</td><td>1.0</td><td>0.005</td></td<>	4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethar	ne	ND	1.0	0.005				
Diomonnetnane 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-Dichloroethane ND 1.0 0.005 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 trans-1,2-Dichloropropane ND 1.0 0.005 2,2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropane ND 1.0 0.005 cis-1,3-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropene ND 1.0 0.005 Disopropyl ether (DIPE) ND 1.0 0.005 Freon 113 ND 1.0 0.005 Ethyl ter	1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (E	EDB)	ND	1.0	0.004				
I.3-Dichloroberizene ND I.0 0.003 I.4-Dichloroberizene ND I.0 0.003 Dichlorodifluoromethane ND 1.0 0.005 I.1-Dichloroethane ND 1.0 0.005 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.004 I,1-Dichloroethene ND 1.0 0.005 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 trans-1,2-Dichloroethene ND 1.0 0.005 2,2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropane ND 1.0 0.005 cis-1,3-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropene ND 1.0 0.005 Disopropyl ether (DIPE) ND 1.0 0.005 Freon 113 ND 1.0 0.005 Ethyl tert-butyl ether (ETBE) ND 1.0 0.005 Isopropylenzene ND 1.0 0.005	1.2 Dishlarahangana	ND	1.0	0.005	1,2-Dichlorobenzene		ND	1.0	0.005				
Dicknown and on change ND 1.0 0.003 1,1-Dichloroethane ND 1.0 0.003 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 trans-1,2-Dichloropropane ND 1.0 0.005 2,2-Dichloropropane ND 1.0 0.005 1,1-Dichloropropane ND 1.0 0.005 cis-1,3-Dichloropropane 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 Hexachloroethane ND 1.0 0.005 2-Hexanone ND 1.0 0.005 Isopropylbenzene ND 1.0 0.005 4-Isopr	Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane		ND	1.0	0.005				
1.2-Dichloroethane (12-DCA) ND 1.0 0.004 1.1-Dichloroethane 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 trans-1,2-Dichloropropane ND 1.0 0.005 2,2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropane ND 1.0 0.005 cis-1,3-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropane 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 Hexachloroethane ND 1.0 0.005 2-Hexanone ND 1.0 0.005 Isopropylbenzene ND 1.0 0.005 2-Hexanone ND 1.0 0.005 Methyl-2-pentanone (MIBK) ND 1.0 0.005 4-Isopr	1.2-Dichloroethane (1.2-DCA)	ND	1.0	0.003	1,1-Dichloroethene	ND	1.0	0.005					
Instruction	cis-1 2-Dichloroethene	ND	1.0	0.004	trans-1 2-Dichloroethe	ene	ND	1.0	0.005				
ND ND<	1.2-Dichloropropage	ND	1.0	0.005	1 3-Dichloropropane		ND	1.0	0.005				
Lip Lip <thlip< th=""> <thlip< th=""> <thlip< th=""></thlip<></thlip<></thlip<>	2.2-Dichloropropane	ND	1.0	0.005	1.1-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 Tetrachloroethane ND 1.0 0.005 1,1,2,2-Tetrachloroethane ND	cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropro	pene	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 1,1,2-Tetrachloroethane ND 1.0 0.005 1,1,2,2-Tetrachloroethane ND 1.0 0.005 Tetrachloroethane ND 1.0 0.005 Toluene ND 1.0 0.005 1,2,3-Trichlorobenzene ND 1.0 0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene		ND	1.0	0.005				
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 1,1,2-Tetrachloroethane ND 1.0 0.005 1,1,2,2-Tetrachloroethane ND 1.0 0.005 Tetrachloroethane ND 1.0 0.005 Toluene ND 1.0 0.005 1,2,3-Trichlorobenzene ND 1.0 0.005	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113		ND	1.0	0.1				
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 Tetrachloroethane ND 1.0 0.005 Toluene ND 1.0 0.005 1,2,3-Trichlorobenzene ND 1.0 0.005	Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane		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 Tetrachloroethane ND 1.0 0.005 Toluene ND 1.0 0.005 1,2,3-Trichlorobenzene ND 1.0 0.005	2-Hexanone	ND	1.0	0.005	Isopropylbenzene		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 1,1,2-Tetrachloroethane ND 1.0 0.005 1,1,2,2-Tetrachloroethane ND 1.0 0.005 Tetrachloroethane ND 1.0 0.005 Toluene ND 1.0 0.005 1,2,3-Trichlorobenzene ND 1.0 0.005	4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	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 1,1,2-Tetrachloroethane ND 1.0 0.005 1,1,2,2-Tetrachloroethane ND 1.0 0.005 Tetrachloroethane ND 1.0 0.005 Toluene ND 1.0 0.005 1,2,3-Trichlorobenzene ND 1.0 0.005	Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone	e (MIBK)	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 Tetrachloroethane ND 1.0 0.005 Toluene ND 1.0 0.005 1,2,3-Trichlorobenzene ND 1.0 0.005	Naphthalene	ND	1.0	0.005	n-Propyl benzene		ND	1.0	0.005				
1,1,2,2-Tetrachloroethane ND 1.0 0.005 Tetrachloroethane ND 1.0 0.005 Toluene ND 1.0 0.005 1,2,3-Trichlorobenzene ND 1.0 0.005	Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroeth	ane	ND	1.0	0.005				
Toluene ND 1.0 0.005 1.2,3-Trichlorobenzene 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	1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005				
1,1,2- 1 richlorofthaneND 1.0 0.005 $1.2,2$ TrichlorofthaneND 1.0 0.005 TrichlorofthaneND 1.0 0.005 $1.2,2$ TrichlorofthaneND 1.0 0.005	1,1,2-1richloroethane	ND	1.0	0.005	1 2 2 Trichlement	2	ND	1.0	0.005				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1 2 4 Trimethylbongene	ND	1.0	0.005	1,2,3-1 ricnioropropan		ND	1.0	0.005				
1,2,+-TrifficultytochizeneND $1,0$ 0.005 $1,5,5$ -TrifficultytochizeneND $1,0$ 0.005 Vinvl ChloridaND $1,0$ 0.005 Vylanas TotalND $1,0$ 0.005	1,2,4-IIIIneuryittenzene		1.0	0.005	1,5,5-11iineunyidenzei Xylanas Total		ND	1.0	0.005				
Vinyi Cinoride IND I.0 0.003 Aytelies, Total IND I.0 0.003		ND	1.0	0.003	Ayrenes, rotal		ND	1.0	0.005				
	0/ \$\$1.	01	iyate R			10	2						
/0551. 91 %0552: 102	/0551.	91	. <u> </u>		70352:		10.	2					
Comments:	Comments:	99			1								

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

McCampbell A "When Quality	nalytical, In ty Counts"	<u>C.</u>		1534 Willow I Web: www.mccamp Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: ma 877-252-9262 Fax: 92	A 94565-1701 in@mccampbell.com 25-252-9269						
Basics Environmental	Client P	Project II	D: #0	553; Cathedral	Date Sampled:	06/09/11						
	Gardens	5			Date Received:	te Received: 06/09/11						
655 12th Street, Suite 126	Client C	Contact:	Donav	06/09/11								
Oakland, CA 94607	Client P	9.0.:			: 06/10/11							
Extraction Method: SW5030B	Volatile Organi	ics by Pa Analyti	& T an cal Meth	d GC/MS (Basic T od: SW8260B	arget List)*	Work Order: 1106.	323					
Lab ID				1106323	-002A							
Client ID Matrix				B1-4.5 Soil								
Compound	Compound Concentration * DF			Compour	n ad	Concentration *	DE	Reporting				
A satana	ND	DF	Limit	Compound		ND	1.0	Limit				
Benzene	ND	1.0	0.005	tert-Amyl methyl ether (TAME)		ND	1.0	0.005				
Bromochloromethane	behloromethane ND 1.0 0.005		Bromodichloromethar	le	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	Dibromochloromethan	ne	ND	1.0	0.005				
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (E	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					
Dichlorodifiuoromethane	ND	1.0	0.005	1,1-Dichlere ethane	ND	1.0	0.005					
is 1.2 Dichloroethene	ND	1.0	0.004	trans 1.2 Dichloroethe	ana	ND	1.0	0.005				
1.2 Dichloropropage	ND	1.0	0.005	1.3 Dichloropropage		ND	1.0	0.005				
2 2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane		ND	1.0	0.005				
cis-1 3-Dichloropropene	ND	1.0	0.005	trans-1 3-Dichloropro	nene	ND	1.0	0.005				
Disopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	pene	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	e (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-Tetrachloroeth	ane	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				
1,1,2-1richloroethane	ND	1.0	0.005	1 2 2 Trichlement	2	ND	1.0	0.005				
1.2.4 Trimethylbenzone	ND	1.0	0.005	1,2,3-1 richloropropan		ND	1.0	0.005				
Vinyl Chloride	ND	1.0	0.005	Xylenes Total	ND	1.0	0.005					
	nD	1.0		$\frac{1}{2} \frac{1}{2} \frac{1}$		μD	1.0	0.005				
0/SS1-	00	5urr(iyale K	0/SS2.		10	r					
%\$\$3.	10	5		/0552.		10	<u>~</u>					
Comments:	10.			J								

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

	McCampbell A "When Quality"	nalytical, In	<u>C.</u>		1534 Willow I Web: www.mccamp Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: ma 877-252-9262 Fax: 92	A 94565-1701 in@mccampbell.com 25-252-9269							
Gardens Date Received: 06/09/11 Colspan="2">Date Extracted: 06/09/11 Colspan="2">Date Extracted: 06/09/11 Date Analyzed: 06/10/11 Date Analyzed: 06/10/11 Use Analyzed: 06/10/11 Date Analyzed: 06/10/10 Date	Basics Environmental	Client P	Project ID	: #0:	553; Cathedral	Date Sampled:	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: \$W500B Work Order: 1106323-003A Compound Concentration * DF #analytical Method: \$W5200B Work Order: 1106323 Compound Concentration * DF #analytical Method: \$W5200B Work Order: 1106323 Compound Concentration * DF #analytical Method: \$W5200B Work Order: 1106323 Brance ND 1.0 0.005 Berozene ND 1.0 0.005 Bromomethane ND 1.0 0.005 Bromoderloremethane ND 1.0 0.005 Bromomethane ND 1.0 0.005 Bromoderloremethane ND 1.0 0.005 Bromomethane ND 1.0 0.005 Bromoderloremethane ND 1.0 0.005 Edron Dist		Gardens	5			Date Received: 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: SW5008 Work Order: 110523 Lab ID 1106323-003A B1-9.5 Matrix Soll B1-9.5 Compound Concentration * DF Compound Concentration * DF Acetone ND 1.0 0.005 tert-Annyl methyl ether (TAME) ND 1.0 0.005 Bromochizomethane ND 1.0 0.005 Bromochizomethane ND 1.0 0.005 Bromochizomethane ND 1.0 0.005 Bromochizomethane ND 1.0 0.005 Bromochizomethane ND 1.0 0.005 Evaluation (TBA) ND 1.0 0.005 Chromotethane ND 1.0 0.005 Evaluation (TBA) ND 1.0 0.005 Chromotethane ND 1.0 0.005 Evaluation (TBA) ND 1.0 0.005 Chorotonizame	655 12th Street, Suite 126	Client C	Contact:]	Donav	an Tom	Date Extracted:	06/09/11							
Volatile Organics by P& T and GC/MS (Basic Target List)* Extraction Method: \$W93000 Work Order: 1106223 Lab ID 1106223-003A Clinent ID BI-9.5 Soil Compound Concentration * DF Reporting Compound Concentration * DF Reporting Compound Concentration * DF Reporting Acetone ND 1.0 0.0005 Bromochoromethane ND 1.0 0.0005 Bromochoromethane ND 1.0 0.0005 Chromochoromethane ND 1.0 0.0005 Compound Concentration * DF No And GC/MS (Basic Target List)* ND ND 1.0 0.0005 <	Oakland, CA 94607	Client P	9.0.:			.: 06/10/11								
Lation Method SW8200B Work Order 1106323-003A Client ID 1106323-003A B1-9.5 Matrix Soil Compound Concentration * DF Reporting I and Compound Concentration * DF Reporting I and Soil Acetone ND 1.0 0.05 tert-Anyl methyl ether (TAME) ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 Bromoden/ane ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 Bromoden/ane ND 1.0 0.005 2-Butanone (MEK) ND 1.0 0.005 Carbon Disulfide ND 1.0 0.005 Carbon Tetrachloride ND 1.0 0.005 Carbon Disulfide ND 1.0 0.005 Chlorothane ND 1.0 0.005 Chlorotohane ND 1.0 0.005 Carbon Tetrachloride ND 1.0 0.005 Chlorotohane ND 1.0 0.005		Volatile Organ	ics by P &	aT an	d GC/MS (Basic T	arget List)*								
Lad D Introduction Internation Client ID B1-9.5 Matrix Soil Compound Concentration DF Reporting Line Compound Concentration DF Reporting Line Acetone ND 1.0 0.05 tert-Amy turbly ether (TAME) ND 1.0 0.005 Brancene ND 1.0 0.005 Bromodichorenethane ND 1.0 0.005 Bromoform ND 1.0 0.005 Bromodichare ND 1.0 0.005 2-Butanone (MEK) ND 1.0 0.005 sc-Butyl berzene ND 1.0 0.005 tert-Butyl benzene ND 1.0 0.005 Carbon Disulfide ND 1.0 0.005 Chloroethane ND 1.0 0.005 Chlorobarcene ND 1.0 0.005 Carbon Tetrachloride ND 1.0 0.005 Line ND 1.0 0.005 1_2-Dibromocharone ND 1.0	Extraction Method: SW5030B		Analytic	al Meth	0d: SW8260B	0024	work Order: 1106.	323						
Matrix Soil Compound Concentration * DF Reporting Land Compound Concentration * DF Reporting Land Acetone ND 1.0 0.05 tert-Amyl methyl effer (TABE) ND 1.0 0.005 Benzene ND 1.0 0.005 Bromochazene ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 Bromodichloromethane ND 1.0 0.005 Bromochlorome(MEK) ND 1.0 0.005 scenaryl benzene ND 1.0 0.005 Carbon Tetrachloride ND 1.0 0.005 carbon Disulfide ND 1.0 0.005 Chloromethane ND 1.0 0.005 Chloroform ND 1.0 0.005 Chloromethane ND 1.0 0.005 2-Chlorotolucre ND 1.0 0.005 1.2-Dichorosongane ND 1.0 0.005 1.2-Dichlorobenzene ND 1.0 0.005 1.2	Client ID				1106323-003A B1-9.5									
Compound Concentration * DF Regenting imit Compound Concentration * DF Regenting imit Acetone ND 1.0 0.05 tert-Amyl methyl ether (TAME) ND 1.0 0.005 Benzone ND 1.0 0.005 Bromochichloromethane ND 1.0 0.005 Bromochicomethane ND 1.0 0.005 Bromochichloromethane ND 1.0 0.005 2-Butanone (MEK) ND 1.0 0.005 scenaryl benzene ND 1.0 0.005 2-Butanone (MEK) ND 1.0 0.005 scenaryl benzene ND 1.0 0.005 Carbon Tetrachloride ND 1.0 0.005 Carbon Disulfide ND 1.0 0.005 Chloroethane ND 1.0 0.005 Chloroform ND 1.0 0.005 1_2-Dibromo-3-chloropropane ND 1.0 0.005 1_2-Dichloroethane ND 1.0 0.005 1_2-Dichloroethane ND	Matrix				Soil									
Acetone ND 1.0 0.05 lert-Amyl methyl ether (TAME) ND 1.0 0.005 Benzene ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 2-Butanone (MEK) ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 2-Butanone (MEK) ND 1.0 0.005 Carbon Disulfide ND 1.0 0.005 Charochlane ND 1.0 0.005 Carbon Disulfide ND 1.0 0.005 Chloroethane ND 1.0 0.005 Chloroform ND 1.0 0.005 4-Chlorotoluene ND 1.0 0.005 Dibromocharge ND 1.0 0.005 1.2-Dibromotane ND 1.0 0.004 1.2-Dibromotane ND 1.0 0.005 1.2-Dibromotane ND 1.0 0.005 1.2-Dichlo	Compound	Compound Concentration * DF			Compour	nd	Concentration *	DF	Reporting Limit					
Benzene ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 Bromochloromethane ND 1.0 0.005 Bromodichloromethane ND 1.0 0.005 2-Butanone (MEK) ND 1.0 0.005 Bromomethane ND 1.0 0.005 n-Butyl benzene ND 1.0 0.005 See-Butyl benzene ND 1.0 0.005 Carbon Tetrachloride ND 1.0 0.005 Chlorobenzene ND 1.0 0.005 Chloromethane ND 1.0 0.005 Chloromethane ND 1.0 0.005 Chloromethane ND 1.0 0.005 Chloromethane ND 1.0 0.005 1.2-Dibromo-3-chloropropane ND 1.0 0.005 1.2-Dibromochane (EDB) ND 1.0 0.005 1.3-Dichlorobenzene ND 1.0 0.005 1.4-Dichlorobenzene ND 1.0 0.005 1.2-Dichlorotofinaro ND 1.0 0.	Acetone	ND	1.0	0.05	tert-Amyl methyl ethe	r (TAME)	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 Brunnoform ND 1.0 0.005 se-Butylenzene ND 1.0 0.005 Lebtatone (MEK) ND 1.0 0.005 cs-Butylenzene ND 1.0 0.005 tert-Butyl benzene ND 1.0 0.005 Chlorobenzene ND 1.0 0.005 Chlorocethane ND 1.0 0.005 Chlorobenzene ND 1.0 0.005 Chlorotoluene ND 1.0 0.005 2-Chlorotoluene ND 1.0 0.005 1.2-Dibromo-3-chloropropane ND 1.0 0.005 1.2-Dibromo-brane (EDB) ND 1.0 0.005 1.2-Dibromo-shloropropane ND 1.0 0.005 1.2-Dichlorobenzene ND 1.0 0.005 1.2-Dichloroethane (1.2-DCA) ND 1.0 <t< td=""><td>Benzene</td><td>ND</td><td>1.0</td><td>0.005</td><td>Bromobenzene</td><td></td><td>ND</td><td>1.0</td><td>0.005</td></t<>	Benzene	ND	1.0	0.005	Bromobenzene		ND	1.0	0.005					
Bromorform ND 1.0 0.005 Bromorethane ND 1.0 0.005 2-Butanone (MEK) ND 1.0 0.005 FButyl alcohol (TBA) ND 1.0 0.005 n-Butyl benzene ND 1.0 0.005 Carbon Disulfide ND 1.0 0.005 Carbon Tetrachloride ND 1.0 0.005 Carbon Disulfide ND 1.0 0.005 Chlorothane ND 1.0 0.005 Chloroton ND 1.0 0.005 Chlorothuene ND 1.0 0.005 Chlorotonethane ND 1.0 0.005 12-Dibromo-3-chloropropane 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 1,2-Dichlorothane (1,2-DCA) ND 1.0 0.005 1,1-Dichloroptane ND 1.0 0.005 1,2-Dichlorothenzene ND 1.0 <t< td=""><td colspan="3">romochloromethane ND 1.0 (</td><td>0.005</td><td>Bromodichloromethar</td><td>ne</td><td>ND</td><td>1.0</td><td>0.005</td></t<>	romochloromethane ND 1.0 (0.005	Bromodichloromethar	ne	ND	1.0	0.005					
2-Butanone (MEK) ND 1.0 0.02 I-Butyl benzene ND 1.0 0.005 n-Butyl benzene ND 1.0 0.005 Carbon Disulfide ND 1.0 0.005 Carbon Tetrachloride ND 1.0 0.005 Carbon Disulfide ND 1.0 0.005 Chlorosethane ND 1.0 0.005 Chloroform ND 1.0 0.005 Chlorosethane ND 1.0 0.005 2-Chlorotoluene ND 1.0 0.005 4-Chlorotoluene ND 1.0 0.005 2-Chlorotoluene ND 1.0 0.005 1.2-Dibromo-3-chloropropane 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 1.2-Dichloroethane ND 1.0 0.005 1,1-Dichloroethane ND 1.0 0.005 1.2-Dichloroethane ND 1.0 0	Bromoform	ND	1.0	0.005	Bromomethane		ND	1.0	0.005					
n-Buryl benzene ND 1.0 0.005 sec-Buryl benzene ND 1.0 0.005 carbon Tetrachloride ND 1.0 0.005 Carbon Disulfide ND 1.0 0.005 Choroethane ND 1.0 0.005 Chloroform ND 1.0 0.005 Chloroothane ND 1.0 0.005 Chloroform ND 1.0 0.005 Chloroothane ND 1.0 0.005 2-Chloroothane ND 1.0 0.005 1.2-Dibtromo-3-chloropropane 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 1.3-Dichloroothene ND 1.0 0.005 1.4-Dichlorobenzene ND 1.0 0.005 1.2-Dichloroothene ND 1.0 0.005 1.1-Dichloroethene ND 1.0 0.005 1.2-Dichloroothene ND 1.0 0.00	2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	1	ND	1.0	0.05					
Iter-Buyl 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 Chlorotchane ND 1.0 0.005 Chlorotoluene ND 1.0 0.005 Chlorotoluene ND 1.0 0.005 2-Chlorotoluene ND 1.0 0.005 1,2-Dibromo-3-chloropropane ND 1.0 0.004 1,2-Dibromo-chlane (EDB) ND 1.0 0.004 Dibromomethane ND 1.0 0.005 1,4-Dichlorobenzene ND 1.0 0.005 1,3-Dichloroethane (1,2-DCA) ND 1.0 0.005 1,1-Dichloroethane ND 1.0 0.005 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.005 trans-1,2-Dichloroethene ND 1.0 0.005 1,2-Dichloroethene ND 1.0 0.005 trans-1,3-Dichloroethene ND 1.0 0.005 1,2-Dichloroethene <	n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene		ND	1.0	0.005					
Carbon Tetrachloride ND 1.0 0.005 Chlorobenzene ND 1.0 0.005 Chloroothane ND 1.0 0.005 Chloroform ND 1.0 0.005 4-Chlorotoluene ND 1.0 0.005 2-Chlorotoluene ND 1.0 0.005 1.2-Dibromo-3-chloropropane ND 1.0 0.005 1.2-Dibromoethane (EDB) ND 1.0 0.005 1.3-Dichlorobenzene ND 1.0 0.005 1.4-Dichlorobenzene ND 1.0 0.005 1.3-Dichlorobenzene ND 1.0 0.005 1.4-Dichlorobenzene ND 1.0 0.005 1.2-Dichloroethane (1,2-DCA) ND 1.0 0.005 1.3-Dichloroethane ND 1.0 0.005 1.2-Dichloroethane (1,2-DCA) ND 1.0 0.005 1.3-Dichloroethane ND 1.0 0.005 1.2-Dichloropropane ND 1.0 0.005 1.3-Dichloropropane ND 1.0 0.005 2.2-Dichloropropane <t< td=""><td>tert-Butyl benzene</td><td colspan="2">t-Butyl benzene ND 1.0</td><td>0.005</td><td>Carbon Disulfide</td><td colspan="3">Carbon Disulfide</td><td>0.005</td></t<>	tert-Butyl benzene	t-Butyl benzene ND 1.0		0.005	Carbon Disulfide	Carbon Disulfide			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 1,2-Dibromo-3-chloropropane ND 1.0 0.005 1,2-Dibromoethane (EDB) ND 1.0 0.004 1,3-Dichlorobenzene ND 1.0 0.005 1,2-Dichlorobenzene ND 1.0 0.005 1,3-Dichlorobenzene ND 1.0 0.005 1,1-Dichlorobenzene ND 1.0 0.005 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.005 trans-1,2-Dichloroethane ND 1.0 0.005 1,2-Dichloropropane ND 1.0 0.005 trans-1,2-Dichloroethene ND 1.0 0.005 1,2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloroptene ND 1.0 0.005 2,2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloroptopene ND 1.0 0.005 2,2-Dichloropropane	Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene		ND	1.0	0.005					
Chioromethane ND 1.0 0.005 2-chiorotoluene 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-Dibromochane (EDB) ND 1.0 0.005 1,3-Dichlorobenzene ND 1.0 0.005 1,4-Dichlorobenzene ND 1.0 0.005 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.005 1,1-Dichloroethane ND 1.0 0.005 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.005 trans-1,2-Dichloroethane ND 1.0 0.005 1,2-Dichloroptene ND 1.0 0.005 trans-1,2-Dichloroptene ND 1.0 0.005 1,2-Dichloroptopane ND 1.0 0.005 trans-1,3-Dichloroptene ND 1.0 0.005 1,2-Dichloroptopane ND 1.0 0.005 trans-1,3-Dichloroptopene ND 1.0 0.005 2,	Chloroethane	ND	1.0	0.005	Chloroform		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-Dibromochlane (EDB) ND 1.0 0.004 Dibromomethane ND 1.0 0.005 1,2-Dichlorobenzene ND 1.0 0.005 Dichlorodffluoromethane ND 1.0 0.005 1,1-Dichlorobenzene ND 1.0 0.005 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.005 trans-1,2-Dichloroethene ND 1.0 0.005 1,2-Dichloroptopane ND 1.0 0.005 trans-1,2-Dichloroethene ND 1.0 0.005 1,2-Dichloroptopane ND 1.0 0.005 trans-1,2-Dichloroethene ND 1.0 0.005 1,2-Dichloroptopane ND 1.0 0.005 trans-1,3-Dichloroptopane ND 1.0 0.005 2,2-Dichloropropene ND 1.0 0.005 trans-1,3-Dichloroptopene ND 1.0 0.005	Chloromethane	ND	1.0	0.005	2-Chlorotoluene		ND	1.0	0.005					
1,2-Dibromo-s-chloropropane ND 1.0 0.004 1,2-Dichorobenzene ND 1.0 0.004 Dibromomethane ND 1.0 0.005 1,2-Dichlorobenzene ND 1.0 0.005 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 0.005 trans-1,2-Dichloroethene ND 1.0 0.005 1,2-Dichloroptopane ND 1.0 0.005 trans-1,2-Dichloroethene ND 1.0 0.005 2,2-Dichloroptopane ND 1.0 0.005 1,3-Dichloroptopane ND 1.0 0.005 2,2-Dichloroptopane ND 1.0 0.005 trans-1,3-Dichloroptopane ND 1.0 0.005 Disopropylether (DIPE) ND 1.0 0.005 Freon 113 ND 1.0 0.005 Ethyl tert-buty	4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethar		ND	1.0	0.005					
Diomonneume ND 1.0 0.003 1,2-Dichlorobenzene ND 1.0 0.003 1,3-Dichlorobenzene ND 1.0 0.005 1,4-Dichlorobenzene ND 1.0 0.005 1,2-Dichlorobenzene ND 1.0 0.005 1,1-Dichlorobenzene ND 1.0 0.005 1,2-Dichloroethane (1,2-Dichloroethane ND 1.0 0.005 1,1-Dichloroethane ND 1.0 0.005 1,2-Dichloroethane ND 1.0 0.005 trans-1,2-Dichloroethane ND 1.0 0.005 1,2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropane ND 1.0 0.005 2,2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropene ND 1.0 0.005 2,2-Dichloropropene ND 1.0 0.005 Ethylenzene ND 1.0 0.005 Ethyl tert-butyl ether (DIPE) ND 1.0 0.005 Hexachlorobtanzene ND 1.0 0.005	1,2-Dibromo-3-chioropropane	ND	1.0	0.004	1,2-Dibromoetnane (E	DB)	ND	1.0	0.004					
I,3-Dichlotochizene ND 1.0 0.005 I,4-Dichlotochizene ND 1.0 0.005 Dichlorodifluoromethane ND 1.0 0.005 I,1-Dichlotocethane ND 1.0 0.005 I_2-Dichloroethane (1,2-DCA) ND 1.0 0.004 I,1-Dichloroethane ND 1.0 0.005 i_2-Dichloroethane (1,2-DCA) ND 1.0 0.005 trans-1,2-Dichloroethene ND 1.0 0.005 i_2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropane ND 1.0 0.005 z_2-Dichloropropane ND 1.0 0.005 trans-1,3-Dichloropropane ND 1.0 0.005 cis-1,3-Dichloropropene ND 1.0 0.005 trans-1,3-Dichloropropene ND 1.0 0.005 Ethyl tert-butyl ether (DIPE) ND 1.0 0.005 Freon 113 ND 1.0 0.005 Ethyl tert-butyl ether (ETBE) ND 1.0 0.005 Isopropylbenzene ND 1.0 0.005	1.2 Dichlorohonzono	ND	1.0	0.005	1.4-Dichlorobenzene		ND	1.0	0.005					
Disk of the formation of the forma	Dichlorodifluoromethane	ND	1.0	0.005	1,4-Dichloroethane	ND	1.0	0.005						
1,2 Dichlorodulati (1,2 DCH) ND 1.0 0.005 1,1 Dichlorodulati ND 1.0 0.005 cis-1,2-Dichloroptoethene ND 1.0 0.005 trans-1,2-Dichloroptopane ND 1.0 0.005 1,2-Dichloroptopane ND 1.0 0.005 1,1-Dichloroptopane ND 1.0 0.005 2,2-Dichloroptopane ND 1.0 0.005 trans-1,3-Dichloroptopene ND 1.0 0.005 cis-1,3-Dichloroptopene ND 1.0 0.005 trans-1,3-Dichloroptopene ND 1.0 0.005 Disoptopyl ether (DIPE) ND 1.0 0.005 Freon 113 ND 1.0 0.005 Ethyl tert-butyl ether (ETBE) ND 1.0 0.005 Isoptopylenzene ND 1.0 0.005 2-Hexanone ND 1.0 0.005 Isoptopylenzene ND 1.0 0.005 4-Isopropyl toluene ND 1.0 0.005 4-Methyl-2-pentanone (MIBK) ND 1.0 0.005 Mat	1 2-Dichloroethane (1 2-DCA)	ND	1.0	0.003	1,1 Dichloroethene	ND	1.0	0.005						
Instruction Instruction <thinstruction< th=""> <thinstruction< th=""></thinstruction<></thinstruction<>	cis-1 2-Dichloroethene	ND	1.0	0.004	trans-1 2-Dichloroethe	ene	ND	1.0	0.005					
1.2 1.10 1.00 1.00 1.10 1.10 1.00	1 2-Dichloropropane	ND	1.0	0.005	1 3-Dichloropropane		ND	1.0	0.005					
Lis-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 0.005 2-Hexanlorobutadiene ND 1.0 0.005 Hexachloroethane ND 1.0 0.005 2-Hexanone ND 1.0 0.005 Isopropylenzene 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 n-Propyl benzene ND 1.0 0.005 1,1,2,2-Tetrachloroethane ND	2.2-Dichloropropane	ND	1.0	0.005	1.1-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 n-Propyl benzene ND 1.0 0.005 1,1,2,2-Tetrachloroethane ND 1.0 0.005 1,1,1,2-Tetrachloroethane ND 1.0 0.005 1,2,4-Trichloroethane ND	cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropro	pene	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 Tetrachloroethane ND 1.0 0.005 1,2,4-Trichloroethane ND 1.0 0.005 1,2,3-Trichloroethane ND 1.0 0.005 1,2,4-Trichloroethane ND <td>Diisopropyl ether (DIPE)</td> <td>ND</td> <td>1.0</td> <td>0.005</td> <td>Ethylbenzene</td> <td></td> <td>ND</td> <td>1.0</td> <td>0.005</td>	Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene		ND	1.0	0.005					
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 Tetrachloroethane ND 1.0 0.005 1,2,4-Trichlorobenzene ND 1.0 0.005 1,2,3-Trichloroethane ND 1.0 0.005 1,2,4-Trichlorobenzene ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.005 1,2,4-Trichloroethane <t< td=""><td>Ethyl tert-butyl ether (ETBE)</td><td>ND</td><td>1.0</td><td>0.005</td><td>Freon 113</td><td></td><td>ND</td><td>1.0</td><td>0.1</td></t<>	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113		ND	1.0	0.1					
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 Tetrachloroethane ND 1.0 0.005 1,2,4-Trichlorobenzene ND 1.0 0.005 1,2,3-Trichloroethane ND 1.0 0.005 1,2,4-Trichlorobenzene ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.005 1,2,4-Trichloroethane ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.005 1,1,2-Trichloroethane	Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane		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 1,1,2-Tetrachloroethane ND 1.0 0.005 1,1,2,2-Tetrachloroethane ND 1.0 0.005 Tetrachloroethane ND 1.0 0.005 1,2,2-Tetrachloroethane ND 1.0 0.005 Tetrachloroethane ND 1.0 0.005 1,2,4-Trichlorobenzene ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.005 1,2,4-Trichloroethane ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.005 1,2,4-Trichloroethane ND 1.0 0.005 Trichloroethane ND 1.0 0.005	2-Hexanone	ND	1.0	0.005	Isopropylbenzene		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 1,1,2-Tetrachloroethane ND 1.0 0.005 1,1,2,2-Tetrachloroethane ND 1.0 0.005 Tetrachloroethane ND 1.0 0.005 Toluene ND 1.0 0.005 1,2,3-Trichloroethane ND 1.0 0.005 1,2,4-Trichloroethane ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.005 1,2,4-Trichloroethane ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.005 1,1 2-Trichloroethane ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.005	4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	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 Tetrachloroethane 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 1,2,4-Trichloroethane ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.005 1,2-Trichloroethane ND 1.0 0.005 Trichloroethane ND 1.0 0.005	Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone	e (MIBK)	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 Tetrachloroethane ND 1.0 0.005 Toluene ND 1.0 0.005 1,2,3-Trichloroethane ND 1.0 0.005 1,2,4-Trichlorobenzene ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.005 1,2,4-Trichloroethane ND 1.0 0.005 Trichloroethane ND 1.0 0.005 1,1,2-Trichloroethane ND 1.0 0.005 Trichloroethane ND 1.0 0.005	Naphthalene	ND	1.0	0.005	n-Propyl benzene		ND	1.0	0.005					
1,1,2,2-Tetrachloroethane ND 1.0 0.005 Tetrachloroethane 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 Trichloroethane ND 1.0 0.005	Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroeth	ane	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 1,12-Trichloroethane ND 1.0 0.005 Trichloroethane ND 1.0 0.005	1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene		ND	1.0	0.005					
1,2,4-TrichlorobenzeneND 1.0 0.005 $1,1,1$ -TrichloroethaneND 1.0 0.005 $1,1,2$ -TrichloroethaneND 1.0 0.005 TrichloroethaneND 1.0 0.005	Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene		ND	1.0	0.005					
1.1.2-Trichloroethane ND 1.0 0.005 Trichloroethene 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					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1 richlorofluoromethane	ND	1.0	0.005	1,2,3-1richloropropan	e	ND	1.0	0.005					
1,2,4-TimethylochizeneND 1.0 0.005 ND 1.0 0.005 Vinud ChloridaND 1.0 0.005 $Vulance TatalND1.00.005$	1,2,4-1fimethylbenzene	ND	1.0	0.005	1,5,5-1 fimethylbenzei	ND	1.0	0.005						
Virge Chloride ND 1.0 0.005 Aytelies, Total ND 1.0 0.005		IND	1.0	0.003			IND	1.0	0.003					
	0/001.		Surro	yate K	ecoveries (%)		10	1						
70551. 90 %0552: 101 0/\$\$\$22: 102 101 101	%\$\$1: 96				70352:		10	1						
Commente:	Comments:	10.	ر		1									

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

McCampbell A "When Quality	nalytical, In	<u>IC.</u>		1534 Willow I Web: www.mccamp Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: ma 877-252-9262 Fax: 92	A 94565-1701 in@mccampbell.com 25-252-9269						
Basics Environmental	Client P	Project II): #0	553; Cathedral	Date Sampled:	Date Sampled: 06/09/11						
	Gardens	8			Date Received: 06/09/11							
655 12th Street, Suite 126	Client C	Contact:	Donav	06/09/11								
Oakland, CA 94607	Client P	P.O. :			: 06/10/11							
Extraction Method: SW5030B	Volatile Organ	ics by Pa Analyti	x T an	d GC/MS (Basic T od: SW8260B	arget List)*	Work Order: 1106	323					
Lab ID				1106323	-004A							
Client ID				B2-0.5								
Matrix	Compound Concentration * DE Re			Sol	11		55	Reporting				
Compound	d Concentration * DF Lim			Compour	nd	Concentration *	DF	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				
Bromocniorometnane	ND	1.0	0.005	Bromodicnioromethan	ie	ND	1.0	0.005				
2 Butanone (MEK)	ND	1.0	0.003	t Butyl alcohol (TBA)		ND	1.0	0.005				
n-Butyl benzene	ND	1.0	0.02	sec-Butyl benzene	1	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	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	Dibromochloromethan	ne	ND	1.0	0.005				
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (E	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-Dichloroethe	ene	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				
D'' l d (DDD)	ND	1.0	0.005	trans-1,3-Dichloropro	pene	ND	1.0	0.005				
Disopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene		ND	1.0	0.005				
Havashlarabutadiana	ND	1.0	0.005	Havaahlaraathana		ND	1.0	0.005				
2-Hevanone	ND	1.0	0.005	Isopropylbenzene		ND	1.0	0.005				
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTRF)	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-Tetrachloroeth	ane	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-Trichloropropan	e	ND	1.0	0.005				
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzer	ne	ND	1.0	0.005				
Vinyl Chloride	ND	1.0	0.005	05 Xylenes, Total ND 1.0								
		Surro	gate R	ecoveries (%)								
%SS1: 94				%SS2:		10	1					
%SS3:	10-	4										
Comments:												

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

<u>McCampbell A</u> "When Quality"	nalytical, In	<u>IC.</u>		1534 Willow F Web: www.mccampl Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: mai 177-252-9262 Fax: 92	A 94565-1701 in@mccampbell.com 25-252-9269						
Basics Environmental	Client F	Project ID:	#05	553; Cathedral	Date Sampled: 06/09/11							
(55 12th Street Seite 12)	Garden	S			Date Received: 06/09/11							
655 12th Street, Suite 126	Client C	Contact: D	onav	an Tom	Date Extracted:	: 06/09/11						
Oakland, CA 94607	Client F	P.O. :			Date Analyzed:	: 06/10/11						
Extraction Method: SW5030B	Volatile Organ	ics by P& Analytica	T an 1 Metho	d GC/MS (Basic T od: SW8260B	arget List)*	Work Order: 1106	323					
Lab ID				1106323	-005A							
Client ID Matrix				B2-4.5								
	Compound Concentration * DI				1	с , ;; *	DE	Reporting				
Compound	Concentration *	DF	Limit	Compour	nd	Concentration *	DF	Limit				
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)		ND	1.0	0.005				
Benzene	nochloromethane ND 1.0 0.00		0.005	Bromobenzene	ND	1.0	0.005					
Bromochloromethane	ND	1.0 0	0.005	Bromodicnioromethan	le	ND	1.0	0.005				
2 Butanana (MEK)	ND	1.0 0	0.003	t Putyl alashal (TPA)		ND	1.0	0.003				
n-Butyl benzene	ND	1.0	0.02	sec-Butyl benzene		ND	1.0	0.05				
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	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	0.005	Dibromochloromethan	ie	ND	1.0	0.005				
1,2-Dibromo-3-chloropropane	ND	1.0 0	0.004	1,2-Dibromoethane (E	DB)	ND	1.0	0.004				
Dibromomethane	ND	1.0 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	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	0.005	trans-1,2-Dichloroethe	ene	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	0.005	1,1-Dichloropropene		ND	1.0	0.005				
cis-1,3-Dichloropropene	ND	1.0 (0.005	trans-1,3-Dichloropro	pene	ND	1.0	0.005				
Disopropyl ether (DIPE)	ND	1.0 (0.005	Ethylbenzene		ND	1.0	0.005				
Etnyl tert-butyl etner (EIBE)	ND	1.0 0	0.005	Freon 113		ND	1.0	0.1				
2 Hexanone	ND	1.0 0	005	Isopropulbenzene		ND	1.0	0.005				
A-Isopropyl toluene	ND	1.0 0	005	Methyl_t_butyl ether ()	MTRF)	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-Tetrachloroeth	ane	ND	1.0	0.005				
1,1,2,2-Tetrachloroethane	ND	1.0 0	0.005	Tetrachloroethene		ND	1.0	0.005				
Toluene	ND	1.0 0	0.005	1,2,3-Trichlorobenzene		ND	1.0	0.005				
1,2,4-Trichlorobenzene	ND	1.0 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	0.005	1,2,3-Trichloropropan	e	ND	1.0	0.005				
1,2,4-Trimethylbenzene ND 1.0 0			0.005	1,3,5-Trimethylbenzer	ne	ND	1.0	0.005				
Vinyl Chloride	ND	0.005	005 Xylenes, Total ND 1.0									
		Surrog	ate R	ecoveries (%)								
%SS1: 93				%SS2:		10	1					
%SS3:	98	3										
Comments:												

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

<u>McCampbell A</u> "When Quality"	nalytical, In	<u>IC.</u>		1534 Willow F Web: www.mccampl Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: mai 177-252-9262 Fax: 92	z, CA 94565-1701 ∴ main@mccampbell.com ux: 925-252-9269						
Basics Environmental	Client F	Project ID:	#05	553; Cathedral	Date Sampled: 06/09/11							
(55 12th Street Seite 12)	Garden	S			Date Received: 06/09/11							
655 12th Street, Suite 126	Client C	Contact: D	onav	an Tom	Date Extracted:	: 06/09/11						
Oakland, CA 94607	Client F	P.O. :			Date Analyzed:	: 06/10/11						
Extraction Method: SW5030B	Volatile Organ	ics by P& Analytica	T an 1 Metho	d GC/MS (Basic T	arget List)*	Work Order: 1106	323					
Lab ID				1106323	-006A							
Client ID Matrix				B2-9.5								
		Re	porting	501	1	с , ;; *	DE	Reporting				
Compound	Concentration *	DF	Limit	Compour	nd	Concentration *	DF	Limit				
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)		ND	1.0	0.005				
Benzene	zene ND 1.0 0.00 mochloromethane ND 1.0 0.00		0.005	Bromobenzene	ND	1.0	0.005					
Bromochloromethane	ND	1.0 0	005	Bromodicnioromethan	le	ND	1.0	0.005				
2 Butanana (MEK)	ND	1.0 0	003	t Putyl alashal (TPA)		ND	1.0	0.003				
n-Butyl benzene	ND	1.0	0.02	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	Dibromochloromethan	ie	ND	1.0	0.005				
1,2-Dibromo-3-chloropropane	ND	1.0 0	.004	1,2-Dibromoethane (E	DB)	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-Dichloroethe	ene	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	0.005	trans-1,3-Dichloropro	pene	ND	1.0	0.005				
Disopropyl ether (DIPE)	ND	1.0 0	0.005	Ethylbenzene		ND	1.0	0.005				
Einyi tert-butyi einer (ETBE)	ND	1.0 0	005	Freon 115 Heyechloroothane		ND	1.0	0.005				
2-Hevanone	ND	1.0 0	005	Isopropylbenzene		ND	1.0	0.005				
4-Isopropyl toluene	ND	1.0 0	005	Methyl-t-butyl ether ()	MTRE)	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-Tetrachloroeth	ane	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-Trichloropropan	e	ND	1.0	0.005				
1,2,4-Trimethylbenzene	ND	1.0 0	.005	1,3,5-Trimethylbenzer	ne	ND	1.0	0.005				
Vinyl Chloride	05 Xylenes, Total ND 1.0 0.0											
		Surrog	ate R	ecoveries (%)								
%SS1: 92				%SS2:		10	1					
%SS3:	10	2										
Comments:												

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

McCampbell A "When Qualit	nalytical, In y Counts"	<u>C.</u>		1534 Willow F Web: www.mccampl Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: ma 177-252-9262 Fax: 92	A 94565-1701 in@mccampbell.com 25-252-9269				
Basics Environmental	Client P	Project ID	: #0:	553; Cathedral	Date Sampled:	06/09/11				
	Gardens	5			Date Received:	06/09/11				
655 12th Street, Suite 126	Client C	Contact: I	Donav	an Tom	Date Extracted	06/09/11		Bernard Control Contro		
Oakland, CA 94607	Client P	2.0.:			Date Analyzed	: 06/10/11				
	Volatile Organi	ics hy P&	Tan	d GC/MS (Basic T	arget List)*					
Extraction Method: SW5030B	volutilo organi	Analytic	al Meth	od: SW8260B		Work Order: 1106	323			
Lab ID				1106323	-007A					
Client ID				ВЗ-0	0.5					
Matrix		מו	morting	Soi	1	1		Doporting		
Compound	Concentration *	DF	Limit	Compour	nd	Concentration *	DF	Limit		
Acetone	ND	1.0	0.05	tert-Amyl methyl ether	r (TAME)	ND	1.0	0.005		
Benzene	ND	1.0	0.005	Bromobenzene		ND	1.0	0.005		
Bromochloromethane	ND	1.0	0.005	Bromodichloromethan	ie	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		
	ND	1.0	0.005	2-Chlorotoluene		ND	1.0	0.005		
4-Chiorotoluene	ND	1.0	0.005	Dibromocnioromethar		ND	1.0	0.005		
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoetnane (E	JB)	ND	1.0	0.004		
1.2 Dichlorahangana	ND	1.0	0.005	1,2-Dichlorobenzene		ND	1.0	0.005		
Dichlorodifluoromethane	ND	1.0	0.005	1,4-Dichloroethane		ND	1.0	0.005		
1.2 Dichloroethane (1.2 DCA)	ND	1.0	0.003	1,1-Dichloroethene		ND	1.0	0.005		
cis-1 2-Dichloroethene	ND	1.0	0.004	trans_1 2-Dichloroethe	me	ND	1.0	0.005		
1.2 Dichloropropage	ND	1.0	0.005	1.3 Dichloropropage		ND	1.0	0.005		
2.2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane		ND	1.0	0.005		
cis-1 3-Dichloropropene	ND	1.0	0.005	trans-1 3-Dichloropro	nene	ND	1.0	0.005		
Diisonropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	bene	ND	1.0	0.005		
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Erreon 113		ND	1.0	0.005		
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane		ND	1.0	0.005		
2-Hexanone	ND	1.0	0.005	Isopronylbenzene		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-Pronyl benzene		ND	1.0	0.005		
Styrene	ND	1.0	0.005	1.1.1.2-Tetrachloroeth	ane	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-Trichlorobenzen	e	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-Trichloropropan	e	ND	1.0	0.005		
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzer	ne	ND	1.0	0.005		
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total		ND	1.0	0.005		
		Surro	ate R	ecoveries (%)						
%SS1:	92	2	%SS2: 100				0			
%SS3:	98	3				1				
Comments:				-						

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

<u>McCampbell A</u> "When Quality"	nalytical, In	<u>C.</u>		1534 Willow I Web: www.mccamp Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: ma 877-252-9262 Fax: 92	A 94565-1701 in@mccampbell.com 25-252-9269		
Basics Environmental	Client P	roject ID	: #0:	553; Cathedral	Date Sampled:	06/09/11		
(55.12th Street Seite 12)	Gardens	5			Date Received:	06/09/11		
655 12th Street, Suite 126	Client C	Contact: I	onav	an Tom	Date Extracted:	06/09/11		
Oakland, CA 94607	Client P	9.0.:			Date Analyzed:	06/11/11		
	Volatile Organi	ics by P&	T an	d GC/MS (Basic T	arget List)*			
Extraction Method: SW5030B		Analytic	al Meth	od: SW8260B		Work Order: 1106	323	
Lab ID				1106323	-008A			
Client ID Matrix				B3-4	4.5 II			
Campand	Componention *	DE R	eporting	Comment	11 - J	Composition *	DE	Reporting
Compound	Concentration *	DF	Limit	Compour	nd	Concentration *	DF	Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ethe	r (TAME)	ND	1.0	0.005
Benzene Drame - hlanemetheme	ND	1.0	0.005	Bromobenzene		ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodicnioromethan	ie	ND	1.0	0.005
2 Butanana (MEK)	ND	1.0	0.02	t Putul alashal (TPA)		ND	1.0	0.003
n Butyl benzene	ND	1.0	0.02	sec Butyl benzene		ND	1.0	0.05
tert-Butyl benzene	ND	1.0	005	Carbon Disulfide		ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	005	Chlorobenzene		ND	1.0	0.005
Chloroethane	ND	1.0	005	Chloroform		ND	1.0	0.005
Chloromethane	ND	1.0	005	2-Chlorotoluene		ND	1.0	0.005
4-Chlorotoluene	ND	1.0	005	Dibromochloromethar	1e	ND	1.0	0.005
1 2-Dibromo-3-chloropropane	ND	1.0	004	1 2-Dibromoethane (F	(DB)	ND	1.0	0.003
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-Dichloroethe	ene	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-Dichloropro	pene	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	e (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-Tetrachloroeth	ane	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-Trichlorobenzen	e	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-Trichloropropan	e	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzer	ne	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total		ND	1.0	0.005
		Surro	jate R	ecoveries (%)				
%SS1:	95	5	%SS2: 100			0		
%SS3:	10	1						
Comments:								

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

<u>McCampbell A</u> "When Quality"	nalytical, In	<u>C.</u>		1534 Willow I Web: www.mccamp Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: ma 877-252-9262 Fax: 92	A 94565-1701 in@mccampbell.com 25-252-9269		
Basics Environmental	Client P	Project ID	: #0:	553; Cathedral	Date Sampled:	06/09/11		
	Gardens	5			Date Received:	06/09/11		
655 12th Street, Suite 126	Client C	Contact: I	onav	an Tom	Date Extracted:	06/09/11		
Oakland, CA 94607	Client P	P.O.:			Date Analyzed:	06/11/11		
	Volatile Organi	ics by P&	T an	d GC/MS (Basic T	arget List)*			
Extraction Method: SW5030B	0	Analytic	al Meth	od: SW8260B	ς ,	Work Order: 1106	323	
Lab ID				1106323	5-009A			
Client ID				B3-9	9.5			
Matrix		R	eporting	Sol	11			Reporting
Compound	Concentration *	DF	Limit	Compour	nd	Concentration *	DF	Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ethe	r (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene		ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethar	ne	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	<u>).005</u>	sec-Butyl benzene		ND	1.0	0.005
Carl an Tata allanida	ND	1.0	0.005	Carbon Disulfide		ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chloroform		ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2 Chlorotoluana		ND	1.0	0.005
4 Chlorotoluono	ND	1.0	0.005	2-Cillolololuelle	20	ND	1.0	0.005
1.2 Dibrome 2 abloropropage	ND	1.0	0.003	1.2 Dibromoothana (E		ND	1.0	0.003
Dibromomethane	ND	1.0	0.004	1,2-Diolonoemane (I	(DB)	ND	1.0	0.004
1 3-Dichlorobenzene	ND	1.0	005	1,2-Dichlorobenzene		ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	005	1 1-Dichloroethane		ND	1.0	0.005
1 2-Dichloroethane (1 2-DCA)	ND	1.0	004	1 1-Dichloroethene		ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethe	ene	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-Dichloropro	pene	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	e (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-Tetrachloroeth	nane	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-Trichlorobenzen	ne	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-Trichloropropan	ie	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzer	ne	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total		ND	1.0	0.005
		Surro	gate R	ecoveries (%)				
%SS1:	92	!	%SS2: 100					
%SS3:	10	3						
Comments:								

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

<u>McCampbell A</u> "When Quality"	nalytical, In	<u>C.</u>		1534 Willow I Web: www.mccamp Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: ma 877-252-9262 Fax: 92	A 94565-1701 in@mccampbell.com 25-252-9269		
Basics Environmental	Client P	Project ID	: #0:	553; Cathedral	Date Sampled:	06/09/11		
	Gardens	5			Date Received:	06/09/11		
655 12th Street, Suite 126	Client C	Contact: I	onav	an Tom	Date Extracted:	06/09/11		
Oakland, CA 94607	Client P	P.O.:			Date Analyzed:	06/11/11		
	Volatile Organi	ics by P&	T an	d GC/MS (Basic T	arget List)*			
Extraction Method: SW5030B	-	Analytic	al Meth	od: SW8260B	,	Work Order: 1106	323	
Lab ID				1106323	-010A			
Client ID				B4-4	4.5			
Matrix		R	eporting	Sol	11			Reporting
Compound	Concentration *	DF	Limit	Compour	nd	Concentration *	DF	Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ethe	r (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene		ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethar	ne	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	<u>).005</u>	sec-Butyl benzene		ND	1.0	0.005
Carl an Tata allanida	ND	1.0	0.005	Carbon Disulfide		ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chloroform		ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2 Chlorotoluana		ND	1.0	0.005
4 Chlorotoluono	ND	1.0	0.005	2-Cillolololuelle	20	ND	1.0	0.005
1.2 Dibromo 2 obloropropono	ND	1.0	0.003	1.2 Dibromoothana (E		ND	1.0	0.003
Dibromomethane	ND	1.0	0.004	1,2-Diolonoemane (I	(DB)	ND	1.0	0.004
1 3-Dichlorobenzene	ND	1.0	005	1,2-Dichlorobenzene		ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	005	1 1-Dichloroethane		ND	1.0	0.005
1 2-Dichloroethane (1 2-DCA)	ND	1.0	004	1 1-Dichloroethene		ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethe	ene	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-Dichloropro	pene	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	e (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-Tetrachloroeth	ane	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-Trichlorobenzen	ie	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-Trichloropropan	e	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzer	ne	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total		ND	1.0	0.005
		Surro	gate R	ecoveries (%)				
%SS1:	94	Ļ –	%SS2: 101					
%SS3:	10-	4						
Comments:								

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

McCampbell A "When Quali	nalytical, In	<u>IC.</u>		1534 Willow I Web: www.mccamp Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: mai 877-252-9262 Fax: 92	A 94565-1701 in@mccampbell.com 25-252-9269		
Basics Environmental	Client P	Project ID	: #0:	553; Cathedral	Date Sampled:	06/09/11		
	Gardens	S			Date Received:	06/09/11		
655 12th Street, Suite 126	Client C	Contact: I	onav	an Tom	Date Extracted:	06/09/11		
Oakland, CA 94607	Client P	P.O. :			Date Analyzed:	06/11/11		
	Volatile Organi	ics by P&	T an	d GC/MS (Basic T	arget List)*			
Extraction Method: SW5030B	0	Analytic	al Meth	od: SW8260B	с ,	Work Order: 1106	323	
Lab ID				1106323	-011A			
Client ID				B5-4	4.5			
Matrix		R	eporting	Sol	11			Reporting
Compound	Concentration *	DF	Limit	Compour	nd	Concentration *	DF	Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ethe	r (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene		ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethar	ne	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
	ND	1.0	2.005	2 Chloroform		ND	1.0	0.005
	ND	1.0	2.005	2-Chlorotoluene		ND	1.0	0.005
4-Chiorotoluene	ND	1.0	2.005	1.2 Dibromocnioromethan		ND	1.0	0.005
1,2-Dibromo-3-chioropropane	ND	1.0	0.004	1,2-Dibromoetnane (E	EDB)	ND	1.0	0.004
1.2 Dichlarahangana	ND	1.0	0.005	1,2-Dichlorobenzene		ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,4-Dichloroethane		ND	1.0	0.005
1.2 Dichloroethane (1.2 DCA)	ND	1.0	001	1,1-Dichloroethane		ND	1.0	0.005
cis-1 2-Dichloroethene	ND	1.0	0.004	trans-1 2-Dichloroethe	ene	ND	1.0	0.005
1.2-Dichloropropage	ND	1.0	005	1 3-Dichloropropane		ND	1.0	0.005
2 2-Dichloropropane	ND	1.0	005	1.1-Dichloropropene		ND	1.0	0.005
cis-1 3-Dichloropropene	ND	1.0	005	trans-1 3-Dichloropro	nene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	005	Ethylbenzene	pene	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	e (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	<u>, , , , , , , , , , , , , , , , , , , </u>	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroeth	ane	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-Trichlorobenzen	ie	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-Trichloropropan	le	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzer	ne	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total		ND	1.0	0.005
		Surro	jate R	ecoveries (%)				
%SS1:	92	2	%SS2: 100			0		
%SS3:	10	0						
Comments:								

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

McCampbell An "When Quality	alyti _{Counts"}	cal, Ind	<u>C.</u>		1534 Willow I Web: www.mccamp Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: main 377-252-9262 Fax: 925	94565-1701 @mccampbell.c 5-252-9269	om
Basics Environmental		Client Pr	oject ID:	#0553	; Cathedral	Date Sampled:	06/09/11	
655 19th Street Swite 196		Gardens				Date Received	06/09/11	
655 12th Street, Suite 126	ſ	Client Co	ontact: Do	navan	Tom	Date Extracted	06/09/11	
Oakland, CA 94607	ſ	Client P.	D.:			Date Analyzed	06/10/11-0	6/14/11
		С	AM/CCF	17 Me	tals*			
Lab ID	11063	23-001A	1106323	-002A	1106323-003A	1106323-004A	Reporting Lin	nit for $DF = 1$;
Client ID	В	1-05	B1-4	.5	B1-9.5	B2-0.5	ND means r above the re	ot detected
Matrix		S	S		S	S	S	W
Extraction Type	TO	TAL	TOTA	AL	TOTAL	TOTAL	mg/Kg	mg/L
		ICF	^o Metals, C	oncenti	ration*			110(222
Analytical Method: SW6020		Ext	raction Metho	1: SW305	0B 1	1	work Order:	1106323
		1	1				1	
Antimony	0	.58	ND		ND	ND	0.5	NA
Arsenic	2	<u>8.8</u>	1.4		4.3	11	0.5	NA
Barium	2	210	170		130	230	5.0	NA
Beryllium	0	.56	0.54	•	0.62	ND	0.5	NA
Cadmium	1		ND		ND	ND	0.25	NA
Chromium		5/ 12	63		69	28	0.5	NA
		13	0.5		9.0	10	0.5	NA
Land		17	21		20	80	0.5	NA NA
Lead	0	17	4.4		0.5	10	0.5	NA NA
Melcury Malak daman	0	.12			ND	0.093	0.05	NA NA
Niekel	0	70	52 ND		ND 70	0.92	0.5	NA NA
Selenium	,				/9 ND	27	0.5	INA NA
Silver	1				ND	ND	0.5	INA NA
Thellium	1		ND		ND	ND	0.5	NA NA
Vanadium	1	ND 63	38		54	65	0.5	NA
Zinc		0 <u>0</u>			41	130	5.0	NA
%SS [.]	1	04	104		114	126	5.0	INA
/000.			10		111	120		<u> </u>
Comments								
*water samples are reported in µg/L, produc soil/sludge/solid samples in mg/kg, wipe sar # means surrogate diluted out of range; ND : or instrument	t/oil/non- nples in μ means no	aqueous liq g/wipe, filto t detected al	uid samples er samples ir pove the repo	and all T μg/filter orting lin	CLP / STLC / DIST r. hit/method detection	LC / SPLP extracts are limit; N/A means not	e reported in n applicable to	ıg/L, this sample

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 μ m filtered and acidified sample.

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

McCampbell An "When Quality	alyti _{Counts"}	cal, Ind	<u>C.</u>		1534 Willow I Web: www.mccamp Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: main 277-252-9262 Fax: 925	94565-1701 @mccampbell.c 5-252-9269	om
Basics Environmental		Client Pr	oject ID:	#0553	; Cathedral	Date Sampled:	06/09/11	
655 12th Street Suite 126		Gardens				Date Received	06/09/11	
055 12th Sheet, Suite 120	ſ	Client Co	ntact: Do	mavan	Tom	Date Extracted	06/09/11	
Oakland, CA 94607		Client P.	D.:			Date Analyzed	06/10/11-0	6/14/11
		С	AM/CCF	17 Me	tals*			
Lab ID	110632	23-005A	1106323	-006A	1106323-007A	1106323-008A	Reporting Lin	nit for $DF = 1$;
Client ID	B2	2-4.5	B2-9	.5	B3-0.5	B3-4.5	ND means r above the re	not detected porting limit
Matrix		S	S		S	S	S	W
Extraction Type	TO	TAL	TOTA	AL.	TOTAL	TOTAL	mg/Kg	mg/L
		ICP	Metals, C	oncenti	ration*			110(222
Analytical Method: SW6020		Ext	raction Metho	1: SW305	08	1	work Order:	1106323
Dilution Factor		1	1		1	1	1	1
Antimony	1	ND	ND		1.5	ND	0.5	NA
Arsenic		3.3	5.5		28	1.5	0.5	NA
Barium	2	220	170	-	110	81	5.0	NA
Beryllium	0	0.81	0.50)	ND	ND	0.5	NA
Cadmium	1	ND (0	ND		0.43	ND	0.25	NA
Chromium		68 1 (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	1	ND	0.05	8	0.27	0.070	0.05	NA
Molybdenum	1	ND 00	ND		2.6	ND	0.5	NA
Nickel		98	63		10	13	0.5	NA
Selenium	1	ND	ND		ND	ND	0.5	NA
Sliver	1		ND		0.65	ND	0.5	NA
Thainum	1	ND 50	ND		0.77	ND 25	0.5	INA NA
Zina		59 62	20		43	25	0.5	NA NA
	1	10	112		112	1/	3.0	INA
/055.		19	113		115	114		
Comments								
*water samples are reported in µg/L, produc soil/sludge/solid samples in mg/kg, wipe sar # means surrogate diluted out of range; ND =	t/oil/non- nples in μ means no	aqueous liq ag/wipe, filto t detected al	uid samples er samples ir pove the repo	and all T μg/filter orting lim	CLP / STLC / DIST r. nit/method detection	LC / SPLP extracts are	e reported in n applicable to	ng/L, this sample

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 μ m filtered and acidified sample.

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

McCampbell An	alyti _{Counts"}	cal, In	<u>C.</u>		1534 Willow I Web: www.mccamp Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: main 277-252-9262 Fax: 925	94565-1701 @mccampbell.c i-252-9269	om
Basics Environmental		Client Pr	oject ID:	#0553;	Cathedral	Date Sampled:	06/09/11	
655 12th Street Swite 126		Gardens				Date Received	06/09/11	
655 12th Street, Suite 126		Client Co	ntact: Do	navan '	Tom	Date Extracted	06/09/11	
Oakland, CA 94607		Client P.	D.:			Date Analyzed	06/10/11-0	6/14/11
		С	AM/CCF	17 Me	tals*			
Lab ID	11063	23-009A	1106323	-010A	1106323-011A		Reporting Lin	nit for $DF = 1$;
Client ID	В	3-9.5	B4-4	.5	B5-4.5		ND means r above the re	not detected porting limit
Matrix		S	S		S		S	W
Extraction Type	TC	DTAL	TOTA	4L	TOTAL		mg/Kg	mg/L
		ICP	Metals, C	oncentr	ation*			
Analytical Method: SW6020		Ext	raction Method	l: SW305	0B		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	1	140		5.0	NA
Beryllium	().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	0.09	7	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 soil/sludge/solid samples in mg/kg, wipe san # means surrogate diluted out of range; ND n or instrument	t/oil/non- nples in µ means no	aqueous liqueous liqu	uid samples er samples in pove the repo	and all To µg/filter orting lim	CLP / STLC / DIST	LC / SPLP extracts are	applicable to	ng/L, this sample

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 μ m filtered and acidified sample.

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

McCampbell An "When Quality	alyti _{Counts"}	cal, In	<u>C.</u>		1534 Willow P Web: www.mccampt Telephone: 8	ass Road, Pittsburg, CA bell.com E-mail: main 77-252-9262 Fax: 925	94565-1701 @mccampbell.c 5-252-9269	om		
Basics Environmental		Client Pr	oject ID:	#0553	; Cathedral	Date Sampled:	06/09/11			
655 12th Street Suite 126		Gardens				Date Received:	06/09/11			
		Client Co	ontact: Do	onavan	Tom	Date Extracted:	06/09/11			
Oakland, CA 94607		Client P.	0.:			Date Analyzed:	06/10/11)6/10/11		
Gasoline Range (C6-C12) St Extraction Method: SW5030B	oddard	l Solvent Ana	Range (C	9-C12) d: SW8023	Volatile Hydro 1B/8015Bm	carbons with B1	Work Order:	BE* 1106323		
Lab ID	11063	23-001A	1106323	-002A	1106323-003A	1106323-004A				
Client ID	В	1-05	B1-4	.5	B1-9.5	B2-0.5	Reporting DF	Limit for =1		
Matrix		S	S		S	S	-			
DF		1	1		1	1	S	W		
Compound				Conce	entration		mg/Kg	ug/L		
TPH(g)]	ND	ND	1	ND	ND	1.0	NA		
TPH(ss)]	ND	ND	1	ND	ND	1.0	NA		
MTBE]	ND	ND	1	ND	ND	0.05	NA		
Benzene]	ND	ND	1	ND	ND	0.005	NA		
Toluene]	ND	ND	1	ND	ND	0.005	NA		
Ethylbenzene]	ND	ND	1	ND	ND	0.005	NA		
Xylenes]	ND	ND	1	ND	ND	0.005	NA		
		Surro	ogate Rec	overies	(%)		•	<u></u>		
%SS:		89	90		84	91				
Comments										
* water and vapor samples are reported in µ, and all TCLP & SPLP extracts in mg/L.	g/L, soil/s	sludge/solid	samples in r	ng/kg, w	vipe samples in μg/w	ipe, product/oil/non-a	queous liquid	samples		
# cluttered chromatogram; sample peak coel Surrogate Standard; DF = Dilution Factor	lutes w/su	irrogate peal	k; low surrog	gate recov	very due to matrix in	terference; %SS = Pe	rcent Recover	ry of		
The following descriptions of the TPH chron	matogram	are cursory	in nature ar	nd McCai	npbell Analytical is	not responsible for the	eir interpretati	on:		

McCampbell An "When Quality	alyti _{Counts"}	cal, Ind	<u>C.</u>		1534 Willow I Web: www.mccamp Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: main 177-252-9262 Fax: 925	94565-1701 @mccampbell.c 5-252-9269	om
Basics Environmental		Client Pr	oject ID:	#0553	; Cathedral	Date Sampled:	06/09/11	
655 12th Street Suite 126		Gardens				Date Received:	06/09/11	
oss 12th Street, Stile 120		Client Co	ontact: De	onavan	Tom	Date Extracted:	06/09/11	
Oakland, CA 94607		Client P.	0.:			Date Analyzed:	06/10/11	
Gasoline Range (C6-C12) St Extraction Method: SW5030B	oddaro	l Solvent Ana	Range (C alytical Methor	9-C12) d: SW802) Volatile Hydro 1B/8015Bm	ocarbons with B	EX&M Work Order:	BE* 1106323
Lab ID	11063	23-005A	1106323	-006A	1106323-007A	1106323-008A		
Client ID	Bź	2-4.5	B2-9	.5	B3-0.5	B3-4.5	Reporting DF	Limit for =1
Matrix		S	S		S	S	-	
DF		1	1		1	1	S	W
Compound				Conce	entration		mg/Kg	ug/L
TPH(g)		ND	ND	1	ND	ND	1.0	NA
TPH(ss)	-	ND	ND	1	ND	ND	1.0	NA
MTBE	-	ND	ND	1	ND	ND	0.05	NA
Benzene	-	ND	ND	1	ND	ND	0.005	NA
Toluene		ND	ND	1	ND	ND	0.005	NA
Ethylbenzene		ND	ND	1	ND	ND	0.005	NA
Xylenes		ND	ND	1	ND	ND	0.005	NA
		Surro	ogate Rec	overies	8 (%)			
%SS:		96	88		93	85		
Comments								
* water and vapor samples are reported in μ_i and all TCLP & SPLP extracts in mg/L.	g/L, soil/	sludge/solid	samples in r	ng/kg, w	vipe samples in μg/w	vipe, product/oil/non-a	queous liquid	samples
# cluttered chromatogram; sample peak coel Surrogate Standard; DF = Dilution Factor	utes w/sı	irrogate peal	c; low surrog	gate recov	very due to matrix in	terference; %SS = Pe	rcent Recover	y of

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

McCampbell An "When Quality	alyti _{Counts"}	cal, In	<u>C.</u>		1534 Willow I Web: www.mccamp Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: main 177-252-9262 Fax: 925	94565-1701 @mccampbell.c i-252-9269	om		
Basics Environmental		Client Pr	oject ID:	#0553	; Cathedral	Date Sampled:	06/09/11			
655 12th Street Suite 126		Gardens				Date Received:	06/09/11			
		Client Co	ontact: De	onavan	Tom	Date Extracted:	06/09/11			
Oakland, CA 94607		Client P.	0.:			Date Analyzed:	06/10/11			
Gasoline Range (C6-C12) St Extraction Method: SW5030B	oddaro	d Solvent Ana	Range (C alytical Metho	9-C12) d: SW802	Volatile Hydro 1B/8015Bm	ocarbons with B1	EX&MT	BE* 1106323		
Lab ID	11063	23-009A	1106323	-010A	1106323-011A					
Client ID	В	B3-9.5 B4-4			B5-4.5		Reporting DF	Limit for =1		
Matrix		S	S		S					
DF		1	1		1		S	W		
Compound				Conce	entration		mg/Kg	ug/L		
TPH(g)		ND	ND		ND		1.0	NA		
TPH(ss)		ND	ND		ND		1.0	NA		
MTBE		ND	ND	1	ND		0.05	NA		
Benzene		ND	ND	1	ND		0.005	NA		
Toluene		ND	ND	1	ND		0.005	NA		
Ethylbenzene		ND	ND	1	ND		0.005	NA		
Xylenes		ND	ND	1	ND		0.005	NA		
		Surro	ogate Rec	overies	(%)		-			
%SS:		91	91		94					
Comments										
* water and vapor samples are reported in μ, and all TCLP & SPLP extracts in mg/L.	g/L, soil/	sludge/solid	samples in r	ng/kg, w	vipe samples in μg/w	ipe, product/oil/non-a	queous liquid	samples		
# cluttered chromatogram; sample peak coel Surrogate Standard; DF = Dilution Factor	cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of urrogate Standard; DF = Dilution Factor									

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

WcCampbell And "When Quality C	alytical, In(Counts"	<u>).</u>	1534 Willow P Web: www.mccampt Telephone: 8	ass Road, Pittsburg, CA pell.com E-mail: main(77-252-9262 Fax: 925	94565-1701 @mccampbell.com -252-9269				
Basics Environmental	Client Pr	oject ID: #0553	; Cathedral	Date Sampled:	06/09/11				
655 12th Street Suite 126	Gardens			Date Received:	06/09/11				
oss izur succi, suite izo	Client Co	ontact: Donavan	Tom	Date Extracted:	06/09/11				
Oakland, CA 94607	Client P.0	D.:		Date Analyzed:	06/10/11-06/	14/11			
Extraction Method: SW3550B	Total Ext	ractable Petrole	um Hydrocarbo 5B	INS*	Work Order: 1106	323			
Lab ID	1106323-001A	1106323-002A	1106323-003A	1106323-004A					
Client ID	B1-05 B1-4.5 B1-9.5 B2-0.5 Reporting Limit for DF =1								
Matrix	S	S	S	S	DF =1				
DF	1	1	1	1	S	W			
Compound		Conce	entration		mg/Kg	ug/L			
TPH-Diesel (C10-C23)	2.5	ND	ND	5.9	1.0	NA			
TPH-Motor Oil (C18 C26)	75	ND	ND	7.8	5.0	NA			
1111-MOUDI OII (C10-C30)	7.5								
TPH-Bunker Oil (C10-C36)	9.7	ND	ND	9.9	2.0	NA			
TPH-Bunker Oil (C10-C36) TPH-Kerosene (C9-C18)	9.7	ND ND	ND 1.4	9.9	2.0	NA			
TPH-Bunker Oil (C10-C36) TPH-Kerosene (C9-C18)	9.7	ND ND Surrogate Recov	ND 1.4 /eries (%)	9.9	2.0	NA NA			
TPH-Bunker Oil (C10-C36) TPH-Kerosene (C9-C18)	9.7 1.4 114	ND ND Surrogate Recov	ND 1.4 /eries (%) 112	9.9 3.2	2.0	NA NA			
TPH-Bunker Oil (C10-C36) TPH-Kerosene (C9-C18) %SS Comments	9.7 1.4 114 e7,e2	ND ND Surrogate Recov 110	ND 1.4 /eries (%) 112 e6	9.9 3.2 113 e7,e2	2.0	NA NA			

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

Angela Rydelius, Lab Manager

McCampbell An	alytical, Inc Counts"	<u>C.</u>	1534 Willow P Web: www.mccampt Telephone: 8	ass Road, Pittsburg, CA bell.com E-mail: main 77-252-9262 Fax: 925	94565-1701 @mccampbell.com -252-9269	
Basics Environmental	Client Pr	oject ID: #0553	; Cathedral	Date Sampled:	06/09/11	
655 12th Street Suite 126	Gardens			Date Received:	06/09/11	
055 12th Street, Suite 120	Client Co	ontact: Donavan	Tom	Date Extracted:	06/09/11	
Oakland, CA 94607	Client P.C	0.:		Date Analyzed:	06/10/11-06/	14/11
Extraction Method: SW3550B	Total Ext	ractable Petrole	um Hydrocarbo 5B	ons*	Work Order: 1106	323
Lab ID	1106323-005A	1106323-006A	1106323-007A	1106323-008A		
Client ID	B2-4.5	B2-9.5	B3-0.5	B3-4.5	Reporting DF	Limit for =1
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound		Conce	entration		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_K erosene (C9-C18)				1		27.4
1111-Keroselle (C3-C10)	ND	ND	2.0	1.1	1.0	NA
1111-Keloselle (C7-C10)	ND	ND Surrogate Recov	2.0 /eries (%)	1.1	1.0	NA
%SS	ND (ND Surrogate Recov	2.0 /eries (%) 110	1.1	1.0	NA
%SS Comments	ND 109	ND Surrogate Recov 112	2.0 /eries (%) 110 e7,e2	1.1 114 e7,e2	1.0	NA

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

Angela Rydelius, Lab Manager

McCampbell Ana "When Quality C	alytical, Inc Counts"	<u>C.</u>	1534 Willow F Web: www.mccampl Telephone: 8	Pass Road, Pittsburg, CA bell.com E-mail: main 877-252-9262 Fax: 925	94565-1701 @mccampbell.com -252-9269	
Basics Environmental	Client Pro	Project ID: #0553; Cathedral Date Sampled:			06/09/11	
655 12th Street Suite 126	Gardens	Gardens			06/09/11	
033 12th Sheet, Suite 120	Client Co	ontact: Donavar	n Tom	Date Extracted:	06/09/11	
Oakland, CA 94607	Client P.C	J.:		Date Analyzed:	06/10/11-06/	14/11
Extraction Method: SW3550B	Total Extr	ractable Petrol	eum Hydrocarbo	ons*	Work Order: 1106	323
Lab ID	1106323-009A	1106323-010A	1106323-011A			
Client ID	B3-9.5	B4-4.5	B5-4.5		Reporting DF	Limit for =1
Matrix	S	S	S			
DF	1	1	1		S	W
Compound		Conc	centration		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 Reco	overies (%)			
%SS	111	117	116			
Comments						
* water samples are reported in μg/L, wipe samples are reported in μg/L, wipe samples are reported in μg/L, wipe samples are reported in the samples of the samples are reported and the samples are reported are repo	mples in µg/wipe, so eported in µg/L. d surrogate and sam	oil/solid/sludge sam	ples in mg/kg, produc gate peak is on elevate	t/oil/non-aqueous liqu ed baseline, or; surroga	id samples in mg/l	L, and all ished by

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

Angela Rydelius, Lab Manager



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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

Datable FROME

MarkOrder: 1106222

QC SUMMARY REPORT FOR SW8260B

OC Matrix Call

w.o. sample Matrix: Soli								23				
EPA Method: SW8260B	Extrac	tion: SW	5030B					5	Spiked Sam	ple ID:	1106245-0	05A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	e Criteria (%)	
, and yet	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 E NONE	Blank of this extr	action bate	h were NE	less than	the method	RL with	the follow	ing exception	s:			

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.

A QA/QC Officer

DHS ELAP Certification 1644



"When Quality Counts"

QC SUMMARY REPORT FOR SW8015B

QC Matrix: Soil BatchID: 58921 WorkOrder: 1106323 W.O. Sample Matrix: Soil EPA Method: SW8015B Extraction: SW3550B Spiked Sample ID: 1106265-001A Sample Spiked MS MSD MS-MSD LCS LCSD LCS-LCSD Acceptance Criteria (%) Analyte LCS/LCSD RPD mg/Kg mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. % RPD MS / MSD 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 25 14.9 %SS: 100 101 117 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.

DHS ELAP Certification 1644

AC__QA/QC Officer



"When Quality Counts"

QC SUMMARY REPORT FOR SW6020

W.O. Sample Matrix: So	il	QC Matrix: Soil WorkOrder: 1106323								23			
EPA Method: SW6020			Extracti	on: SW	3050B		BatchID	: 58923	Spike	ed Sample I	D:	1106265-00	1A
Analyte	Sample	Spiked	MS	MS MSD MS-MSD Spiked LCS LCSD LCS-LCSD					Acc	Acceptance Criteria (%)			
, incly to	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 NONE	Method Blan	k of this e	xtraction b	oatch were	ND less than	the metho	od RL with	the followi	ng exceptions	:			

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.

QA/QC Officer



"When Quality Counts"

QC SUMMARY REPORT FOR SW6020

wο	Sample	Matrix [.]	Soil
vv.o.	Gampic	matrix.	001

QC Matrix: Soil

WorkOrder: 1106323

EPA Method: SW6020			Extracti	on: SW	3050B		BatchID	: 58966	Spike	ed Sample I	D:	1106323-01	1A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acc	eptanc	e Criteria (%)
, individ	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 NONE	Method Blan	k of this e	xtraction b	atch were	ND less than	the metho	od RL with	the followi	ng exceptions				

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.

QA/QC Officer



"When Quality Counts"

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil		QC Matrix: Soil					BatchID: 58948			WorkOrder: 1106323		
EPA Method: SW8021B/8015Bm	Extrac	Extraction: SW5030B Spiked Sample ID: 110628					1106288-0	04A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	e 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 Blan NONE	k of this extra	action bate	h were NE	less than	the method	RL with	the follow	ing exception	S:			

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 AN	1 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.

✓ ____QA/QC Officer



"When Quality Counts"

QC SUMMARY REPORT FOR SW8021B/8015Bm

QC Matrix: Soil BatchID: 58967 WorkOrder: 1106323 W.O. Sample Matrix: Soil EPA Method: SW8021B/8015Bm Extraction: SW5030B Spiked Sample ID: 1106323-011A Sample Spiked MS MSD MS-MSD LCS LCSD LCS-LCSD Acceptance Criteria (%) Analyte LCS/LCSD mg/Kg mg/Kg % Rec. % Rec. % RPD % Rec. % Rec. % RPD MS / MSD RPD RPD MTBE ND 0.10 124 117 5.98 117 119 1.72 70 - 130 70 - 130 20 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 94 0.10 83 9.43 70 - 130 70 - 130 20 %SS: 80 4.68 80 73 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.

A _____QA/QC Officer