

LIMITED PHASE II
ENVIRONMENTAL SITE
SAMPLING REPORT

927 Main Street
Pleasanton
California

FOR

Equity Enterprises
4460 Black Avenue, Suite L
Pleasanton, CA 94566



December 2, 2015
15-ENV4372



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15-ENV4372

Equity Enterprises
4460 Black Avenue, Suite L
Pleasanton, CA 94566

Attention: Mr. Brad Hirst

Subject: Limited Phase II Environmental Site Sampling Report
927 Main Street
Pleasanton, California 94566

Dear Mr. Hirst:

Basics Environmental, Inc. (Basics) is pleased to present the results of a Limited Phase II Environmental Site Sampling Report for the site located at 927 Main Street in Pleasanton, California. This Limited Phase II Environmental Site Sampling Report is based on the information compiled by Basics' subconsultant Ms. Lita Freeman, Professional Geologist #7368 with Environmental Risk Assessors.


Based on two shallow soil and two ground water samples collected, nickel and total chromium were detected in the soil exceeding their respective December 2013 San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Level (ESL) values for commercial/industrial land use. In addition, total petroleum hydrocarbons as gasoline, diesel and Stoddard solvent were detected in the ground water exceeding their respective ESL values for commercial/industrial land use. Various volatile organic compounds (VOCs) were also detected in the ground water however below their respective ESL values for commercial/industrial land use.

The detection of nickel and total chromium in the soil and petroleum hydrocarbons as gasoline, diesel and Stoddard solvent in groundwater samples indicates that a release has occurred on site with reported concentrations above applicable ESLs. In accordance with the requirements of the permit issued by the Alameda County Public Works Agency (ACPWA), a copy of this report must be submitted to the ACPWA and Alameda County Environmental Health Services Agency (ACEHSA).

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

Sincerely,

Basics Environmental, Inc.

A handwritten signature in black ink, appearing to read 'D. Tom', with a large, sweeping flourish extending to the left.

Donavan G. Tom, M.B.A., E.P.
Principal Consultant

PROFESSIONAL CERTIFICATION

LIMITED PHASE II ENVIRONMENTAL SITE SAMPLING REPORT

927 Main Street
Pleasanton, California
For
Equity Enterprises
15-ENV4372
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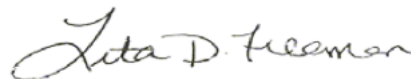
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The data and findings of this report are based on the data and information obtained from the agreed upon scope of work between Basics and the Client. Because contamination is not necessarily evenly distributed across the property's soils and ground water, it can easily remain undetected and geology may control the subsurface distribution of contamination. Additional scope of services including geologic interpretation (at greater cost) may or may not disclose information which may significantly modify the findings of this report. We accept no liability on completeness or accuracy of the information presented and or provided to us, or any conclusions and decisions which may be made by the Client or others regarding the subject site.

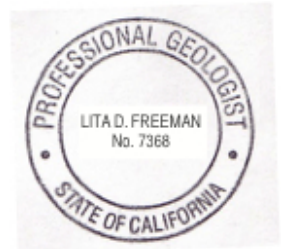
This report was prepared solely for the benefit of Basic's Client. Basics consents to the release of this report to third parties involved in the evaluation of the property for which the report was prepared, including without limitation, lenders, title companies, public institutions, attorneys, and other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



Donavan G. Tom, E.P.
Principal Consultant



Lita D. Freeman, P.G. #7368
Associate Consultant (Expires 12/31/15)



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1. EXECUTIVE SUMMARY

Environmental Risk Assessors (ERA) is pleased to present this Limited Phase II Environmental Site Assessment (ESA) Report (the "Report") for the property located at 927 Main Street, Pleasanton, Alameda County, California (the "Site"; Figure 1) to Basics Environmental, Inc. (Basics Environmental). The Site is currently developed with one commercial building occupied by two restaurants (Figure 2).

1.1 Background

The Site is developed with one building occupied by a Subway sandwich shop and a Hanadi Sushi restaurant. According to information obtained by Basics Environmental, the Site was occupied by an auto repair shop from at least the late 1930s until the late 1960s. In addition, a gasoline service station was located on site from the late 1930s until at least the early 1940s/early 1950s. No specific information on former operations (i.e., capacity of former underground storage tanks [USTs], type and locations of USTs, pump island locations, auto maintenance areas, and use of hazardous materials, etc.) was obtained by Basics Environmental from the local regulatory agency files reviewed during the Phase I ESA. In addition, no information regarding the removal of the USTs or associated sampling was contained within the local regulatory agency files reviewed by Basics Environmental. The approximate footprints of the former gasoline service station building and the canopy over the fuel dispensers are shown on Figure 2.

According to information obtained by Basics Environmental from subsurface investigation reports for the Unocal Service Station located at 1024 Main Street (approximately 150 feet northeast of the Site), the depths to water in the groundwater monitoring wells installed at this service station vary depending on the screen intervals of the wells. In the clay/silt unit, the depth to water can vary but the depth to water in the sand/gravel unit is approximately 37 to 44 feet below ground surface (bgs). Depth-to-water measurements obtained from wells screened in the sand/gravel unit during the February 2009 groundwater monitoring event indicated that groundwater flow direction was to the east-northeast.

1.2 Investigation

The objective of the limited Phase II ESA was to evaluate current subsurface conditions in select on-site areas. To meet this objective, soil and groundwater samples were collected from sampling locations for analysis with comparison of the analytical results to established screening levels. The investigation consisted of the following:

- Advancing borings at two sampling locations as shown on the Site Plan, Figure 2: boring SB-1 was advanced to a depth of 40 feet bgs immediately north of the building and boring SB-2 was advanced to a depth of 36 feet bgs immediately south of the building;
- Collecting soil samples from each boring;
- Collecting groundwater samples from each boring;
- Submitting soil and groundwater samples for total petroleum hydrocarbons (TPH) quantified as gasoline (TPHg), TPH quantified as diesel (TPHd), and TPH quantified as Stoddard solvent (TPHss); volatile organic compounds (VOCs); and Leaking Underground Fuel Tank (LUFT) Manual 5 metals (cadmium, chromium, lead, nickel, and zinc) analysis; and
- Preparing this report presenting the results of the Limited Phase II ESA.

1.3 Findings

Petroleum hydrocarbons were not detected in the two soil samples analyzed with the exception of TPHd detected in sample SB-2-2. The concentration of TPHd (16 milligrams per kilogram [mg/kg]) in sample SB-2-2 was below the ESL (110 mg/kg) for soil at commercial/industrial land use (SFBRWQCB 2013a).

Petroleum hydrocarbons were detected in the groundwater sample from each boring: TPHd was reported in sample SB-1-W at a concentration of 120 micrograms per liter ($\mu\text{g/L}$), and TPHg (1,400 $\mu\text{g/L}$), TPHd (1,000 $\mu\text{g/L}$), and TPHss (1,400 $\mu\text{g/L}$) were reported in the groundwater sample SB-2-W. These concentrations are above the Environmental Screening Level (ESL) of 100 $\mu\text{g/L}$ for each petroleum hydrocarbon as established by the California Environmental Protection Agency, San Francisco Bay Regional Water Quality Control Board for groundwater that is a current or potential drinking water resource (SFBRWQCB 2013b).

VOCs were not detected in either soil sample at concentrations at or above their respective laboratory reporting limit and were not detected in either groundwater sample at concentrations above the applicable ESLs (SFBRWQCB 2013b). The VOC chloroform was detected in both groundwater samples; however, this compound may be a laboratory contaminant as it is commonly used in analytical laboratories.

Various metals were detected in soil and groundwater samples. Nickel was detected in soil sample SB-1-5.5 at a concentration of 240 mg/kg which is above the ESL of 150 mg/kg. However, this concentration is within natural background levels of up to 272 mg/kg for nickel in the site vicinity (Lawrence Berkeley National Laboratory 2009). The reported concentrations of the remaining metals were below their respective laboratory reporting limit or were below the applicable ESLs (SFBRWQCB 2013a).

1.4 Conclusions

The results of this Limited Phase II ESA indicated that petroleum hydrocarbons are present in soil and groundwater samples collected from the Site. The concentrations detected in soil were below applicable ESLs while the concentrations detected in groundwater were above applicable ESLs.

1.5 Recommendations

The detection of petroleum hydrocarbons in soil and groundwater samples indicates that a release has occurred on site with reported concentrations in groundwater above applicable ESLs. In accordance with the requirements of the permit issued by Zone 7 Water Agency (Zone 7), a copy of this report must be submitted to Zone 7.

2. INTRODUCTION

ERA is pleased to present this Limited Phase II ESA Report for the property located at 927 Main Street, Pleasanton, Alameda County, California (Figure 1) to Basics Environmental. The Site is currently developed with one commercial building occupied by restaurants (Figure 2).

The findings and conclusions presented in this Report are based on the results of a limited assessment that included collecting and analyzing soil and groundwater samples from the Site and evaluating the data obtained during the field investigation and provided by the analytical laboratory.

2.1 Site Description

Basics Environmental requested that ERA conduct a limited Phase II ESA of the Site to facilitate their evaluation of the Site and current subsurface conditions. Site-specific information is presented in Table 1.

Table 1. General Site Information	
Project Name: Main Street Property	Current Development: One commercial building occupied by two restaurants
Address: 927 Main Street Pleasanton, Alameda County	Occupants: Subway and Hanadi Sushi
Location: Western side of Main Street	

2.2 Background

The Site consists of one parcel of land identified by the Alameda County Assessor’s office as Assessor Parcel Number (APN) 946-3370-22.

The Site is developed with one building occupied by a Subway sandwich shop and a Hanadi Sushi restaurant. According to information obtained by Basics Environmental, the Site was occupied by an auto repair shop from at least the late 1930s until the late 1960s. In addition, a gasoline service station was located on site from the late 1930s until at least the early 1940s/early 1950s. No specific information on former operations (i.e., capacity of former USTs, type and locations of USTs, pump island locations, auto maintenance areas, and use of hazardous materials, etc.) was obtained by Basics Environmental from the local regulatory agency files reviewed during the Phase I ESA. In addition, no information regarding the removal of the USTs or associated sampling was contained within the local regulatory agency files reviewed by Basics Environmental. The approximate footprints of the former gasoline service station building and the canopy over the fuel dispensers are shown on Figure 2.

According to information obtained by Basics Environmental from subsurface investigation reports for the Unocal Service Station located at 1024 Main Street (approximately 150 feet northeast of the Site), the depths to water in the groundwater monitoring wells installed at this service station vary depending on the screen intervals of the wells. In the clay/silt unit, the depth to water can vary but the depth to water in the sand/gravel unit is approximately 37 to 44 feet bgs. Depth-to-water measurements obtained from wells screened in the sand/gravel unit during the February 2009 groundwater monitoring event indicated that groundwater flow direction was to the east-northeast.

2.3 Objectives and Scope of Work

The objective of the limited Phase II ESA was to evaluate current subsurface conditions in select on-site areas. To meet this objective, soil and groundwater samples were collected from sampling locations for analysis with comparison of the analytical results to established screening levels.

The investigation consisted of the following:

- Advancing borings at two sampling locations as shown on the Site Plan, Figure 2: boring SB-1 was advanced to a depth of 40 feet bgs immediately north of the building and boring SB-2 was advanced to a depth of 36 feet bgs immediately south of the building;
- Collecting soil samples from each boring;

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- Collecting groundwater samples from each boring;
- Submitting soil and groundwater samples for TPHg, TPHd, and TPHss; VOCs; and LUFT Manual 5 metals (cadmium, chromium, lead, nickel, and zinc) analysis; and
- Preparing this report presenting the results of the Limited Phase II ESA.

2.4 Limitations and Exceptions

The opinions and recommendations presented in this Report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by ERA and the party for whom this report was originally prepared. This Report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representation, warranty, or guarantee, express or implied, is intended or given. To the extent that ERA relied upon any information prepared by other parties not under contract to ERA, ERA makes no representation as to the accuracy or completeness of such information.

This Report is expressly for the sole and exclusive use of the parties for which this Report was originally prepared for a particular purpose. Only the parties for which this Report was originally prepared and/or other specifically named parties, may make use of and rely upon the information in this Report. Reuse of this Report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties without proper authorization, shall be at the user's sole risk.

The findings presented in this Report apply solely to site conditions existing at the time when ERA's assessment was performed. It must be recognized, however, that a Limited Phase II ESA is conducted for the purpose of evaluating the potential for contamination through limited investigative activities and in no way represents a conclusive or complete site characterization. Conditions in other parts of the project site may vary from those at the locations where data were collected. ERA's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. Therefore, 100 percent confidence in limited Phase II ESA conclusions cannot reasonably be achieved.

Nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations, or standards.

2.5 Special Terms and Conditions

The scope of work for this Limited Phase II ESA was presented in ERA's proposal dated November 2, 2015. The scope of work for this assessment did not include tasks not specifically noted in the proposal.

2.6 User Reliance

This Report is for the exclusive use of the parties for which it was prepared, their agents, and assignees, and for such other parties as ERA agrees may rely on the Report. Use of this Report by any other party shall be at such party's sole risk.

2.7 Qualifications

A summary of the ERA personnel who worked on this project follows:

- Ms. Lita Freeman, California Professional Geologist and California Asbestos Consultant, has over 25 years of experience providing site assessment services. This has included

evaluating potential property impacts from historical on- and off-site operations, conducting subsurface investigations, and implementing site remediation plans. Ms. Freeman works with property owners, attorneys, and regulators to mitigate and resolve environmental issues.

3. FIELD INVESTIGATION

This Limited Phase II ESA was conducted to evaluate current conditions by collecting soil and groundwater samples from select on-site locations for analysis with comparison of the analytical results to established screening levels. The scope of work and results of this Limited Phase II ESA are presented below.

Photographs of the Site and site investigation are included in Appendix A.

3.1 Pre-Field Activities

Before field activities associated with the proposed assessment were conducted, the pre-field tasks described below were completed.

3.1.1 Health and Safety

ERA prepared a site-specific *Health and Safety Plan* for the scope of work as required by the Occupational Health and Safety Administration (OSHA) Standard "Hazardous Waste Operations and Emergency Response" guidelines (29 CFR 1910.120). The document was reviewed and signed by ERA personnel and subcontractors performing work at the Site.

3.1.2 Permitting

ERA obtained soil boring permits from Zone 7 prior to commencing intrusive field activities. ERA coordinated field activities with the Zone 7 and scheduled a Zone 7 inspector to document compliance with permit requirements. A copy of the approved permit is presented in Appendix B.

3.2 Field Activities

3.2.1 Utility Clearance

Before subsurface work was conducted at the Site, the soil boring locations were cleared for underground utilities by notifying Underground Services Alert North (USA North) at least 48 hours prior to intrusive field activities. In addition, Cruz Brothers, a private utility locating contractor, cleared each proposed sampling location prior to intrusive field activities. Proposed sampling locations were adjusted, as necessary, to maintain a distance of at least 3 feet from identified underground utilities/structures.

3.2.2 Drilling and Sampling

On November 13, 2015, ERA personnel provided oversight of a field crew from Cascade Drilling, L.P. (Cascade) of Richmond, California, a California licensed driller, during advancement of the borings using a Geoprobe direct-push drilling rig. A total of two soil borings (SB-1 and SB-2) were advanced at select on-site locations to collect soil and groundwater samples (Figure 2). The boring locations were selected based on available historical information and site observations, as follows:

- Boring SB-1 was placed immediately north of the on-site building and was drilled to a depth of 40 feet bgs;

- Boring SB-2 was placed immediately south of the on-site building and was drilled to a depth of 36 feet bgs.

The sampling program consisted of collecting soil and groundwater samples from each boring.

Down-hole drilling and sampling equipment was washed in a tri-sodium phosphate solution following the completion of sample collection activities for each soil boring.

Soil sampling was conducted during drilling using new acetate sleeves. Soil samples were screened in the field with a photoionization detector (PID) and observed for evidence of chemical staining. The soil screening procedures involved measuring approximately 30 grams of soil from a relatively undisturbed soil sample and placing this sample in a sealed zip-lock bag. The container was warmed in the sun for approximately 20 minutes, then the head space within the bag was tested for total organic vapor, measured in parts per million volume (ppmv). Elevated (above background) PID measurements were noted during sampling with the highest PID reading 376 ppmv) in soil from boring SB-2 at a depth of 30 feet bgs. Evidence of impacted soil (i.e., staining, odors, sheen, etc.) was noted during sampling: green-colored soil with a petroleum hydrocarbon odor was noted in boring SB-2 from a depth of 30 feet bgs to 34 feet bgs. The PID results were recorded on the field boring logs which are included in Appendix C.

Boring SB-1, located north of the on-site building, appeared to be advanced within native soil, while Boring SB-2, located south of the on-site building, appeared to be advanced within fill material (silty clay with gravel and sandy gravel) that extended from a depth of approximately 1 foot bgs (below the asphalt pavement and baserock) to a depth of approximately 20 feet bgs. Silty clay was present from a depth of approximately 20 feet bgs to the maximum depth explored of 36 feet bgs in boring SB-2, as noted above. Based on Basic Environmental's review of historical maps, the USTs associated with the former on-site gasoline service station may have been located in this area.

3.2.2.1 Soil Sampling

A track-mounted direct-push unit was used to drive a steel probe lined with acetate tubes into the ground to the desired depth. The soil samples were retained in the acetate tubes, capped with Teflon squares and plastic end caps, labeled with the boring identification number and the bottom depth (e.g., 2 feet bgs) of the sampling interval, and sealed in zip-lock bags.

The soil samples were placed on ice and transported under chain-of-custody protocols to McCampbell Analytical, Inc. (McCampbell Analytical) of Pittsburg, California, the project laboratory, by a laboratory-provided courier.

3.2.2.2 Groundwater Sampling

New polyvinyl chloride (PVC) casing (with slotted casing in the lower 10 feet and blank casing from above the slotted casing to the ground surface) was placed in each boring. Groundwater was allowed to flow into the casing at each location for approximately one hour. Groundwater was not purged prior to sampling because of the anticipated limited quantity of water in each boring. Groundwater samples were collected in laboratory-provided containers appropriate for the requested analysis.

The groundwater samples containers were labeled with the boring identification number, placed on ice, and transported under chain-of-custody protocols to the project laboratory by a laboratory-provided courier.

3.2.3 Borehole Abandonment and Investigation-Derived Waste Handling

After the sampling activities were complete, each boring was backfilled with cement grout and bentonite in accordance with the Zone 7 permit requirements and the Zone 7 inspector's directions.

Investigation-derived waste (IDW), which was limited to soil cuttings, produced during sampling activities were containerized in one 55-gallon container and left on the Site pending receipt of analytical results. Appropriate off-site disposal options will be presented to the client after evaluation of the analytical results.

4. ANALYSIS, RESULTS, AND EVALUATION

The soil and groundwater samples were submitted to McCampbell Analytical, a laboratory certified by the State of California to perform the requested analyses. The analytical methods, results, and evaluation of this Limited Phase II ESA are presented below. Copies of the laboratory analytical report and chain-of-custody documentation are presented in Appendix D.

4.1 Soil Analysis and Results

The soil samples collected from borings SB-1 (5.0 to 5.5 feet depth interval) and SB-2 (1.5 to 2 feet depth interval) were submitted for analyses as follows:

- TPHg, TPHd, and TPHss using U.S. Environmental Protection Agency (U.S. EPA) SW8015B without silica gel cleanup;
- VOCs using U.S. EPA Method 8260B; and
- LUFT 5 metals (cadmium, chromium, lead, nickel, and zinc).

Petroleum hydrocarbons were not detected in the soil samples at concentrations at or above their respective laboratory reporting limit with the exception of TPHd. TPHd was reported in sample SB-2-2 at a concentration of 16 mg/kg (see Table 2).

VOCs were not detected in the soil samples at concentrations at or above their respective laboratory reporting limit (see McCampbell Analytical report in Appendix D).

Cadmium, chromium, lead, nickel, and/or zinc were detected in each of the two soil samples (Table 3). Cadmium was detected in sample SB-2-2 at a concentration of 0.36 mg/kg. The remaining metals were detected in both samples at the following maximum concentrations: chromium (up to 260 mg/kg), lead (up to 61 mg/kg), nickel (up to 240 mg/kg), and zinc (up to 110 mg/kg).

The analytical results for the compounds detected in the soil samples are presented in Tables 2 and 3 and discussed below in Section 4.3.

4.2 Groundwater Analysis and Results

The groundwater samples were submitted for analyses as follows:

- TPHg, TPHd, and TPHss using U.S. EPA SW8015B without silica gel cleanup;
- VOCs using U.S. EPA Method 8260B; and
- LUFT 5 metals (cadmium, chromium, lead, nickel, and zinc).

Petroleum hydrocarbons were not detected in the groundwater sample (SB-1-W) from boring SB-1 at concentrations at or above their respective laboratory reporting limit with the exception of

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TPHd detected at a concentration of 120 µg/L. TPHg (at a concentration of 1,400 µg/L), TPHd (at a concentration of 1,000 µg/L), and TPHss (at a concentration of 1,400 µg/L) were reported in the groundwater sample (SB-2-W) from boring SB-2 (Table 2).

The VOCs bromodichloromethane and chloroform were detected in the groundwater sample (SB-1-W) from boring SB-1. Various VOCs, including ethylbenzene and xylenes, were detected in the groundwater sample (SB-2-W) from boring SB-2 at concentrations (Table 2). This compound may be a laboratory contaminant as it is commonly used in analytical laboratories.

Groundwater samples were collected in unpreserved containers and filtered at the laboratory prior to metals analysis. Cadmium, lead, and zinc were not detected in the two groundwater samples (Table 3). Chromium was detected in sample SB-1-W at a concentration of 0.63 µg/L and nickel was detected in samples SB-1-W and SB-2-W at concentrations of 1.8 µg/L and 4.8 µg/L, respectively.

The analytical results for the compounds detected in the groundwater samples are presented in Tables 2 and 3 and discussed below in Section 4.3.

4.3 EVALUATION

The concentrations of compounds of concern detected in soil samples were compared to ESLs for shallow soil in area of commercial/industrial land use where groundwater is a current or potential drinking water resource as established by the SFBRWQCB (SFBRWQCB 2013a).

The concentrations of compounds of concern detected in groundwater samples were compared to the ESLs for groundwater where groundwater is a current or potential drinking water resource (SFBRWQCB 2013b).

4.3.1 Soil Results Evaluation

Comparison of the analytical results to the ESLs for soil at commercial/industrial land use (SFBRWQCB 2013a) indicate that the concentrations of detected compounds (petroleum hydrocarbons, VOCs, and metals) were below their respective ESLs with the exception of nickel in sample SB-1-5.5 (Tables 2 and 3).

Nickel was detected in sample SB-1-5.5 at a concentration of 240 mg/kg which is above the ESL of 150 mg/kg (Table 3). Regional background levels for nickel have been reported at 55 mg/kg (Shacklette and Boerngen 1984) with the 95th and 99th percentile estimates established as 164 mg/kg and 272 mg/kg, respectively, during a Lawrence Berkeley National Laboratory study (Lawrence Berkeley National Laboratory 2009).

As noted above in Section 3.2.2, native soil was observed in boring SB-1 from below the asphalt and baserock to the total depth of this boring, while what appeared to be fill material was observed in boring SB-2 from below the asphalt and baserock to a depth of approximately 20 feet bgs. The differences in chromium, lead, nickel, and zinc concentrations between soil sample SB-1-5.5 and SB-2-2 would likely be related to the composition of native soil versus fill material.

4.3.2 Groundwater Results Evaluation

Comparison of the analytical results to the ESLs for groundwater where groundwater is a current or potential drinking water resource (SFBRWQCB 2013b) indicated that the concentrations of TPHd (120 µg/L) in the groundwater sample SB-1-W and TPHg (1,400 µg/L), TPHd (1,000 µg/L), and

TPHs (1,400 µg/L) in the groundwater sample SB-2-W were above the ESL of 100 µg/L for each of these compounds (Table 2).

The VOC concentrations detected in both groundwater samples were below the ESLs for groundwater where groundwater is a current or potential drinking water resource (SFBRWQCB 2013b), as shown in Table 2.

Comparison of the analytical results for metals to the ESLs for groundwater where groundwater is a current or potential drinking water resource (SFBRWQCB 2013b) indicated that the metals concentrations reported for samples SB-1-W and SB-2-W were below their respective ESLs (Table 3).

5. CONCLUSIONS

The results of this Limited Phase II ESA indicate that petroleum hydrocarbons, various metals, and VOCs, are present in soil and groundwater samples collected from the Site.

Review of the analytical results indicated the following compounds were not detected in the noted samples at concentrations at or above their respective laboratory reporting limits:

- petroleum hydrocarbons in soil sample SB-1-5.5;
- TPHg and TPHss in soil sample SB-2-2;
- TPHg and TPHss in groundwater sample SB-1-W;
- VOCs in soil samples from both borings;
- Cadmium in soil sample SB-1-5.5;
- Cadmium, lead, and zinc in groundwater samples SB-1-W and SB-2-W; and
- Chromium in groundwater sample SB-2-W.

Review of the analytical results indicated the following compounds were detected in the noted samples at concentrations below applicable ESLs:

- TPHd detected in soil sample SB-2-2;
- VOCs in groundwater samples from both borings (chloroform reported in the groundwater samples may be a laboratory contaminant as it is commonly used in analytical laboratories);
- cadmium in soil sample SB-2-2;
- chromium, lead, and zinc in soil samples from both borings;
- nickel in soil sample SB-2-2;
- chromium and nickel in groundwater sample SB-1-W; and
- nickel in groundwater sample SB-2-W.

Nickel was detected in soil sample SB-1-5.5 at a concentration of 240 mg/kg, which is above the ESL of 150 mg/kg. However, this concentration is within natural background levels of up to 272 mg/kg for nickel in the site vicinity (Lawrence Berkeley National Laboratory 2009).

The concentrations of TPHd (120 µg/L) in groundwater sample SB-1-W and TPHg (1,400 µg/L), TPHd (1,000 µg/L), and TPHss (1,400 µg/L) in groundwater sample SB-2-W were above the ESL of 100 µg/L for each of these compounds.

6. RECOMMENDATIONS

The detection of petroleum hydrocarbons in soil and groundwater samples indicates that a release has occurred on site with reported concentrations above applicable ESLs in groundwater. In accordance with the requirements of the permit issued by Zone 7, a copy of this report must be submitted to Zone 7.

7. REFERENCES

American Society for Testing and Materials (ASTM). 2010. *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. June.

California Environmental Protection Agency, San Francisco Bay Regional Water Quality Control Board (SFBRWQCB). 2013a. *Environmental Screening Levels, Table A-2: Shallow Soil Screening Levels (<3m bgs) Commercial/Industrial Land Use (Groundwater is a Current or Potential Drinking Water Resource)*, Interim Final. December.

---. 2013b. *Environmental Screening Levels, Table F-1a: Groundwater Screening Levels (groundwater is a current or potential drinking water resource)*, Interim Final, December.

Lawrence Berkeley National Laboratory. 2009. *Analysis of Background Distributions of Metals in the Soil at Lawrence Berkeley National Laboratory*. June 2002, rev. April 2009.

Shacklette, H.T., and J.G. Boerngen. 1984. *Element Concentrations in Soils and Other Surficial Materials, Conterminous United States, U.S. Geological Survey Professional Paper 1270*.

SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

Report Prepared By:



November 27, 2015

Lita D. Freeman, P.G.
Principal Geologist
California Professional Geologist No. 7368

Date

* A professional geologist's certification of conditions comprises a declaration of his or her professional judgment. It does not constitute a warranty or guarantee, expressed or implied, nor does it relieve any other party of its responsibility to abide by contract documents, applicable codes, standards, regulations, and ordinances.

TABLES

Table 2
Soil and Groundwater Samples Organics Analytical Summary
Main Street Property
927 Main Street
Pleasanton, California

On-Site Location/ Comments	Sample ID	Sample Depth (feet bgs) ¹	Matrix	Petroleum Hydrocarbons ²			VOCs ³										
				TPHg ³	TPHd ³	TPHss ³	Bromochloro- methane	n-Butyl benzene	sec-Butyl benzene	Chloroform	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Propyl benzene	1,2,4- Trimethylbenzene	1,3,5- Trimethylbenzene	Xylenes
ESL for Shallow Soil				500	110	500	1.5	NE	NE	2.4	3.3	NE	1.2	NE	NE	NE	2.3
North of Former Gas Station Building	SB-1-5.5	5.0 - 5.5	Soil	<1	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
North End of Former Canopy	SB-2-2	1.5 - 2.0	Soil	<1	16	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
ESL for Groundwater				100	100	100	80	NE	NE	80	30	NE	6.1	NE	NE	NE	20
North of Former Gas Station Building	SB-1-W	NA	Ground- water	<50	120	<50	1.3	<0.5	<0.5	5.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
North End of Former Canopy	SB-2-W	NA	Ground- water	1,400	1,000	1,400	1.3	4.9	1.1	5.8	6.1	1.1	5.3	4.5	28	7.2	19

Notes:

Units: Soil: mg/kg = milligrams per kilogram, Groundwater: µg/L = micrograms per liter

1. bgs = below ground surface

2. TPHg, TPHd, TPHss = Total petroleum hydrocarbons (TPH) quantified as gasoline, quantified as diesel, and TPH quantified as Stoddard solvent were analyzed using U.S. EPA Method 8015B/C.

3. Volatile organic compounds (VOCs) were analyzed using U.S. EPA Method 8260B.

ESL for Shallow Soil = Environmental Screening Levels for shallow soil as established by the California Environmental Protection Agency, San Francisco Bay Regional Water Quality Control Board (SFBRWQCB, Shallow Soil Screening Levels (<3 m bgs) Commercial/Industrial Land Use (groundwater is a current or potential drinking water resource), Table A-2, December 2013).

ESL for Groundwater = Environmental Screening Levels for groundwater as established by the California Environmental Protection Agency, San Francisco Bay Regional Water Quality Control Board (SFBRWQCB, Groundwater Screening Levels (groundwater is a current or potential drinking water resource), Table F-1a, December 2013).

NE = Not established

<1 = Not detected at stated concentration

Bold = Compound detected

Bold = Compound detected above ESL

Table 3
Soil and Groundwater Samples Inorganics Analytical Summary
Main Street Property
927 Main Street
Pleasanton, California

On-Site Location/ Comments	Sample ID	Sample Depth (feet bgs) ¹	Matrix	Metals (soil: mg/kg, GW: µg/L)				
				Cadmium	Chromium	Lead	Nickel	Zinc
Analytes								
ESL for Shallow Soil				12	2,500	320	150	600
North of Former Gas Station Building	SB-1-5.5	5.0 - 5.5	Soil	<0.25	260	10	240	60
North End of Former Canopy	SB-2-2	1.5 - 2.0	Soil	0.36	130	61	80	110
ESL for Groundwater				0.25	50	2.5	8.2	81
North of Former Gas Station Building	SB-1-W	NA	Groundwater	<0.25	0.63	<0.5	1.8	<15
North End of Former Canopy	SB-2-W	NA	Groundwater	<0.25	<0.5	<0.5	4.8	<15

Notes:

Units: Soil: mg/kg = milligrams per kilogram; Groundwater: µg/L = micrograms per liter

1. bgs = below ground surface

ESL for Shallow Soil = Environmental Screening Levels for shallow soil as established by the California Environmental Protection Agency, San Francisco Bay Regional Water Quality Control Board (SFBRWQCB, Shallow Soil Screening Levels (<3 m bgs) Commercial/Industrial Land Use (groundwater is a current or potential drinking water resource), Table A-2, December 2013).

ESL for Groundwater = Environmental Screening Levels for groundwater as established by the California Environmental Protection Agency, San Francisco Bay Regional Water Quality Control Board (SFBRWQCB, Groundwater Screening Levels (groundwater is a current or potential drinking water resource), Table F-1a, December 2013).

NA = Not Applicable

<0.25 = Not detected at stated concentration

Bold = Compound detected

Bold = Compound detected above ESL

FIGURES



USGS Dublin and Livermore, California Quadrangle Topographic Maps, 2015

Legend	
	Site (boundaries approximate)



Site Location Map

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

927 Main Street, Pleasanton, California

PN: 01-2015-500-007

Date: November 27, 2015

EP: Lita Freeman

Figure 1



<ul style="list-style-type: none"> - - - Approximate Property Boundary · · · Former Gas Station Building - - - Former Canopy Over Dispensers ● Sampling Location 	<p>↑ North</p> <p>0 _____ 75</p> <p>Scale (feet, approximate)</p>
--	---



Site Plan
LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT
927 Main Street, Pleasanton, California

PN: 01-2015-500-007
Date: November 27, 2015
EP: Lita Freeman
Figure 2

Appendix A

Site Photographs

Photographic Log
927 Main Street
Pleasanton, California 94566
ERA Project No. 01-2015-500-007

Photograph: 1

Description:

Photo depicts the sampling at boring SB-1 (north of on-site building).



Photograph: 2

Description:

Photo depicts sampling location SB-2 on southern side of on-site building.



Photographic Log
927 Main Street
Pleasanton, California 94566
ERA Project No. 01-2015-500-007

Photograph: 3

Description:

Photo depicts groundwater sampling at SB-1.



Photograph: 4

Description:

Photo depicts backfilled boring SB-2.



Appendix B

Soil Boring Permit



ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 245-9306
E-MAIL whong@zone7water.com

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 927 Main Street,
Pleasanton, CA 94566

PERMIT NUMBER _____
WELL NUMBER _____
APN _____

Coordinates Source GoogleEarth ft. Accuracy _____ ft.
LAT: 37.665986 ft. LONG: -121.87388 ft.
APN 946-3370-22

PERMIT CONDITIONS (Circled Permit Requirements Apply)

CLIENT
Name Mr. Brad Hirst
Address 4460 Black Ave. Ste L Phone 925-484-3636
City Pleasanton Zip 94566

- A. GENERAL**
 1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to your proposed starting date.
 2. Submit to Zone 7 within 60 days after completion of permitted work the original **Department of Water Resources Water Well Drillers Report (DWR Form 188), signed by the driller.**
 3. Permit is void if project not begun within 90 days of approval date.
 4. Notify Zone 7 at least 24 hours before the start of work.

APPLICANT
Name Lita Freeman/Basics Environmental
Email litafreeman@gmail.com Fax _____
Address 1420 E Roseville Pkwy, 140-262 Phone 916-677-9897
City Roseville Zip 95661

- B. WATER SUPPLY WELLS**
 1. Minimum surface seal diameter is four inches greater than the well casing diameter and six inches for public wells.
 2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
 3. Grout placed by tremie.
 4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
 5. A sample port is required on the discharge pipe near the wellhead.

TYPE OF PROJECT:
Well Construction Geotechnical Investigation
Well Destruction Contamination Investigation
Cathodic Protection Other Baseline
Environmental

- C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS**
 1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
 2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
 3. Grout placed by tremie.

PROPOSED WELL USE:
Domestic Irrigation
Municipal Remediation
Industrial Groundwater Monitoring
Dewatering Other _____

DRILLING METHOD:
Mud Rotary Air Rotary Hollow Stem Auger
Cable Tool Direct Push Other _____

DRILLING COMPANY Cascade Drilling

DRILLER'S LICENSE NO. C57-938110

- D. GEOTECHNICAL.** Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

WELL SPECIFICATIONS:
Drill Hole Diameter _____ in. Maximum _____
Casing Diameter _____ in. Depth _____ ft.
Surface Seal Depth _____ ft. Number _____

SOIL BORINGS:
Number of Borings 2 Maximum _____
Hole Diameter 1.5 in. Depth 50 ft.

ESTIMATED STARTING DATE 11-13-2015
ESTIMATED COMPLETION DATE 11-13-2015

- E. CATHODIC.** Fill hole above anode zone with concrete placed by tremie.
- F. WELL DESTRUCTION.** See attached.

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

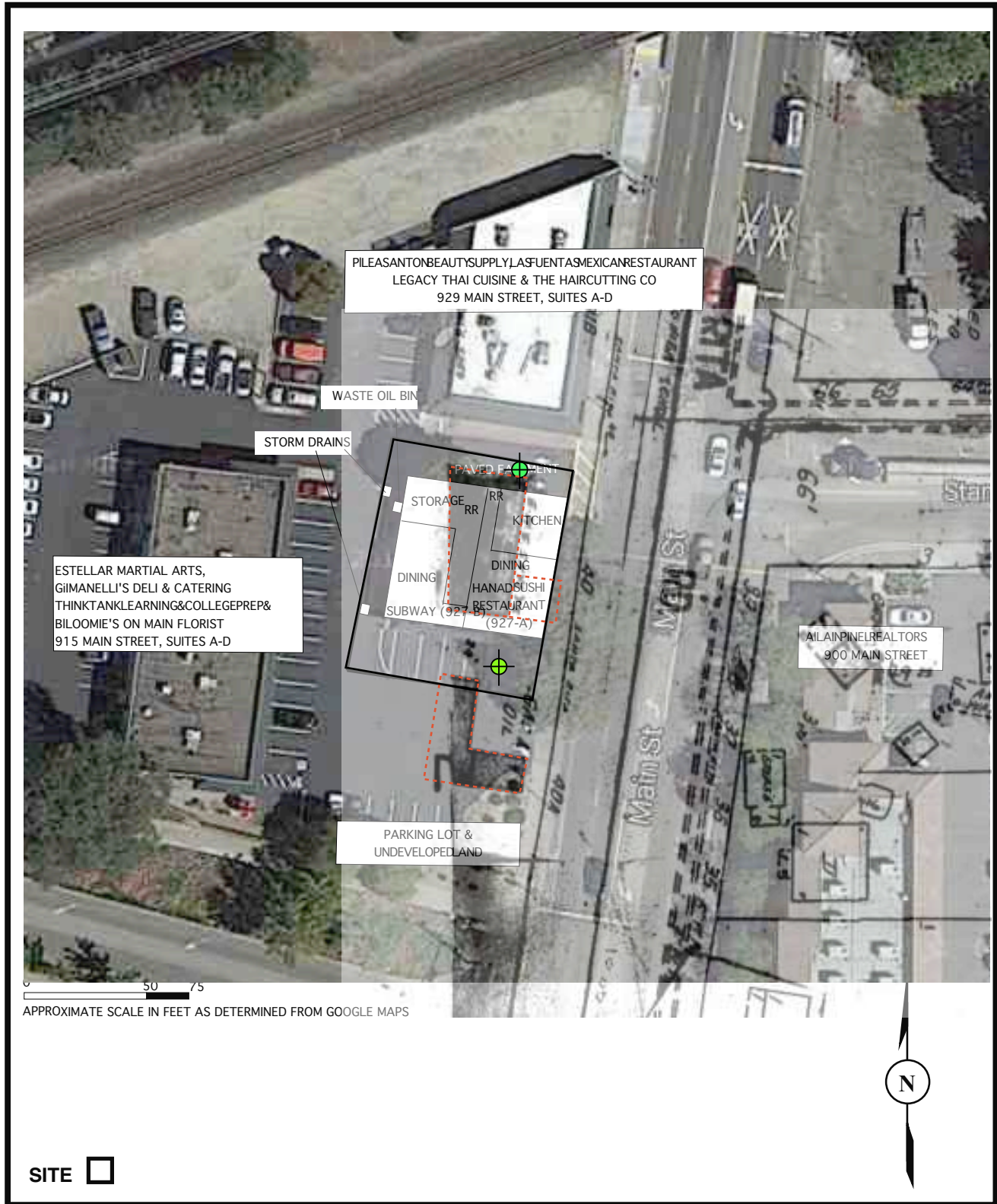
- G. SPECIAL CONDITIONS.** Submit to Zone 7 within 60 days after completion of permitted work the well installation report **including all soil and water laboratory analysis results.**

APPLICANT'S SIGNATURE Lita D. Freeman Date 11-3-15

Approved Wyman Hong Date _____
Wyman Hong

ATTACH SITE PLAN OR SKETCH

Revised: May 17, 2011



Site Plan (with Sanborn Map of 1953)



Limited Phase II Environmental Site Sampling
 927 Main Street
 Pleasanton, California

PROJECT NO.
 13-ENV3567

DRAWING NO.


Appendix C


Soil Boring Logs

Boring location: See Figure 2	Logged by: Lita Freeman
Date started: 11/13/15 Date finished: 11/13/15	
Drilling method: Direct Push	
Hammer weight/drop: NA Hammer type: NA	LABORATORY TEST DATA

DEPTH (feet)	SAMPLES				LITHOLOGY	MATERIAL DESCRIPTION	Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
	PID (ppmv)	Sample	Blows/ 6"	SPT N-Value ¹								
						Ground Surface Elevation: -- feet ²						
1						Asphalt (8 inches) / Baserock (4 inches)						
2						Silt (ML), Brown (7.5 YR 4/6), low plasticity, stiff, dry						
3												
4												
5	184											
6												
7												
8												
9												
10	225											
11						Silty Clay (CL/CH), Brown (7.5 YR 4/6), moderate plasticity, stiff, dry						
12												
13												
14												
15	269											
16												
17												
18												
19												
20	241											
21												
22												
23												
24												
25												
26												
27												
28						- color change to Light Brown (7.5 YR 6/4) at 28 feet bgs						
29												
30												

Boring terminated at a depth of 40 feet below ground surface.
 Boring backfilled with cement grout.
 Groundwater encountered at a depth of NA feet during drilling.

PROJECT: 927 Main Street, Pleasanton, California						Log of Boring SB-1						
Boring location: See Figure 2						Logged by: Lita Freeman						
Date started: 11/13/15			Date finished: 11/13/15									
Drilling method: Direct Push												
Hammer weight/drop: NA			Hammer type: NA			LABORATORY TEST DATA						
Sampler: Fernando-Cascade/Lita Freeman-ERA												
DEPTH (feet)	SAMPLES				LITHOLOGY	MATERIAL DESCRIPTION	Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
	PID (ppmv)	Sample	Blows/ 6"	SPT N-Value ¹								
						Ground Surface Elevation: -- feet ²						
31						- moist at 30 feet bgs						
32												
33												
34						- very moist at 34 feet bgs						
35												
36												
37												
38												
39												
40						Bottom of Boring = 40 feet						
41												
42												
43												
44												
45												
46												
47												
48												
49												
50												
51												
52												
53												
54												
55												
56												
57												
58												
59												
60												
Boring terminated at a depth of <u>40</u> feet below ground surface. Boring backfilled with cement grout. Groundwater encountered at a depth of <u>NA</u> feet during drilling.						 Environmental Risk Assessors Project No.: 01-2015-500-007 Figure: C-1						

PROJECT: 927 Main Street, Pleasanton, California						Log of Boring SB-2		PAGE 1 OF 2		
Boring location: See Figure 2						Logged by: Lita Freeman				
Date started: 11/13/15			Date finished: 11/13/15							
Drilling method: Direct Push										
Hammer weight/drop: NA			Hammer type: NA			LABORATORY TEST DATA				
Sampler: Fernando-Cascade/Lita Freeman-ERA										
DEPTH (feet)	SAMPLES				LITHOLOGY	MATERIAL DESCRIPTION				
	PID (ppmv)	Sample	Blows/ 6"	SPT N-Value ¹		Ground Surface Elevation: -- feet ²				
1						Asphalt (6 inches) / Baserock (4 inches)				
2						FILL MATERIAL, Silt (ML), Brown (7.5 YR 4/6), some medium-grained to coarse-grained gravel with increasing gravel with depth, low plasticity, stiff, dry				
3										
4										
5	264									
6										
7						- fine-grained sand with medium-grained to coarse-grained gravel at 7 feet bgs				
8										
9										
10	209									
11						FILL MATERIAL, Sandy Gravel (GP), Brown (7.5 YR 4/6), coarse-grained gravel, fine-grained to coarse-grained sand, dry				
12										
13										
14										
15	267									
16										
17										
18										
19										
20	298					Silty Clay (CL/CH), Brown (7.5 YR 4/6), moderate plasticity, stiff, dry				
21										
22										
23										
24										
25										
26										
27										
28						-moist at 28 feet bgs				
29										
30	376									
Boring terminated at a depth of <u>36</u> feet below ground surface. Boring backfilled with cement grout. Groundwater encountered at a depth of <u>NA</u> feet during drilling.						 Environmental Risk Assessors				
						Project No.: 01-2015-500-007		Figure: C-2		

Boring location: See Figure 2	Logged by: Lita Freeman
Date started: 11/13/15	Date finished: 11/13/15
Drilling method: Direct Push	

Hammer weight/drop: NA	Hammer type: NA	LABORATORY TEST DATA
------------------------	-----------------	-----------------------------

Sampler: Fernando-Cascade/Lita Freeman-ERA												
DEPTH (feet)	SAMPLES				LITHOLOGY	MATERIAL DESCRIPTION	Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
	PID (ppmv)	Sample	Blows/ 6"	SPT N-Value ¹								

31						-color change to green with petroleum hydrocarbon odor from 30 feet bgs to 34 feet bgs						
32												
33												
34						-very moist at 34 feet bgs						
35												
36						Bottom of Boring = 36 feet						
37												
38												
39												
40												
41												
42												
43												
44												
45												
46												
47												
48												
49												
50												
51												
52												
53												
54												
55												
56												
57												
58												
59												
60												

Boring terminated at a depth of 36 feet below ground surface.
 Boring backfilled with cement grout.
 Groundwater encountered at a depth of NA feet during drilling.

Appendix D

Laboratory Analytical Report and
Chain-of-Custody Documentation



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1511651

Report Created for: Basics Environmental

655 12th Street, Suite 126
Oakland, CA 94607

Project Contact: Donovan Tom

Project P.O.:

Project Name: Pleasanton, CA

Project Received: 11/13/2015

Analytical Report reviewed & approved for release on 11/20/2015 by:

Angela Rydelius,
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.





Glossary of Terms & Qualifier Definitions

Client: Basics Environmental

Project: Pleasanton, CA

WorkOrder: 1511651

Glossary Abbreviation

95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Glossary of Terms & Qualifier Definitions

Client: Basics Environmental

Project: Pleasanton, CA

WorkOrder: 1511651

Analytical Qualifiers

S	spike recovery outside accepted recovery limits
F	sample was filtered upon arrival to the lab
c4	surrogate recovery outside of the control limits due to coelution with another peak(s) / cluttered chromatogram.
d2	heavier gasoline range compounds are significant (aged gasoline?)
d9	no recognizable pattern
e2	diesel range compounds are significant; no recognizable pattern
e4	gasoline range compounds are significant.
e7	oil range compounds are significant

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validated the prep batch.
----	---



Analytical Report

Client: Basics Environmental
Date Received: 11/13/15 19:17
Date Prepared: 11/16/15
Project: Pleasanton, CA

WorkOrder: 1511651
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-2-2	1511651-001B	Soil	11/13/2015 08:15	GC10	112956

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	11/16/2015 11:04
tert-Amyl methyl ether (TAME)	ND	0.0050	1	11/16/2015 11:04
Benzene	ND	0.0050	1	11/16/2015 11:04
Bromobenzene	ND	0.0050	1	11/16/2015 11:04
Bromochloromethane	ND	0.0050	1	11/16/2015 11:04
Bromodichloromethane	ND	0.0050	1	11/16/2015 11:04
Bromoform	ND	0.0050	1	11/16/2015 11:04
Bromomethane	ND	0.0050	1	11/16/2015 11:04
2-Butanone (MEK)	ND	0.020	1	11/16/2015 11:04
t-Butyl alcohol (TBA)	ND	0.050	1	11/16/2015 11:04
n-Butyl benzene	ND	0.0050	1	11/16/2015 11:04
sec-Butyl benzene	ND	0.0050	1	11/16/2015 11:04
tert-Butyl benzene	ND	0.0050	1	11/16/2015 11:04
Carbon Disulfide	ND	0.0050	1	11/16/2015 11:04
Carbon Tetrachloride	ND	0.0050	1	11/16/2015 11:04
Chlorobenzene	ND	0.0050	1	11/16/2015 11:04
Chloroethane	ND	0.0050	1	11/16/2015 11:04
Chloroform	ND	0.0050	1	11/16/2015 11:04
Chloromethane	ND	0.0050	1	11/16/2015 11:04
2-Chlorotoluene	ND	0.0050	1	11/16/2015 11:04
4-Chlorotoluene	ND	0.0050	1	11/16/2015 11:04
Dibromochloromethane	ND	0.0050	1	11/16/2015 11:04
1,2-Dibromo-3-chloropropane	ND	0.0040	1	11/16/2015 11:04
1,2-Dibromoethane (EDB)	ND	0.0040	1	11/16/2015 11:04
Dibromomethane	ND	0.0050	1	11/16/2015 11:04
1,2-Dichlorobenzene	ND	0.0050	1	11/16/2015 11:04
1,3-Dichlorobenzene	ND	0.0050	1	11/16/2015 11:04
1,4-Dichlorobenzene	ND	0.0050	1	11/16/2015 11:04
Dichlorodifluoromethane	ND	0.0050	1	11/16/2015 11:04
1,1-Dichloroethane	ND	0.0050	1	11/16/2015 11:04
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	11/16/2015 11:04
1,1-Dichloroethene	ND	0.0050	1	11/16/2015 11:04
cis-1,2-Dichloroethene	ND	0.0050	1	11/16/2015 11:04
trans-1,2-Dichloroethene	ND	0.0050	1	11/16/2015 11:04
1,2-Dichloropropane	ND	0.0050	1	11/16/2015 11:04
1,3-Dichloropropane	ND	0.0050	1	11/16/2015 11:04
2,2-Dichloropropane	ND	0.0050	1	11/16/2015 11:04

(Cont.)



Analytical Report

Client: Basics Environmental
 Date Received: 11/13/15 19:17
 Date Prepared: 11/16/15
 Project: Pleasanton, CA

WorkOrder: 1511651
 Extraction Method: SW5030B
 Analytical Method: SW8260B
 Unit: mg/kg

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-2-2	1511651-001B	Soil	11/13/2015 08:15	GC10	112956
Analytes	Result	RL	DF	Date Analyzed	
1,1-Dichloropropene	ND	0.0050	1	11/16/2015 11:04	
cis-1,3-Dichloropropene	ND	0.0050	1	11/16/2015 11:04	
trans-1,3-Dichloropropene	ND	0.0050	1	11/16/2015 11:04	
Diisopropyl ether (DIPE)	ND	0.0050	1	11/16/2015 11:04	
Ethylbenzene	ND	0.0050	1	11/16/2015 11:04	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	11/16/2015 11:04	
Freon 113	ND	0.0050	1	11/16/2015 11:04	
Hexachlorobutadiene	ND	0.0050	1	11/16/2015 11:04	
Hexachloroethane	ND	0.0050	1	11/16/2015 11:04	
2-Hexanone	ND	0.0050	1	11/16/2015 11:04	
Isopropylbenzene	ND	0.0050	1	11/16/2015 11:04	
4-Isopropyl toluene	ND	0.0050	1	11/16/2015 11:04	
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	11/16/2015 11:04	
Methylene chloride	ND	0.0050	1	11/16/2015 11:04	
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	11/16/2015 11:04	
Naphthalene	ND	0.0050	1	11/16/2015 11:04	
n-Propyl benzene	ND	0.0050	1	11/16/2015 11:04	
Styrene	ND	0.0050	1	11/16/2015 11:04	
1,1,1,2-Tetrachloroethane	ND	0.0050	1	11/16/2015 11:04	
1,1,2,2-Tetrachloroethane	ND	0.0050	1	11/16/2015 11:04	
Tetrachloroethene	ND	0.0050	1	11/16/2015 11:04	
Toluene	ND	0.0050	1	11/16/2015 11:04	
1,2,3-Trichlorobenzene	ND	0.0050	1	11/16/2015 11:04	
1,2,4-Trichlorobenzene	ND	0.0050	1	11/16/2015 11:04	
1,1,1-Trichloroethane	ND	0.0050	1	11/16/2015 11:04	
1,1,2-Trichloroethane	ND	0.0050	1	11/16/2015 11:04	
Trichloroethene	ND	0.0050	1	11/16/2015 11:04	
Trichlorofluoromethane	ND	0.0050	1	11/16/2015 11:04	
1,2,3-Trichloropropane	ND	0.0050	1	11/16/2015 11:04	
1,2,4-Trimethylbenzene	ND	0.0050	1	11/16/2015 11:04	
1,3,5-Trimethylbenzene	ND	0.0050	1	11/16/2015 11:04	
Vinyl Chloride	ND	0.0050	1	11/16/2015 11:04	
Xylenes, Total	ND	0.0050	1	11/16/2015 11:04	

(Cont.)



Analytical Report

Client: Basics Environmental
Date Received: 11/13/15 19:17
Date Prepared: 11/16/15
Project: Pleasanton, CA

WorkOrder: 1511651
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-2-2	1511651-001B	Soil	11/13/2015 08:15	GC10	112956

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	99	70-130		11/16/2015 11:04
Toluene-d8	109	70-130		11/16/2015 11:04
4-BFB	93	70-130		11/16/2015 11:04
Benzene-d6	75	60-140		11/16/2015 11:04
Ethylbenzene-d10	89	60-140		11/16/2015 11:04
1,2-DCB-d4	66	60-140		11/16/2015 11:04

Analyst(s): KF



Analytical Report

Client: Basics Environmental
Date Received: 11/13/15 19:17
Date Prepared: 11/16/15
Project: Pleasanton, CA

WorkOrder: 1511651
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-1-5.5	1511651-008B	Soil	11/13/2015 10:05	GC10	112987

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	11/16/2015 11:44
tert-Amyl methyl ether (TAME)	ND	0.0050	1	11/16/2015 11:44
Benzene	ND	0.0050	1	11/16/2015 11:44
Bromobenzene	ND	0.0050	1	11/16/2015 11:44
Bromochloromethane	ND	0.0050	1	11/16/2015 11:44
Bromodichloromethane	ND	0.0050	1	11/16/2015 11:44
Bromoform	ND	0.0050	1	11/16/2015 11:44
Bromomethane	ND	0.0050	1	11/16/2015 11:44
2-Butanone (MEK)	ND	0.020	1	11/16/2015 11:44
t-Butyl alcohol (TBA)	ND	0.050	1	11/16/2015 11:44
n-Butyl benzene	ND	0.0050	1	11/16/2015 11:44
sec-Butyl benzene	ND	0.0050	1	11/16/2015 11:44
tert-Butyl benzene	ND	0.0050	1	11/16/2015 11:44
Carbon Disulfide	ND	0.0050	1	11/16/2015 11:44
Carbon Tetrachloride	ND	0.0050	1	11/16/2015 11:44
Chlorobenzene	ND	0.0050	1	11/16/2015 11:44
Chloroethane	ND	0.0050	1	11/16/2015 11:44
Chloroform	ND	0.0050	1	11/16/2015 11:44
Chloromethane	ND	0.0050	1	11/16/2015 11:44
2-Chlorotoluene	ND	0.0050	1	11/16/2015 11:44
4-Chlorotoluene	ND	0.0050	1	11/16/2015 11:44
Dibromochloromethane	ND	0.0050	1	11/16/2015 11:44
1,2-Dibromo-3-chloropropane	ND	0.0040	1	11/16/2015 11:44
1,2-Dibromoethane (EDB)	ND	0.0040	1	11/16/2015 11:44
Dibromomethane	ND	0.0050	1	11/16/2015 11:44
1,2-Dichlorobenzene	ND	0.0050	1	11/16/2015 11:44
1,3-Dichlorobenzene	ND	0.0050	1	11/16/2015 11:44
1,4-Dichlorobenzene	ND	0.0050	1	11/16/2015 11:44
Dichlorodifluoromethane	ND	0.0050	1	11/16/2015 11:44
1,1-Dichloroethane	ND	0.0050	1	11/16/2015 11:44
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	11/16/2015 11:44
1,1-Dichloroethene	ND	0.0050	1	11/16/2015 11:44
cis-1,2-Dichloroethene	ND	0.0050	1	11/16/2015 11:44
trans-1,2-Dichloroethene	ND	0.0050	1	11/16/2015 11:44
1,2-Dichloropropane	ND	0.0050	1	11/16/2015 11:44
1,3-Dichloropropane	ND	0.0050	1	11/16/2015 11:44
2,2-Dichloropropane	ND	0.0050	1	11/16/2015 11:44

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Analytical Report

Client: Basics Environmental
 Date Received: 11/13/15 19:17
 Date Prepared: 11/16/15
 Project: Pleasanton, CA

WorkOrder: 1511651
 Extraction Method: SW5030B
 Analytical Method: SW8260B
 Unit: mg/kg

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-1-5.5	1511651-008B	Soil	11/13/2015 10:05	GC10	112987
Analytes	Result	RL	DF	Date Analyzed	
1,1-Dichloropropene	ND	0.0050	1	11/16/2015 11:44	
cis-1,3-Dichloropropene	ND	0.0050	1	11/16/2015 11:44	
trans-1,3-Dichloropropene	ND	0.0050	1	11/16/2015 11:44	
Diisopropyl ether (DIPE)	ND	0.0050	1	11/16/2015 11:44	
Ethylbenzene	ND	0.0050	1	11/16/2015 11:44	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	11/16/2015 11:44	
Freon 113	ND	0.0050	1	11/16/2015 11:44	
Hexachlorobutadiene	ND	0.0050	1	11/16/2015 11:44	
Hexachloroethane	ND	0.0050	1	11/16/2015 11:44	
2-Hexanone	ND	0.0050	1	11/16/2015 11:44	
Isopropylbenzene	ND	0.0050	1	11/16/2015 11:44	
4-Isopropyl toluene	ND	0.0050	1	11/16/2015 11:44	
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	11/16/2015 11:44	
Methylene chloride	ND	0.0050	1	11/16/2015 11:44	
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	11/16/2015 11:44	
Naphthalene	ND	0.0050	1	11/16/2015 11:44	
n-Propyl benzene	ND	0.0050	1	11/16/2015 11:44	
Styrene	ND	0.0050	1	11/16/2015 11:44	
1,1,1,2-Tetrachloroethane	ND	0.0050	1	11/16/2015 11:44	
1,1,2,2-Tetrachloroethane	ND	0.0050	1	11/16/2015 11:44	
Tetrachloroethene	ND	0.0050	1	11/16/2015 11:44	
Toluene	ND	0.0050	1	11/16/2015 11:44	
1,2,3-Trichlorobenzene	ND	0.0050	1	11/16/2015 11:44	
1,2,4-Trichlorobenzene	ND	0.0050	1	11/16/2015 11:44	
1,1,1-Trichloroethane	ND	0.0050	1	11/16/2015 11:44	
1,1,2-Trichloroethane	ND	0.0050	1	11/16/2015 11:44	
Trichloroethene	ND	0.0050	1	11/16/2015 11:44	
Trichlorofluoromethane	ND	0.0050	1	11/16/2015 11:44	
1,2,3-Trichloropropane	ND	0.0050	1	11/16/2015 11:44	
1,2,4-Trimethylbenzene	ND	0.0050	1	11/16/2015 11:44	
1,3,5-Trimethylbenzene	ND	0.0050	1	11/16/2015 11:44	
Vinyl Chloride	ND	0.0050	1	11/16/2015 11:44	
Xylenes, Total	ND	0.0050	1	11/16/2015 11:44	

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Analytical Report

Client: Basics Environmental
Date Received: 11/13/15 19:17
Date Prepared: 11/16/15
Project: Pleasanton, CA

WorkOrder: 1511651
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: mg/kg

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-1-5.5	1511651-008B	Soil	11/13/2015 10:05	GC10	112987

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	99	70-130		11/16/2015 11:44
Toluene-d8	110	70-130		11/16/2015 11:44
4-BFB	91	70-130		11/16/2015 11:44
Benzene-d6	80	60-140		11/16/2015 11:44
Ethylbenzene-d10	100	60-140		11/16/2015 11:44
1,2-DCB-d4	73	60-140		11/16/2015 11:44

Analyst(s): KF



Analytical Report

Client: Basics Environmental
 Date Received: 11/13/15 19:17
 Date Prepared: 11/17/15
 Project: Pleasanton, CA

WorkOrder: 1511651
 Extraction Method: SW5030B
 Analytical Method: SW8260B
 Unit: µg/L

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-2-W	1511651-012A	Water	11/12/2015 14:20	GC28	113041
Analytes	Result	RL	DF	Date Analyzed	
Acetone	ND	10	1	11/17/2015 13:35	
tert-Amyl methyl ether (TAME)	ND	0.50	1	11/17/2015 13:35	
Benzene	ND	0.50	1	11/17/2015 13:35	
Bromobenzene	ND	0.50	1	11/17/2015 13:35	
Bromochloromethane	ND	0.50	1	11/17/2015 13:35	
Bromodichloromethane	1.3	0.50	1	11/17/2015 13:35	
Bromoform	ND	0.50	1	11/17/2015 13:35	
Bromomethane	ND	0.50	1	11/17/2015 13:35	
2-Butanone (MEK)	ND	2.0	1	11/17/2015 13:35	
t-Butyl alcohol (TBA)	ND	2.0	1	11/17/2015 13:35	
n-Butyl benzene	4.9	0.50	1	11/17/2015 13:35	
sec-Butyl benzene	1.1	0.50	1	11/17/2015 13:35	
tert-Butyl benzene	ND	0.50	1	11/17/2015 13:35	
Carbon Disulfide	ND	0.50	1	11/17/2015 13:35	
Carbon Tetrachloride	ND	0.50	1	11/17/2015 13:35	
Chlorobenzene	ND	0.50	1	11/17/2015 13:35	
Chloroethane	ND	0.50	1	11/17/2015 13:35	
Chloroform	5.8	0.50	1	11/17/2015 13:35	
Chloromethane	ND	0.50	1	11/17/2015 13:35	
2-Chlorotoluene	ND	0.50	1	11/17/2015 13:35	
4-Chlorotoluene	ND	0.50	1	11/17/2015 13:35	
Dibromochloromethane	ND	0.50	1	11/17/2015 13:35	
1,2-Dibromo-3-chloropropane	ND	0.20	1	11/17/2015 13:35	
1,2-Dibromoethane (EDB)	ND	0.50	1	11/17/2015 13:35	
Dibromomethane	ND	0.50	1	11/17/2015 13:35	
1,2-Dichlorobenzene	ND	0.50	1	11/17/2015 13:35	
1,3-Dichlorobenzene	ND	0.50	1	11/17/2015 13:35	
1,4-Dichlorobenzene	ND	0.50	1	11/17/2015 13:35	
Dichlorodifluoromethane	ND	0.50	1	11/17/2015 13:35	
1,1-Dichloroethane	ND	0.50	1	11/17/2015 13:35	
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	11/17/2015 13:35	
1,1-Dichloroethene	ND	0.50	1	11/17/2015 13:35	
cis-1,2-Dichloroethene	ND	0.50	1	11/17/2015 13:35	
trans-1,2-Dichloroethene	ND	0.50	1	11/17/2015 13:35	
1,2-Dichloropropane	ND	0.50	1	11/17/2015 13:35	
1,3-Dichloropropane	ND	0.50	1	11/17/2015 13:35	
2,2-Dichloropropane	ND	0.50	1	11/17/2015 13:35	

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Analytical Report

Client: Basics Environmental
 Date Received: 11/13/15 19:17
 Date Prepared: 11/17/15
 Project: Pleasanton, CA

WorkOrder: 1511651
 Extraction Method: SW5030B
 Analytical Method: SW8260B
 Unit: µg/L

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-2-W	1511651-012A	Water	11/12/2015 14:20	GC28	113041
Analytes	Result	RL	DF	Date Analyzed	
1,1-Dichloropropene	ND	0.50	1	11/17/2015 13:35	
cis-1,3-Dichloropropene	ND	0.50	1	11/17/2015 13:35	
trans-1,3-Dichloropropene	ND	0.50	1	11/17/2015 13:35	
Diisopropyl ether (DIPE)	ND	0.50	1	11/17/2015 13:35	
Ethylbenzene	6.1	0.50	1	11/17/2015 13:35	
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	11/17/2015 13:35	
Freon 113	ND	0.50	1	11/17/2015 13:35	
Hexachlorobutadiene	ND	0.50	1	11/17/2015 13:35	
Hexachloroethane	ND	0.50	1	11/17/2015 13:35	
2-Hexanone	ND	0.50	1	11/17/2015 13:35	
Isopropylbenzene	1.1	0.50	1	11/17/2015 13:35	
4-Isopropyl toluene	ND	0.50	1	11/17/2015 13:35	
Methyl-t-butyl ether (MTBE)	ND	0.50	1	11/17/2015 13:35	
Methylene chloride	ND	0.50	1	11/17/2015 13:35	
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	11/17/2015 13:35	
Naphthalene	5.3	0.50	1	11/17/2015 13:35	
n-Propyl benzene	4.5	0.50	1	11/17/2015 13:35	
Styrene	ND	0.50	1	11/17/2015 13:35	
1,1,1,2-Tetrachloroethane	ND	0.50	1	11/17/2015 13:35	
1,1,2,2-Tetrachloroethane	ND	0.50	1	11/17/2015 13:35	
Tetrachloroethene	ND	0.50	1	11/17/2015 13:35	
Toluene	ND	0.50	1	11/17/2015 13:35	
1,2,3-Trichlorobenzene	ND	0.50	1	11/17/2015 13:35	
1,2,4-Trichlorobenzene	ND	0.50	1	11/17/2015 13:35	
1,1,1-Trichloroethane	ND	0.50	1	11/17/2015 13:35	
1,1,2-Trichloroethane	ND	0.50	1	11/17/2015 13:35	
Trichloroethene	ND	0.50	1	11/17/2015 13:35	
Trichlorofluoromethane	ND	0.50	1	11/17/2015 13:35	
1,2,3-Trichloropropane	ND	0.50	1	11/17/2015 13:35	
1,2,4-Trimethylbenzene	28	0.50	1	11/17/2015 13:35	
1,3,5-Trimethylbenzene	7.2	0.50	1	11/17/2015 13:35	
Vinyl Chloride	ND	0.50	1	11/17/2015 13:35	
Xylenes, Total	19	0.50	1	11/17/2015 13:35	

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Analytical Report

Client: Basics Environmental
Date Received: 11/13/15 19:17
Date Prepared: 11/17/15
Project: Pleasanton, CA

WorkOrder: 1511651
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-2-W	1511651-012A	Water	11/12/2015 14:20	GC28	113041

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	95	70-130		11/17/2015 13:35
Toluene-d8	84	70-130		11/17/2015 13:35
4-BFB	76	70-130		11/17/2015 13:35

Analyst(s): KF



Analytical Report

Client: Basics Environmental
 Date Received: 11/13/15 19:17
 Date Prepared: 11/16/15
 Project: Pleasanton, CA

WorkOrder: 1511651
 Extraction Method: SW5030B
 Analytical Method: SW8021B/8015Bm
 Unit: mg/Kg

Gasoline Range(C6-C12) & Stoddard Solvent Range (C9-C12) Volatile Hydrocarbons W/BTEX & MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-2-2	1511651-001B	Soil	11/13/2015 08:15	GC19	112983

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	11/16/2015 22:59
MTBE	---	0.050	1	11/16/2015 22:59
Benzene	---	0.0050	1	11/16/2015 22:59
Toluene	---	0.0050	1	11/16/2015 22:59
Ethylbenzene	---	0.0050	1	11/16/2015 22:59
TPH(ss)	ND	1.0	1	11/16/2015 22:59
Xylenes	---	0.0050	1	11/16/2015 22:59

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	101	70-130	11/16/2015 22:59

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-1-5.5	1511651-008B	Soil	11/13/2015 10:05	GC7	112983

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	1.0	1	11/16/2015 21:16
MTBE	---	0.050	1	11/16/2015 21:16
Benzene	---	0.0050	1	11/16/2015 21:16
Toluene	---	0.0050	1	11/16/2015 21:16
Ethylbenzene	---	0.0050	1	11/16/2015 21:16
TPH(ss)	ND	1.0	1	11/16/2015 21:16
Xylenes	---	0.0050	1	11/16/2015 21:16

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	91	70-130	11/16/2015 21:16

Analyst(s): IA



Analytical Report

Client: Basics Environmental
 Date Received: 11/13/15 19:17
 Date Prepared: 11/18/15
 Project: Pleasanton, CA

WorkOrder: 1511651
 Extraction Method: SW5030B
 Analytical Method: SW8021B/8015Bm
 Unit: µg/L

Gasoline Range(C6-C12) & Stoddard Solvent Range(C9-C12) Volatile Hydrocarbons W/BTEX & MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-2-W	1511651-012B	Water	11/12/2015 14:20	GC3	113157

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	1400	50	1	11/18/2015 15:06
MTBE	---	5.0	1	11/18/2015 15:06
Benzene	---	0.50	1	11/18/2015 15:06
Toluene	---	0.50	1	11/18/2015 15:06
Ethylbenzene	---	0.50	1	11/18/2015 15:06
TPH(ss)	1400	50	1	11/18/2015 15:06
Xylenes	---	0.50	1	11/18/2015 15:06

Surrogates	REC (%)	Qualifiers	Limits	Date Analyzed
aaa-TFT	134	S	70-130	11/18/2015 15:06

Analyst(s): IA

Analytical Comments: d2,d9,c4



Analytical Report

Client: Basics Environmental
 Date Received: 11/13/15 19:17
 Date Prepared: 11/16/15
 Project: Pleasanton, CA

WorkOrder: 1511651
 Extraction Method: SW3050B
 Analytical Method: SW6020
 Unit: mg/Kg

LUFT 5 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-2-2	1511651-001B	Soil	11/13/2015 08:15	ICP-MS1	112978

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Cadmium	0.36	0.25	1	11/16/2015 21:23
Chromium	130	0.50	1	11/16/2015 21:23
Lead	61	0.50	1	11/16/2015 21:23
Nickel	80	0.50	1	11/16/2015 21:23
Zinc	110	5.0	1	11/16/2015 21:23

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	<u>Date Analyzed</u>
Terbium	106	70-130	11/16/2015 21:23

Analyst(s): DVH

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-1-5.5	1511651-008B	Soil	11/13/2015 10:05	ICP-MS1	112978

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Cadmium	ND	0.25	1	11/16/2015 21:29
Chromium	260	0.50	1	11/16/2015 21:29
Lead	10	0.50	1	11/16/2015 21:29
Nickel	240	0.50	1	11/16/2015 21:29
Zinc	60	5.0	1	11/16/2015 21:29

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	<u>Date Analyzed</u>
Terbium	106	70-130	11/16/2015 21:29

Analyst(s): DVH



Analytical Report

Client: Basics Environmental
 Date Received: 11/13/15 19:17
 Date Prepared: 11/16/15
 Project: Pleasanton, CA

WorkOrder: 1511651
 Extraction Method: E200.8
 Analytical Method: E200.8
 Unit: µg/L

Dissolved LUFT 5 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-2-W	1511651-012C	Water	11/12/2015 14:20	ICP-MS2	112971
Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Cadmium	ND	F	0.25	1	11/16/2015 21:48
Chromium	ND	F	0.50	1	11/16/2015 21:48
Lead	ND	F	0.50	1	11/16/2015 21:48
Nickel	4.8	F	0.50	1	11/16/2015 21:48
Zinc	ND	F	15	1	11/16/2015 21:48

Analyst(s): BBO



Analytical Report

Client: Basics Environmental
 Date Received: 11/13/15 19:17
 Date Prepared: 11/16/15
 Project: Pleasanton, CA

WorkOrder: 1511651
 Extraction Method: SW3550B
 Analytical Method: SW8015B
 Unit: mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-2-2	1511651-001B	Soil	11/13/2015 08:15	GC2A	112979

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	16	10	10	11/17/2015 05:47

Surrogates	REC (%)	Limits	Date Analyzed
C9	98	70-130	11/17/2015 05:47

Analyst(s): TK Analytical Comments: e7,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-1-5.5	1511651-008B	Soil	11/13/2015 10:05	GC2A	112979

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	11/17/2015 17:05

Surrogates	REC (%)	Limits	Date Analyzed
C9	99	70-130	11/17/2015 17:05

Analyst(s): TK



Analytical Report

Client: Basics Environmental
Date Received: 11/13/15 19:17
Date Prepared: 11/16/15
Project: Pleasanton, CA

WorkOrder: 1511651
Extraction Method: SW3510C
Analytical Method: SW8015B
Unit: µg/L

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-2-W	1511651-012B	Water	11/12/2015 14:20	GC9b	112980

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	1000	100	1	11/16/2015 17:03

Surrogates	REC (%)	Limits	Date Analyzed
C9	100	70-130	11/16/2015 17:03

Analyst(s): TK

Analytical Comments: e4



Quality Control Report

Client: Basics Environmental
 Date Prepared: 11/16/15
 Date Analyzed: 11/16/15
 Instrument: GC16, GC18
 Matrix: Soil
 Project: Pleasanton, CA

WorkOrder: 1511651
 BatchID: 112956
 Extraction Method: SW5030B
 Analytical Method: SW8260B
 Unit: mg/Kg
 Sample ID: MB/LCS-112956
 1511658-017AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	-	0.10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0412	0.0050	0.050	-	82	53-116
Benzene	ND	0.0455	0.0050	0.050	-	91	63-137
Bromobenzene	ND	-	0.0050	-	-	-	-
Bromochloromethane	ND	-	0.0050	-	-	-	-
Bromodichloromethane	ND	-	0.0050	-	-	-	-
Bromoform	ND	-	0.0050	-	-	-	-
Bromomethane	ND	-	0.0050	-	-	-	-
2-Butanone (MEK)	ND	-	0.020	-	-	-	-
t-Butyl alcohol (TBA)	ND	0.171	0.050	0.20	-	86	41-135
n-Butyl benzene	ND	-	0.0050	-	-	-	-
sec-Butyl benzene	ND	-	0.0050	-	-	-	-
tert-Butyl benzene	ND	-	0.0050	-	-	-	-
Carbon Disulfide	ND	-	0.0050	-	-	-	-
Carbon Tetrachloride	ND	-	0.0050	-	-	-	-
Chlorobenzene	ND	0.0471	0.0050	0.050	-	94	77-121
Chloroethane	ND	-	0.0050	-	-	-	-
Chloroform	ND	-	0.0050	-	-	-	-
Chloromethane	ND	-	0.0050	-	-	-	-
2-Chlorotoluene	ND	-	0.0050	-	-	-	-
4-Chlorotoluene	ND	-	0.0050	-	-	-	-
Dibromochloromethane	ND	-	0.0050	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.0040	-	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0441	0.0040	0.050	-	88	67-119
Dibromomethane	ND	-	0.0050	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.0050	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.0050	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.0050	-	-	-	-
Dichlorodifluoromethane	ND	-	0.0050	-	-	-	-
1,1-Dichloroethane	ND	-	0.0050	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0436	0.0040	0.050	-	87	58-135
1,1-Dichloroethene	ND	0.0453	0.0050	0.050	-	91	42-145
cis-1,2-Dichloroethene	ND	-	0.0050	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.0050	-	-	-	-
1,2-Dichloropropane	ND	-	0.0050	-	-	-	-
1,3-Dichloropropane	ND	-	0.0050	-	-	-	-
2,2-Dichloropropane	ND	-	0.0050	-	-	-	-

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Quality Control Report

Client: Basics Environmental
 Date Prepared: 11/16/15
 Date Analyzed: 11/16/15
 Instrument: GC16, GC18
 Matrix: Soil
 Project: Pleasanton, CA

WorkOrder: 1511651
 BatchID: 112956
 Extraction Method: SW5030B
 Analytical Method: SW8260B
 Unit: mg/Kg
 Sample ID: MB/LCS-112956
 1511658-017AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	-	0.0050	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.0050	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.0050	-	-	-	-
Diisopropyl ether (DIPE)	ND	0.0400	0.0050	0.050	-	80	52-129
Ethylbenzene	ND	-	0.0050	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0406	0.0050	0.050	-	81	53-125
Freon 113	ND	-	0.0050	-	-	-	-
Hexachlorobutadiene	ND	-	0.0050	-	-	-	-
Hexachloroethane	ND	-	0.0050	-	-	-	-
2-Hexanone	ND	-	0.0050	-	-	-	-
Isopropylbenzene	ND	-	0.0050	-	-	-	-
4-Isopropyl toluene	ND	-	0.0050	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0436	0.0050	0.050	-	87	58-122
Methylene chloride	ND	-	0.0050	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.0050	-	-	-	-
Naphthalene	ND	-	0.0050	-	-	-	-
n-Propyl benzene	ND	-	0.0050	-	-	-	-
Styrene	ND	-	0.0050	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.0050	-	-	-	-
1,1,2,2-Tetrachloroethane	ND	-	0.0050	-	-	-	-
Tetrachloroethene	ND	-	0.0050	-	-	-	-
Toluene	ND	0.0442	0.0050	0.050	-	88	76-130
1,2,3-Trichlorobenzene	ND	-	0.0050	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.0050	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.0050	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.0050	-	-	-	-
Trichloroethene	ND	0.0490	0.0050	0.050	-	98	72-132
Trichlorofluoromethane	ND	-	0.0050	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.0050	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.0050	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.0050	-	-	-	-
Vinyl Chloride	ND	-	0.0050	-	-	-	-
Xylenes, Total	ND	-	0.0050	-	-	-	-

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Quality Control Report

Client: Basics Environmental
 Date Prepared: 11/16/15
 Date Analyzed: 11/16/15
 Instrument: GC16, GC18
 Matrix: Soil
 Project: Pleasanton, CA

WorkOrder: 1511651
 BatchID: 112956
 Extraction Method: SW5030B
 Analytical Method: SW8260B
 Unit: mg/Kg
 Sample ID: MB/LCS-112956
 1511658-017AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	0.115	0.123		0.12	92	99	70-130
Toluene-d8	0.120	0.131		0.12	96	105	70-130
4-BFB	0.0107	0.0125		0.012	85	100	70-130
Benzene-d6	0.0861	0.101		0.10	86	101	60-140
Ethylbenzene-d10	0.0944	0.108		0.10	94	108	60-140
1,2-DCB-d4	0.0687	0.0948		0.10	69	95	60-140

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	0.0378	0.0383	0.050	ND	76	77	70-130	1.19	20
Benzene	0.0391	0.0392	0.050	ND	78	78	70-130	0	20
t-Butyl alcohol (TBA)	0.170	0.171	0.20	ND	85	85	70-130	0	20
Chlorobenzene	0.0400	0.0406	0.050	ND	80	81	70-130	1.46	20
1,2-Dibromoethane (EDB)	0.0375	0.0376	0.050	ND	75	75	70-130	0	20
1,2-Dichloroethane (1,2-DCA)	0.0396	0.0403	0.050	ND	79	81	70-130	1.59	20
1,1-Dichloroethene	0.0392	0.0395	0.050	ND	78	79	70-130	0.918	20
Diisopropyl ether (DIPE)	0.0400	0.0400	0.050	ND	80	80	70-130	0	20
Ethyl tert-butyl ether (ETBE)	0.0391	0.0392	0.050	ND	78	78	70-130	0	20
Methyl-t-butyl ether (MTBE)	0.0384	0.0388	0.050	ND	77	78	70-130	1.04	20
Toluene	0.0426	0.0428	0.050	ND	85	86	70-130	0.334	20
Trichloroethene	0.0391	0.0401	0.050	ND	78	80	70-130	2.52	20
Surrogate Recovery									
Dibromofluoromethane	0.125	0.126	0.12		100	101	70-130	0.764	20
Toluene-d8	0.132	0.132	0.12		106	105	70-130	0.382	20
4-BFB	0.0106	0.0109	0.012		85	87	70-130	2.55	20
Benzene-d6	0.0770	0.0772	0.10		77	77	60-140	0	20
Ethylbenzene-d10	0.0906	0.0914	0.10		91	91	60-140	0	20
1,2-DCB-d4	0.0685	0.0687	0.10		69	69	60-140	0	20

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Quality Control Report

Client: Basics Environmental
 Date Prepared: 11/16/15
 Date Analyzed: 11/16/15
 Instrument: GC10
 Matrix: Soil
 Project: Pleasanton, CA

WorkOrder: 1511651
 BatchID: 112987
 Extraction Method: SW5030B
 Analytical Method: SW8260B
 Unit: mg/Kg
 Sample ID: MB/LCS-112987
 1511651-008BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	-	0.10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0417	0.0050	0.050	-	83	53-116
Benzene	ND	0.0426	0.0050	0.050	-	85	63-137
Bromobenzene	ND	-	0.0050	-	-	-	-
Bromochloromethane	ND	-	0.0050	-	-	-	-
Bromodichloromethane	ND	-	0.0050	-	-	-	-
Bromoform	ND	-	0.0050	-	-	-	-
Bromomethane	ND	-	0.0050	-	-	-	-
2-Butanone (MEK)	ND	-	0.020	-	-	-	-
t-Butyl alcohol (TBA)	ND	0.193	0.050	0.20	-	96	41-135
n-Butyl benzene	ND	-	0.0050	-	-	-	-
sec-Butyl benzene	ND	-	0.0050	-	-	-	-
tert-Butyl benzene	ND	-	0.0050	-	-	-	-
Carbon Disulfide	ND	-	0.0050	-	-	-	-
Carbon Tetrachloride	ND	-	0.0050	-	-	-	-
Chlorobenzene	ND	0.0451	0.0050	0.050	-	90	77-121
Chloroethane	ND	-	0.0050	-	-	-	-
Chloroform	ND	-	0.0050	-	-	-	-
Chloromethane	ND	-	0.0050	-	-	-	-
2-Chlorotoluene	ND	-	0.0050	-	-	-	-
4-Chlorotoluene	ND	-	0.0050	-	-	-	-
Dibromochloromethane	ND	-	0.0050	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.0040	-	-	-	-
1,2-Dibromoethane (EDB)	ND	0.0422	0.0040	0.050	-	84	67-119
Dibromomethane	ND	-	0.0050	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.0050	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.0050	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.0050	-	-	-	-
Dichlorodifluoromethane	ND	-	0.0050	-	-	-	-
1,1-Dichloroethane	ND	-	0.0050	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.0434	0.0040	0.050	-	87	58-135
1,1-Dichloroethene	ND	0.0430	0.0050	0.050	-	86	42-145
cis-1,2-Dichloroethene	ND	-	0.0050	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.0050	-	-	-	-
1,2-Dichloropropane	ND	-	0.0050	-	-	-	-
1,3-Dichloropropane	ND	-	0.0050	-	-	-	-
2,2-Dichloropropane	ND	-	0.0050	-	-	-	-

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Quality Control Report

Client: Basics Environmental
 Date Prepared: 11/16/15
 Date Analyzed: 11/16/15
 Instrument: GC10
 Matrix: Soil
 Project: Pleasanton, CA

WorkOrder: 1511651
 BatchID: 112987
 Extraction Method: SW5030B
 Analytical Method: SW8260B
 Unit: mg/Kg
 Sample ID: MB/LCS-112987
 1511651-008BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	-	0.0050	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.0050	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.0050	-	-	-	-
Diisopropyl ether (DIPE)	ND	0.0440	0.0050	0.050	-	88	52-129
Ethylbenzene	ND	-	0.0050	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0432	0.0050	0.050	-	86	53-125
Freon 113	ND	-	0.0050	-	-	-	-
Hexachlorobutadiene	ND	-	0.0050	-	-	-	-
Hexachloroethane	ND	-	0.0050	-	-	-	-
2-Hexanone	ND	-	0.0050	-	-	-	-
Isopropylbenzene	ND	-	0.0050	-	-	-	-
4-Isopropyl toluene	ND	-	0.0050	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0424	0.0050	0.050	-	85	58-122
Methylene chloride	ND	-	0.0050	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.0050	-	-	-	-
Naphthalene	ND	-	0.0050	-	-	-	-
n-Propyl benzene	ND	-	0.0050	-	-	-	-
Styrene	ND	-	0.0050	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.0050	-	-	-	-
1,1,2,2-Tetrachloroethane	ND	-	0.0050	-	-	-	-
Tetrachloroethene	ND	-	0.0050	-	-	-	-
Toluene	ND	0.0484	0.0050	0.050	-	97	76-130
1,2,3-Trichlorobenzene	ND	-	0.0050	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.0050	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.0050	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.0050	-	-	-	-
Trichloroethene	ND	0.0433	0.0050	0.050	-	87	72-132
Trichlorofluoromethane	ND	-	0.0050	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.0050	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.0050	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.0050	-	-	-	-
Vinyl Chloride	ND	-	0.0050	-	-	-	-
Xylenes, Total	ND	-	0.0050	-	-	-	-

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Quality Control Report

Client: Basics Environmental
 Date Prepared: 11/16/15
 Date Analyzed: 11/16/15
 Instrument: GC10
 Matrix: Soil
 Project: Pleasanton, CA

WorkOrder: 1511651
 BatchID: 112987
 Extraction Method: SW5030B
 Analytical Method: SW8260B
 Unit: mg/Kg
 Sample ID: MB/LCS-112987
 1511651-008BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	0.122	0.123		0.12	97	98	70-130
Toluene-d8	0.136	0.136		0.12	109	109	70-130
4-BFB	0.0100	0.0110		0.012	80	88	70-130
Benzene-d6	0.0793	0.0859		0.10	79	86	60-140
Ethylbenzene-d10	0.0979	0.109		0.10	98	109	60-140
1,2-DCB-d4	0.0757	0.0751		0.10	76	75	60-140

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	0.0339	0.0344	0.050	ND	68,F1	69,F1	70-130	1.57	20
Benzene	0.0338	0.0345	0.050	ND	68,F1	69,F1	70-130	2.10	20
t-Butyl alcohol (TBA)	0.150	0.151	0.20	ND	75	76	70-130	0.673	20
Chlorobenzene	0.0351	0.0361	0.050	ND	70	72	70-130	2.81	20
1,2-Dibromoethane (EDB)	0.0324	0.0334	0.050	ND	65,F1	67,F1	70-130	3.27	20
1,2-Dichloroethane (1,2-DCA)	0.0348	0.0355	0.050	ND	70	71	70-130	2.18	20
1,1-Dichloroethene	0.0339	0.0344	0.050	ND	68,F1	69,F1	70-130	1.68	20
Diisopropyl ether (DIPE)	0.0354	0.0361	0.050	ND	71	72	70-130	2.07	20
Ethyl tert-butyl ether (ETBE)	0.0346	0.0352	0.050	ND	69,F1	70	70-130	1.71	20
Methyl-t-butyl ether (MTBE)	0.0339	0.0342	0.050	ND	68,F1	69,F1	70-130	1.03	20
Toluene	0.0370	0.0379	0.050	ND	74	76	70-130	2.28	20
Trichloroethene	0.0342	0.0348	0.050	ND	68,F1	70	70-130	1.85	20
Surrogate Recovery									
Dibromofluoromethane	0.126	0.125	0.12		100	100	70-130	0	20
Toluene-d8	0.130	0.131	0.12		104	105	70-130	0.674	20
4-BFB	0.0105	0.0108	0.012		84	87	70-130	2.78	20
Benzene-d6	0.0691	0.0701	0.10		69	70	60-140	1.42	20
Ethylbenzene-d10	0.0793	0.0825	0.10		79	82	60-140	3.90	20
1,2-DCB-d4	0.0627	0.0607	0.10		63	61	60-140	3.21	20



Quality Control Report

Client: Basics Environmental
 Date Prepared: 11/17/15
 Date Analyzed: 11/17/15
 Instrument: GC28
 Matrix: Water
 Project: Pleasanton, CA

WorkOrder: 1511651
 BatchID: 113041
 Extraction Method: SW5030B
 Analytical Method: SW8260B
 Unit: µg/L
 Sample ID: MB/LCS-113041
 1511658-007BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	-	10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	8.23	0.50	10	-	82	54-140
Benzene	ND	9.20	0.50	10	-	92	47-158
Bromobenzene	ND	-	0.50	-	-	-	-
Bromochloromethane	ND	-	0.50	-	-	-	-
Bromodichloromethane	ND	-	0.50	-	-	-	-
Bromoform	ND	-	0.50	-	-	-	-
Bromomethane	ND	-	0.50	-	-	-	-
2-Butanone (MEK)	ND	-	2.0	-	-	-	-
t-Butyl alcohol (TBA)	ND	29.0	2.0	40	-	73	42-140
n-Butyl benzene	ND	-	0.50	-	-	-	-
sec-Butyl benzene	ND	-	0.50	-	-	-	-
tert-Butyl benzene	ND	-	0.50	-	-	-	-
Carbon Disulfide	ND	-	0.50	-	-	-	-
Carbon Tetrachloride	ND	-	0.50	-	-	-	-
Chlorobenzene	ND	9.56	0.50	10	-	96	43-157
Chloroethane	ND	-	0.50	-	-	-	-
Chloroform	ND	-	0.50	-	-	-	-
Chloromethane	ND	-	0.50	-	-	-	-
2-Chlorotoluene	ND	-	0.50	-	-	-	-
4-Chlorotoluene	ND	-	0.50	-	-	-	-
Dibromochloromethane	ND	-	0.50	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.20	-	-	-	-
1,2-Dibromoethane (EDB)	ND	9.31	0.50	10	-	93	44-155
Dibromomethane	ND	-	0.50	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.50	-	-	-	-
Dichlorodifluoromethane	ND	-	0.50	-	-	-	-
1,1-Dichloroethane	ND	-	0.50	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	8.14	0.50	10	-	81	66-125
1,1-Dichloroethene	ND	9.77	0.50	10	-	98	47-149
cis-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
1,2-Dichloropropane	ND	-	0.50	-	-	-	-
1,3-Dichloropropane	ND	-	0.50	-	-	-	-
2,2-Dichloropropane	ND	-	0.50	-	-	-	-

(Cont.)



Quality Control Report

Client: Basics Environmental
Date Prepared: 11/17/15
Date Analyzed: 11/17/15
Instrument: GC28
Matrix: Water
Project: Pleasanton, CA

WorkOrder: 1511651
BatchID: 113041
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS-113041
1511658-007BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	-	0.50	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.50	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.50	-	-	-	-
Diisopropyl ether (DIPE)	ND	8.78	0.50	10	-	88	57-136
Ethylbenzene	ND	-	0.50	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	8.29	0.50	10	-	83	55-137
Freon 113	ND	-	0.50	-	-	-	-
Hexachlorobutadiene	ND	-	0.50	-	-	-	-
Hexachloroethane	ND	-	0.50	-	-	-	-
2-Hexanone	ND	-	0.50	-	-	-	-
Isopropylbenzene	ND	-	0.50	-	-	-	-
4-Isopropyl toluene	ND	-	0.50	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	8.16	0.50	10	-	82	53-139
Methylene chloride	ND	-	0.50	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.50	-	-	-	-
Naphthalene	ND	-	0.50	-	-	-	-
n-Propyl benzene	ND	-	0.50	-	-	-	-
Styrene	ND	-	0.50	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
Tetrachloroethene	ND	-	0.50	-	-	-	-
Toluene	ND	8.56	0.50	10	-	86	52-137
1,2,3-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.50	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.50	-	-	-	-
Trichloroethene	ND	10.5	0.50	10	-	105	43-157
Trichlorofluoromethane	ND	-	0.50	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.50	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.50	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.50	-	-	-	-
Vinyl Chloride	ND	-	0.50	-	-	-	-
Xylenes, Total	ND	-	0.50	-	-	-	-

(Cont.)



Quality Control Report

Client: Basics Environmental
 Date Prepared: 11/17/15
 Date Analyzed: 11/17/15
 Instrument: GC28
 Matrix: Water
 Project: Pleasanton, CA

WorkOrder: 1511651
 BatchID: 113041
 Extraction Method: SW5030B
 Analytical Method: SW8260B
 Unit: µg/L
 Sample ID: MB/LCS-113041
 1511658-007BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	23.6	23.6		25	94	95	70-130
Toluene-d8	21.7	21.7		25	87	87	70-130
4-BFB	2.02	2.00		2.5	81	80	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	7.81	8.53	10	ND	78	85	69-139	8.83	20
Benzene	8.36	8.97	10	ND	84	90	69-141	7.03	20
t-Butyl alcohol (TBA)	29.8	31.3	40	ND	75	78	41-152	4.93	20
Chlorobenzene	8.99	9.68	10	ND	90	97	77-120	7.42	20
1,2-Dibromoethane (EDB)	9.30	9.85	10	ND	93	99	76-135	5.78	20
1,2-Dichloroethane (1,2-DCA)	7.83	8.37	10	ND	78	84	73-139	6.65	20
1,1-Dichloroethene	9.06	9.46	10	ND	91	95	59-140	4.33	20
Diisopropyl ether (DIPE)	8.25	8.91	10	ND	82	89	72-140	7.71	20
Ethyl tert-butyl ether (ETBE)	7.88	8.54	10	ND	79	85	71-140	8.09	20
Methyl-t-butyl ether (MTBE)	7.86	8.47	10	ND	79	85	73-139	7.48	20
Toluene	7.82	8.37	10	ND	78	84	71-128	6.76	20
Trichloroethene	9.59	10.2	10	ND	96	102	64-132	6.67	20
Surrogate Recovery									
Dibromofluoromethane	23.6	23.7	25		94	95	70-130	0.247	20
Toluene-d8	21.7	21.6	25		87	86	70-130	0.488	20
4-BFB	2.01	1.98	2.5		80	79	70-130	1.64	20



Quality Control Report

Client: Basics Environmental
Date Prepared: 11/16/15
Date Analyzed: 11/16/15 - 11/17/15
Instrument: GC2A, GC9b
Matrix: Water
Project: Pleasanton, CA

WorkOrder: 1511651
BatchID: 112980
Extraction Method: SW3510C
Analytical Method: SW8015B
Unit: µg/L
Sample ID: MB/LCS-112980

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	1020	50	1000	-	102	61-157
TPH-Motor Oil (C18-C36)	ND	-	250	-	-	-	-
Surrogate Recovery							
C9	602	610		625	96	98	65-122

(Cont.)



Quality Control Report

Client: Basics Environmental
 Date Prepared: 11/16/15
 Date Analyzed: 11/16/15
 Instrument: GC19
 Matrix: Soil
 Project: Pleasanton, CA

WorkOrder: 1511651
 BatchID: 112983
 Extraction Method: SW5030B
 Analytical Method: SW8021B/8015Bm
 Unit: mg/Kg
 Sample ID: MB/LCS-112983
 1511651-001BMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	0.599	0.40	0.60	-	100	70-130
MTBE	ND	0.0930	0.050	0.10	-	93	70-130
Benzene	ND	0.104	0.0050	0.10	-	104	70-130
Toluene	ND	0.105	0.0050	0.10	-	105	70-130
Ethylbenzene	ND	0.108	0.0050	0.10	-	108	70-130
Xylenes	ND	0.344	0.0050	0.30	-	115	70-130

Surrogate Recovery

2-Fluorotoluene	0.121	0.124		0.10	121	124	70-130
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Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	0.432	0.475	0.60	ND	72	79	70-130	9.47	20
MTBE	0.0751	0.0768	0.10	ND	75	77	70-130	2.24	20
Benzene	0.0691	0.0763	0.10	ND	69,F1	76	70-130	9.89	20
Toluene	0.0690	0.0724	0.10	ND	69,F1	72	70-130	4.75	20
Ethylbenzene	0.0759	0.0784	0.10	ND	76	78	70-130	3.19	20
Xylenes	0.239	0.247	0.30	ND	80	82	70-130	3.48	20

Surrogate Recovery

2-Fluorotoluene	0.0896	0.0908	0.10		90	91	70-130	1.38	20
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Quality Control Report

Client: Basics Environmental
 Date Prepared: 11/18/15
 Date Analyzed: 11/18/15
 Instrument: GC3
 Matrix: Water
 Project: Pleasanton, CA

WorkOrder: 1511651
 BatchID: 113157
 Extraction Method: SW5030B
 Analytical Method: SW8021B/8015Bm
 Unit: µg/L
 Sample ID: MB/LCS-113157
 1511782-001HMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	57.6	40	60	-	96	70-130
MTBE	ND	9.87	5.0	10	-	99	70-130
Benzene	ND	9.73	0.50	10	-	97	70-130
Toluene	ND	9.96	0.50	10	-	100	70-130
Ethylbenzene	ND	10.2	0.50	10	-	102	70-130
Xylenes	ND	31.0	1.5	30	-	103	70-130

Surrogate Recovery

aaa-TFT	8.15	8.76		10	81	88	70-130
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Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	59.0	58.8	60	ND	98	98	70-130	0	20
MTBE	9.29	9.47	10	ND	93	95	70-130	1.83	20
Benzene	9.84	10.1	10	ND	98	101	70-130	2.17	20
Toluene	10.0	10.2	10	ND	98	100	70-130	1.79	20
Ethylbenzene	10.2	10.4	10	ND	102	104	70-130	2.24	20
Xylenes	30.8	31.5	30	ND	102	104	70-130	2.36	20

Surrogate Recovery

aaa-TFT	9.06	8.96	10		91	90	70-130	1.11	20
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Quality Control Report

Client: Basics Environmental
 Date Prepared: 11/16/15
 Date Analyzed: 11/16/15 - 11/17/15
 Instrument: ICP-MS1, ICP-MS2
 Matrix: Soil
 Project: Pleasanton, CA

WorkOrder: 1511651
 BatchID: 112978
 Extraction Method: SW3050B
 Analytical Method: SW6020
 Unit: mg/Kg
 Sample ID: MB/LCS-112978
 1511660-010AMS/MSD

QC Summary Report for Metals

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Cadmium	ND	55.8	0.25	50	-	112	75-125
Chromium	ND	52.1	0.50	50	-	104	75-125
Lead	ND	56.4	0.50	50	-	113	75-125
Nickel	ND	53.1	0.50	50	-	106	75-125
Zinc	ND	554	5.0	500	-	111	75-125

Surrogate Recovery

Terbium	512	609		500	102	122	70-130
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Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Cadmium	49.3	49.1	50	0.27	98	98	75-125	0	20
Chromium	117	116	50	70	95	92	75-125	1.12	20
Lead	59.7	59.2	50	10.56	98	97	75-125	0.925	20
Nickel	136	136	50	92	89	88	75-125	0.515	20
Zinc	547	551	500	66	96	97	75-125	0.711	20

Surrogate Recovery

Terbium	542	532	500		108	106	70-130	1.99	20
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Quality Control Report

Client: Basics Environmental
Date Prepared: 11/16/15
Date Analyzed: 11/16/15
Instrument: ICP-MS2
Matrix: Water
Project: Pleasanton, CA

WorkOrder: 1511651
BatchID: 112971
Extraction Method: E200.8
Analytical Method: E200.8
Unit: µg/L
Sample ID: MB/LCS-112971
1511658-012CMS/MSD

QC Summary Report for Dissolved Metals

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Cadmium	ND	48.4	0.25	50	-	97	85-115
Chromium	ND	50.0	0.50	50	-	100	85-115
Lead	ND	49.1	0.50	50	-	98	85-115
Nickel	ND	50.6	0.50	50	-	101	85-115
Zinc	ND	507	15	500	-	101	85-115

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Cadmium	51.1	50.1	50	ND	102	100	70-130	2.02	20
Chromium	50.8	48.8	50	1.297	99	95	70-130	4.10	20
Lead	54.0	53.4	50	1.068	106	105	70-130	1.12	20
Nickel	54.2	52.8	50	4.884	99	96	70-130	2.54	20
Zinc	508	492	500	ND	102	98	70-130	3.08	20



Quality Control Report

Client: Basics Environmental
Date Prepared: 11/16/15
Date Analyzed: 11/16/15
Instrument: GC6A, GC9a
Matrix: Soil
Project: Pleasanton, CA

WorkOrder: 1511651
BatchID: 112979
Extraction Method: SW3550B
Analytical Method: SW8015B
Unit: mg/Kg
Sample ID: MB/LCS-112979
1511662-006AMS/MSD

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	45.4	1.0	40	-	113	70-130
TPH-Motor Oil (C18-C36)	ND	-	5.0	-	-	-	-
Surrogate Recovery							
C9	26.4	26.4		25	106	106	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	NR	NR		83	NR	NR	-	NR	
Surrogate Recovery									
C9	NR	NR			NR	NR	-	NR	



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

McC Campbell Analytical, Inc.

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1511651

ClientCode: BE0

WaterTrax

WriteOn

EDF

Excel

EQUIS

Email

HardCopy

ThirdParty

J-flag

Report to:

Donavan Tom
Basics Environmental
655 12th Street, Suite 126
Oakland, CA 94607
(510) 834-9099 FAX: (510) 834-9098

Email:

basicsenvironmental@gmail.com
cc/3rd Party: litafreeman@gmail.com;
PO:
ProjectNo: Pleasanton, CA

Bill to:

Accounts Payable
Basics Environmental
655 12th Street, Suite 126
Oakland, CA 94607

Requested TAT:

5 days;

Date Received: 11/13/2015

Date Printed: 11/16/2015

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12

1511651-001	SB-2-2	Soil	11/13/2015 8:15	<input type="checkbox"/>	B		B		B										
1511651-008	SB-1-5.5	Soil	11/13/2015 10:05	<input type="checkbox"/>	B		B		B				B						
1511651-012	SB-2-W	Water	11/12/2015 14:20	<input type="checkbox"/>	A		B		B		C		C						

Test Legend:

1	8260B_S	2	8260B_W	3	G-MBTX_S	4	G-MBTX_W
5	LUFTMS_6020_S	6	LUFTMS_DISS	7	PRDISSOLVED	8	TPH(D)_S
9	TPH(D)_W	10		11		12	

The following SampleIDs: 001B, 008B, 012B contain testgroup.

Prepared by: Maria Venegas

Comments:

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



WORK ORDER SUMMARY

Client Name: **BASICS ENVIRONMENTAL** QC Level: **LEVEL 2** Work Order: **1511651**
 Project: **Pleasanton, CA** Client Contact: **Donavan Tom** Date Received: **11/13/2015**
 Comments: Contact's Email: basicsenvironmental@gmail.com

WaterTrax WriteOn EDF Excel Fax Email HardCopy ThirdParty J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold SubOut
1511651-001B	SB-2-2	Soil	SW6020 (LUFT) Multi-Range TPH(g,d,mo) SW8260B (VOCs)	1	Acetate Liner	<input type="checkbox"/>	11/13/2015 8:15	5 days	<input type="checkbox"/>	<input type="checkbox"/>
1511651-002A	SB-2-5.5	Soil		1	Acetate Liner	<input type="checkbox"/>	11/13/2015 8:25	5 days	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1511651-003A	SB-2-10	Soil		1	Acetate Liner	<input type="checkbox"/>	11/13/2015 8:35	5 days	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1511651-004A	SB-2-15	Soil		1	Acetate Liner	<input type="checkbox"/>	11/13/2015 8:40	5 days	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1511651-005A	SB-2-20	Soil		1	Acetate Liner	<input type="checkbox"/>	11/13/2015 8:45	5 days	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1511651-006A	SB-2-30	Soil		1	Acetate Liner	<input type="checkbox"/>	11/13/2015 9:05	5 days	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1511651-007A	SB-1-2	Soil		1	Acetate Liner	<input type="checkbox"/>	11/13/2015 10:00	5 days	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1511651-008B	SB-1-5.5	Soil	SW6020 (LUFT) Multi-Range TPH(g,d,mo) SW8260B (VOCs)	1	Acetate Liner	<input type="checkbox"/>	11/13/2015 10:05	5 days	<input type="checkbox"/>	<input type="checkbox"/>
1511651-009A	SB-1-10	Soil		1	Acetate Liner	<input type="checkbox"/>	11/13/2015 10:10	5 days	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1511651-010A	SB-1-15	Soil		1	Acetate Liner	<input type="checkbox"/>	11/13/2015 10:15	5 days	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1511651-011A	SB-1-20	Soil		1	Acetate Liner	<input type="checkbox"/>	11/13/2015 10:40	5 days	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1511651-012A	SB-2-W	Water	SW8260B (VOCs)	2	VOA w/HCl	<input type="checkbox"/>	11/12/2015 14:20	5 days	Present	<input type="checkbox"/>

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).
 - MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.



McC Campbell Analytical, Inc.
"When Quality Counts"

1334 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
<http://www.mcccampbell.com> / E-mail: main@mcccampbell.com

WORK ORDER SUMMARY

Client Name: BASICS ENVIRONMENTAL QC Level: LEVEL 2 Work Order: 1511651
Project: Pleasanton, CA Client Contact: Donavan Tom Date Received: 11/13/2015
Comments: Contact's Email: basicsenvironmental@gmail.com

		<input type="checkbox"/> WaterTrax		<input type="checkbox"/> WriteOn		<input type="checkbox"/> EDF		<input type="checkbox"/> Excel		<input type="checkbox"/> Fax		<input checked="" type="checkbox"/> Email		<input type="checkbox"/> HardCopy		<input type="checkbox"/> ThirdParty		<input type="checkbox"/> J-flag	
Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative (multi-range)	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut								
1511651-012B	SB-2-W	Water	Multi-Range TPH(g,d,mo)	4	2 VOAs w/HCL + 2-a VOAs (multi-range)	<input type="checkbox"/>	11/12/2015 14:20	5 days	Present	<input type="checkbox"/>									
1511651-012C	SB-2-W	Water	E200.8 (LUFT) (Dissolved-Lab Filtered)	1	250mL HDPE, unprsv.	<input type="checkbox"/>	11/12/2015 14:20	5 days	Present	<input type="checkbox"/>									

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).
- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.



CalScience Environmental Laboratories, Inc.

1511651

CHAIN OF CUSTODY RECORD

SoCal Laboratory
7440 Lincoln Way
Garden Grove, CA 92841-1427
(714) 895-5494

NorCal Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

WO # / LAB USE ONLY

Date: 11-13-15
 Page 1 of 2

CLIENT PROJECT NAME / NUMBER:

P.O. NO.:

Basics Environmental

PROJECT CONTACT:

SAMPLER(S): (PRINT)

Pisasanton, CA

Lita Frezeman

Donaven Tom/Lita Frezeman

Lita Frezeman

REQUESTED ANALYSES

LABORATORY CLIENT: Basics Environmental

ADDRESS: 655 12th Street Ste 126

CITY: Oakland STATE: CA ZIP: 94607

TEL: 510 834 9099 E-MAIL: BasicsEnvironmental@gmail.com

TURNAROUND TIME: 24 HR 48 HR 72 HR STANDARD Stay

SAME DAY GLOBAL ID COELT EDF LOG CODE

SPECIAL INSTRUCTIONS:
 Email report to: BasicsEnvironmental@gmail.com
 lita.frezeman@gmail.com

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) or GRO	TPH (d) or DRO or (C6C36) or (C6-C44)	TPH (Standard Solvent)	BTEX / MTBE (8260) or ()	VOCs (8260)	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010B/747X)	Cr(VI) [7196 or 7199 or 218.6]	LUFT5 METALS.	HOLD.		
		DATE	TIME																						
	SB-2-2	11-13-15	0815	S	1				X	X	X														
	SB-2-5.5	11-13-15	0825	S	1				X	X	X														
	SB-2-10	11-13-15	0835	S	1																				
	SB-2-15	11-13-15	0840	S	1																				
	SB-2-20	11-13-15	0845	S	1																				
	SB-2-30	11-13-15	0905	S	1																				
	SB-1-2	11-13-15	1000	S	1																				
	SB-1-5.5	11-13-15	1005	S	1																				
	SB-1-10	11-13-15	1010	S	1																				
	SB-1-15	11-13-15	1015	S	1																				

Relinquished by: (Signature) *[Signature]* Date: 11/13/15 Time: 1100

Relinquished by: (Signature/Affiliation) *[Signature]* Received by: (Signature/Affiliation) Date: 11/13/15 Time: 1840

Relinquished by: (Signature) *[Signature]* Received by: (Signature/Affiliation) Date: 11/13/15 Time: 1840

DISTRIBUTION: White with final report, Green and Yellow to Client.
 Please note that pages 1 and 2 of 2 of our T/CS are printed on the reverse side of the Green and Yellow copies respectively.



Calscience Environmental Laboratories, Inc.

Social Laboratory
7440 Lincoln Way
Garden Grove, CA 92841-1427
(714) 895-5494

NorCal Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 889-9022

CHAIN OF CUSTODY RECORD

Date 11-13-15

Page 2 of 2

WO # / LAB USE ONLY

-

CLIENT PROJECT NAME / NUMBER:

P.O. NO.:

PROJECT CONTACT:

SAMPLER(S): (PRINT)

LABORATORY CLIENT: Basics Environmental

ADDRESS: 655 12th Street Ste 126

CITY: Oakland STATE: CA ZIP: 94607

TEL: 50834-9099 E-MAIL: Basics Environmental@gmail.com

TURNAROUND TIME:

SAME DAY 24 HR 48 HR 72 HR STANDARD 5 day

COELT EDF GLOBAL ID LOG CODE

REQUESTED ANALYSES

TPH (g) or GRO	
TPH (d) or DRO or (C6C36) or (C6-C44)	
TPH (<u>Stoddard Solvent</u>)	
BTEX / MTBE (8260) or ()	
VOCs (8260)	
Oxygenates (8260)	
En Core / Terra Core Prep (5035)	
SVOCs (8270)	
Pesticides (8081)	
PCBs (8082)	
PNAs (8310) or (8270)	
T22 Metals (6010B/747X)	
Cr(VI) [7196 or 7199 or 218.6]	
<u>LVFT5 METALS</u>	

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	PRESERVATION			DATE	TIME	MATERIALS	OTHER	
		DATE	TIME			UNPRESERVED	PRESERVED	FIELD FILTERED					
	<u>58-1-20</u>	<u>11-13-15</u>	<u>1040</u>	<u>S</u>	<u>1</u>								
	<u>58-2-W</u>	<u>11-13-15</u>	<u>1025</u>	<u>W</u>	<u>7</u>								

SPECIAL INSTRUCTIONS: Email report to: Basics Environmental@gmail.com
lit-freeman@gmail.com
Lab Filter water sample within 24 hours (LVFT5)

FIELD CONDITION: 3.7
HEAD SPACE ABSENT
DATE/INITIATED IN LAB
PRESERVED IN LAB
VOL% O2G MATERIALS OTHER

Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>[Signature]</u>	Date: <u>11/13/15</u>	Time: <u>1:00</u>
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>[Signature]</u>	Date: <u>11/13/15</u>	Time: <u>1:40</u>
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>[Signature]</u>	Date:	Time:

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.



Sample Receipt Checklist

Client Name: **Basics Environmental** Date and Time Received: **11/13/2015 7:17:57 PM**
 Project Name: **Pleasanton, CA** Login Reviewed by: **Maria Venegas**
 WorkOrder No: **1511651** Matrix: Soil/Water Carrier: Benjamin Yslas (MAI Courier)

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes No
 Sample/Temp Blank temperature Temp: 3.7°C NA
 Water - VOA vials have zero headspace / no bubbles? Yes No NA
 Sample labels checked for correct preservation? Yes No
 pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)? Yes No NA
 Samples Received on Ice? Yes No

(Ice Type: WET ICE)

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522? Yes No NA
 Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539? Yes No NA

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

Comments:



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1511623

Report Created for: Basics Environmental

655 12th Street, Suite 126
Oakland, CA 94607

Project Contact: Donovan Tom

Project P.O.:

Project Name: 927 Main St.

Project Received: 11/13/2015

Analytical Report reviewed & approved for release on 11/20/2015 by:

Angela Rydelius,
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.





Glossary of Terms & Qualifier Definitions

Client: Basics Environmental

Project: 927 Main St.

WorkOrder: 1511623

Glossary Abbreviation

95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

F	sample was filtered upon arrival to the lab
b1	aqueous sample that contains greater than ~1 vol. % sediment
e2	diesel range compounds are significant; no recognizable pattern



Analytical Report

Client: Basics Environmental
Date Received: 11/13/15 17:20
Date Prepared: 11/20/15
Project: 927 Main St.

WorkOrder: 1511623
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-1-W	1511623-002C	Water	11/13/2015 11:30	GC28	113217

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	11/20/2015 10:46
tert-Amyl methyl ether (TAME)	ND	0.50	1	11/20/2015 10:46
Benzene	ND	0.50	1	11/20/2015 10:46
Bromobenzene	ND	0.50	1	11/20/2015 10:46
Bromochloromethane	ND	0.50	1	11/20/2015 10:46
Bromodichloromethane	1.3	0.50	1	11/20/2015 10:46
Bromoform	ND	0.50	1	11/20/2015 10:46
Bromomethane	ND	0.50	1	11/20/2015 10:46
2-Butanone (MEK)	ND	2.0	1	11/20/2015 10:46
t-Butyl alcohol (TBA)	ND	2.0	1	11/20/2015 10:46
n-Butyl benzene	ND	0.50	1	11/20/2015 10:46
sec-Butyl benzene	ND	0.50	1	11/20/2015 10:46
tert-Butyl benzene	ND	0.50	1	11/20/2015 10:46
Carbon Disulfide	ND	0.50	1	11/20/2015 10:46
Carbon Tetrachloride	ND	0.50	1	11/20/2015 10:46
Chlorobenzene	ND	0.50	1	11/20/2015 10:46
Chloroethane	ND	0.50	1	11/20/2015 10:46
Chloroform	5.5	0.50	1	11/20/2015 10:46
Chloromethane	ND	0.50	1	11/20/2015 10:46
2-Chlorotoluene	ND	0.50	1	11/20/2015 10:46
4-Chlorotoluene	ND	0.50	1	11/20/2015 10:46
Dibromochloromethane	ND	0.50	1	11/20/2015 10:46
1,2-Dibromo-3-chloropropane	ND	0.20	1	11/20/2015 10:46
1,2-Dibromoethane (EDB)	ND	0.50	1	11/20/2015 10:46
Dibromomethane	ND	0.50	1	11/20/2015 10:46
1,2-Dichlorobenzene	ND	0.50	1	11/20/2015 10:46
1,3-Dichlorobenzene	ND	0.50	1	11/20/2015 10:46
1,4-Dichlorobenzene	ND	0.50	1	11/20/2015 10:46
Dichlorodifluoromethane	ND	0.50	1	11/20/2015 10:46
1,1-Dichloroethane	ND	0.50	1	11/20/2015 10:46
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	11/20/2015 10:46
1,1-Dichloroethene	ND	0.50	1	11/20/2015 10:46
cis-1,2-Dichloroethene	ND	0.50	1	11/20/2015 10:46
trans-1,2-Dichloroethene	ND	0.50	1	11/20/2015 10:46
1,2-Dichloropropane	ND	0.50	1	11/20/2015 10:46
1,3-Dichloropropane	ND	0.50	1	11/20/2015 10:46
2,2-Dichloropropane	ND	0.50	1	11/20/2015 10:46

(Cont.)



Analytical Report

Client: Basics Environmental
Date Received: 11/13/15 17:20
Date Prepared: 11/20/15
Project: 927 Main St.

WorkOrder: 1511623
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-1-W	1511623-002C	Water	11/13/2015 11:30	GC28	113217

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	11/20/2015 10:46
cis-1,3-Dichloropropene	ND	0.50	1	11/20/2015 10:46
trans-1,3-Dichloropropene	ND	0.50	1	11/20/2015 10:46
Diisopropyl ether (DIPE)	ND	0.50	1	11/20/2015 10:46
Ethylbenzene	ND	0.50	1	11/20/2015 10:46
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	11/20/2015 10:46
Freon 113	ND	0.50	1	11/20/2015 10:46
Hexachlorobutadiene	ND	0.50	1	11/20/2015 10:46
Hexachloroethane	ND	0.50	1	11/20/2015 10:46
2-Hexanone	ND	0.50	1	11/20/2015 10:46
Isopropylbenzene	ND	0.50	1	11/20/2015 10:46
4-Isopropyl toluene	ND	0.50	1	11/20/2015 10:46
Methyl-t-butyl ether (MTBE)	ND	0.50	1	11/20/2015 10:46
Methylene chloride	ND	0.50	1	11/20/2015 10:46
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	11/20/2015 10:46
Naphthalene	ND	0.50	1	11/20/2015 10:46
n-Propyl benzene	ND	0.50	1	11/20/2015 10:46
Styrene	ND	0.50	1	11/20/2015 10:46
1,1,1,2-Tetrachloroethane	ND	0.50	1	11/20/2015 10:46
1,1,2,2-Tetrachloroethane	ND	0.50	1	11/20/2015 10:46
Tetrachloroethene	ND	0.50	1	11/20/2015 10:46
Toluene	ND	0.50	1	11/20/2015 10:46
1,2,3-Trichlorobenzene	ND	0.50	1	11/20/2015 10:46
1,2,4-Trichlorobenzene	ND	0.50	1	11/20/2015 10:46
1,1,1-Trichloroethane	ND	0.50	1	11/20/2015 10:46
1,1,2-Trichloroethane	ND	0.50	1	11/20/2015 10:46
Trichloroethene	ND	0.50	1	11/20/2015 10:46
Trichlorofluoromethane	ND	0.50	1	11/20/2015 10:46
1,2,3-Trichloropropane	ND	0.50	1	11/20/2015 10:46
1,2,4-Trimethylbenzene	ND	0.50	1	11/20/2015 10:46
1,3,5-Trimethylbenzene	ND	0.50	1	11/20/2015 10:46
Vinyl Chloride	ND	0.50	1	11/20/2015 10:46
Xylenes, Total	ND	0.50	1	11/20/2015 10:46

(Cont.)



Analytical Report

Client: Basics Environmental
 Date Received: 11/13/15 17:20
 Date Prepared: 11/20/15
 Project: 927 Main St.

WorkOrder: 1511623
 Extraction Method: SW5030B
 Analytical Method: SW8260B
 Unit: µg/L

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-1-W	1511623-002C	Water	11/13/2015 11:30	GC28	113217

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	95	70-130		11/20/2015 10:46
Toluene-d8	87	70-130		11/20/2015 10:46
4-BFB	78	70-130		11/20/2015 10:46

Analyst(s): KF

Analytical Comments: b1



Analytical Report

Client: Basics Environmental
 Date Received: 11/13/15 17:20
 Date Prepared: 11/14/15
 Project: 927 Main St.

WorkOrder: 1511623
 Extraction Method: SW5030B
 Analytical Method: SW8021B/8015Bm
 Unit: µg/L

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

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-1-W	1511623-002B	Water	11/13/2015 11:30	GC3	112891

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	11/14/2015 00:31
MTBE	ND	5.0	1	11/14/2015 00:31
Benzene	ND	0.50	1	11/14/2015 00:31
Toluene	ND	0.50	1	11/14/2015 00:31
Ethylbenzene	ND	0.50	1	11/14/2015 00:31
TPH(ss)	ND	50	1	11/14/2015 00:31
Xylenes	ND	0.50	1	11/14/2015 00:31

Surrogates	REC (%)	Limits	Date Analyzed
aaa-TFT	90	70-130	11/14/2015 00:31

Analyst(s): IA

Analytical Comments: b1



Analytical Report

Client: Basics Environmental
 Date Received: 11/13/15 17:20
 Date Prepared: 11/13/15
 Project: 927 Main St.

WorkOrder: 1511623
 Extraction Method: SW3005
 Analytical Method: SW6020
 Unit: µg/L

Dissolved LUFT 5 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-1-W	1511623-002D	Water	11/13/2015 11:30	ICP-MS2	112893

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Cadmium	ND	F	0.25	1	11/16/2015 21:42
Chromium	0.63	F	0.50	1	11/16/2015 21:42
Lead	ND	F	0.50	1	11/16/2015 21:42
Nickel	1.8	F	0.50	1	11/16/2015 21:42
Zinc	ND	F	15	1	11/16/2015 21:42

Analyst(s): BBO

Analytical Comments: b1



Analytical Report

Client: Basics Environmental
 Date Received: 11/13/15 17:20
 Date Prepared: 11/13/15
 Project: 927 Main St.

WorkOrder: 1511623
 Extraction Method: SW3510C
 Analytical Method: SW8015B
 Unit: µg/L

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SB-1-W	1511623-002A	Water	11/13/2015 11:30	GC39A	112915
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	120		100	2	11/17/2015 19:19
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
C9	113		70-130		11/17/2015 19:19
<u>Analyst(s)</u> : TK			<u>Analytical Comments</u> : e2,b1		



Quality Control Report

Client: Basics Environmental
 Date Prepared: 11/20/15
 Date Analyzed: 11/20/15
 Instrument: GC28
 Matrix: Water
 Project: 927 Main St.

WorkOrder: 1511623
 BatchID: 113217
 Extraction Method: SW5030B
 Analytical Method: SW8260B
 Unit: µg/L
 Sample ID: MB/LCS-113217

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	-	10	-	-	-	-
tert-Amyl methyl ether (TAME)	ND	7.15	0.50	10	-	72	54-140
Benzene	ND	8.03	0.50	10	-	80	47-158
Bromobenzene	ND	-	0.50	-	-	-	-
Bromochloromethane	ND	-	0.50	-	-	-	-
Bromodichloromethane	ND	-	0.50	-	-	-	-
Bromoform	ND	-	0.50	-	-	-	-
Bromomethane	ND	-	0.50	-	-	-	-
2-Butanone (MEK)	ND	-	2.0	-	-	-	-
t-Butyl alcohol (TBA)	ND	24.5	2.0	40	-	61	42-140
n-Butyl benzene	ND	-	0.50	-	-	-	-
sec-Butyl benzene	ND	-	0.50	-	-	-	-
tert-Butyl benzene	ND	-	0.50	-	-	-	-
Carbon Disulfide	ND	-	0.50	-	-	-	-
Carbon Tetrachloride	ND	-	0.50	-	-	-	-
Chlorobenzene	ND	8.68	0.50	10	-	87	43-157
Chloroethane	ND	-	0.50	-	-	-	-
Chloroform	ND	-	0.50	-	-	-	-
Chloromethane	ND	-	0.50	-	-	-	-
2-Chlorotoluene	ND	-	0.50	-	-	-	-
4-Chlorotoluene	ND	-	0.50	-	-	-	-
Dibromochloromethane	ND	-	0.50	-	-	-	-
1,2-Dibromo-3-chloropropane	ND	-	0.20	-	-	-	-
1,2-Dibromoethane (EDB)	ND	8.44	0.50	10	-	84	44-155
Dibromomethane	ND	-	0.50	-	-	-	-
1,2-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,3-Dichlorobenzene	ND	-	0.50	-	-	-	-
1,4-Dichlorobenzene	ND	-	0.50	-	-	-	-
Dichlorodifluoromethane	ND	-	0.50	-	-	-	-
1,1-Dichloroethane	ND	-	0.50	-	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	7.11	0.50	10	-	71	66-125
1,1-Dichloroethene	ND	8.75	0.50	10	-	88	47-149
cis-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
trans-1,2-Dichloroethene	ND	-	0.50	-	-	-	-
1,2-Dichloropropane	ND	-	0.50	-	-	-	-
1,3-Dichloropropane	ND	-	0.50	-	-	-	-
2,2-Dichloropropane	ND	-	0.50	-	-	-	-

(Cont.)



Quality Control Report

Client: Basics Environmental
Date Prepared: 11/20/15
Date Analyzed: 11/20/15
Instrument: GC28
Matrix: Water
Project: 927 Main St.

WorkOrder: 1511623
BatchID: 113217
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS-113217

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	-	0.50	-	-	-	-
cis-1,3-Dichloropropene	ND	-	0.50	-	-	-	-
trans-1,3-Dichloropropene	ND	-	0.50	-	-	-	-
Diisopropyl ether (DIPE)	ND	7.72	0.50	10	-	77	57-136
Ethylbenzene	ND	-	0.50	-	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	7.30	0.50	10	-	73	55-137
Freon 113	ND	-	0.50	-	-	-	-
Hexachlorobutadiene	ND	-	0.50	-	-	-	-
Hexachloroethane	ND	-	0.50	-	-	-	-
2-Hexanone	ND	-	0.50	-	-	-	-
Isopropylbenzene	ND	-	0.50	-	-	-	-
4-Isopropyl toluene	ND	-	0.50	-	-	-	-
Methyl-t-butyl ether (MTBE)	ND	7.20	0.50	10	-	72	53-139
Methylene chloride	ND	-	0.50	-	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	-	0.50	-	-	-	-
Naphthalene	ND	-	0.50	-	-	-	-
n-Propyl benzene	ND	-	0.50	-	-	-	-
Styrene	ND	-	0.50	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
1,1,1,2-Tetrachloroethane	ND	-	0.50	-	-	-	-
Tetrachloroethene	ND	-	0.50	-	-	-	-
Toluene	ND	7.70	0.50	10	-	77	52-137
1,2,3-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,2,4-Trichlorobenzene	ND	-	0.50	-	-	-	-
1,1,1-Trichloroethane	ND	-	0.50	-	-	-	-
1,1,2-Trichloroethane	ND	-	0.50	-	-	-	-
Trichloroethene	ND	9.20	0.50	10	-	92	43-157
Trichlorofluoromethane	ND	-	0.50	-	-	-	-
1,2,3-Trichloropropane	ND	-	0.50	-	-	-	-
1,2,4-Trimethylbenzene	ND	-	0.50	-	-	-	-
1,3,5-Trimethylbenzene	ND	-	0.50	-	-	-	-
Vinyl Chloride	ND	-	0.50	-	-	-	-
Xylenes, Total	ND	-	0.50	-	-	-	-

(Cont.)



Quality Control Report

Client: Basics Environmental
Date Prepared: 11/20/15
Date Analyzed: 11/20/15
Instrument: GC28
Matrix: Water
Project: 927 Main St.

WorkOrder: 1511623
BatchID: 113217
Extraction Method: SW5030B
Analytical Method: SW8260B
Unit: µg/L
Sample ID: MB/LCS-113217

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	23.4	23.1		25	93	92	70-130
Toluene-d8	22.3	22.0		25	89	88	70-130
4-BFB	1.94	1.96		2.5	77	79	70-130



Quality Control Report

Client: Basics Environmental
 Date Prepared: 11/13/15
 Date Analyzed: 11/13/15
 Instrument: GC3
 Matrix: Water
 Project: 927 Main St.

WorkOrder: 1511623
 BatchID: 112891
 Extraction Method: SW5030B
 Analytical Method: SW8021B/8015Bm
 Unit: µg/L
 Sample ID: MB/LCS-112891
 1511623-002BMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	59.7	40	60	-	100	70-130
MTBE	ND	9.28	5.0	10	-	93	70-130
Benzene	ND	9.52	0.50	10	-	95	70-130
Toluene	ND	9.63	0.50	10	-	96	70-130
Ethylbenzene	ND	9.77	0.50	10	-	98	70-130
Xylenes	ND	29.5	0.50	30	-	98	70-130

Surrogate Recovery

aaa-TFT	9.35	9.54		10	94	95	70-130
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Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	61.9	60.4	60	ND	103	101	70-130	2.45	20
MTBE	8.83	9.23	10	ND	88	92	70-130	4.50	20
Benzene	10.1	10.5	10	ND	101	105	70-130	4.10	20
Toluene	10.2	10.6	10	ND	101	104	70-130	3.35	20
Ethylbenzene	10.5	10.6	10	ND	105	106	70-130	1.08	20
Xylenes	31.6	31.9	30	ND	105	106	70-130	0.812	20

Surrogate Recovery

aaa-TFT	9.12	9.15	10		91	91	70-130	0	20
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Quality Control Report

Client: Basics Environmental
Date Prepared: 11/13/15
Date Analyzed: 11/13/15 - 11/16/15
Instrument: ICP-MS1, ICP-MS2
Matrix: Water
Project: 927 Main St.

WorkOrder: 1511623
BatchID: 112893
Extraction Method: SW3005
Analytical Method: SW6020
Unit: µg/L
Sample ID: MB/LCS-112893
1511601-003AMS/MSD

QC Summary Report for Dissolved Metals

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Cadmium	ND	49.4	0.25	50	-	99	85-115
Chromium	ND	48.6	0.50	50	-	97	85-115
Lead	ND	50.5	0.50	50	-	101	85-115
Nickel	ND	49.3	0.50	50	-	99	85-115
Zinc	ND	500	15	500	-	100	85-115

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Cadmium	49.3	49.3	50	ND	99	99	70-130	0	20
Chromium	53.3	52.9	50	2.0	103	102	70-130	0.847	20
Lead	49.2	49.1	50	ND	98	97	70-130	0.244	20
Nickel	60.2	60.4	50	12	97	97	70-130	0	20
Zinc	545	548	500	44	100	101	70-130	0.695	20



Quality Control Report

Client: Basics Environmental
Date Prepared: 11/13/15
Date Analyzed: 11/15/15
Instrument: GC9a
Matrix: Water
Project: 927 Main St.

WorkOrder: 1511623
BatchID: 112915
Extraction Method: SW3510C
Analytical Method: SW8015B
Unit: µg/L
Sample ID: MB/LCS-112915

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	1020	50	1000	-	102	61-157
TPH-Motor Oil (C18-C36)	ND	-	250	-	-	-	-
Surrogate Recovery							
C9	646	658		625	103	105	65-122



1334 Willow Pass Rd
 Pittsburg, CA 94565-1701
 (925) 252-9262

McC Campbell Analytical, Inc.

CHAIN-OF-CUSTODY RECORD

Work Order: 1511623

Client Code: BE0

WaterTrax

WriteOn

EDF

Excel

EQUIS

Email

HardCopy

ThirdParty

J-flag

Report to:

Donavan Tom
 Basics Environmental
 655 12th Street, Suite 126
 Oakland, CA 94607
 (510) 834-9099 FAX: (510) 834-9098

Email: basicsenvironmental@gmail.com
 cc/3rd Party:

PO: ProjectNo: 927 Main St.

Bill to:

Accounts Payable
 Basics Environmental
 655 12th Street, Suite 126
 Oakland, CA 94607

Requested TAT: 5 days;

Date Received: 11/13/2015

Date Printed: 11/13/2015

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)																	
					1	2	3	4	5	6	7	8	9	10	11	12						
1511623-002	SB-1-W	Water	11/13/2015 11:30	<input type="checkbox"/>	C	B	D	D	A													

Test Legend:

1	8260B_W	2	G-MBTEX_W	3	LUFTMS_6020 DISS	4	PRDISSOLVED
5	TPH(D)_W	6		7		8	
9		10		11		12	

Prepared by: Lindsay Diesta

Comments:

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



WORK ORDER SUMMARY

Client Name: BASICS ENVIRONMENTAL QC Level: LEVEL 2 Work Order: 1511623
Project: 927 Main St. Client Contact: Donavan Tom Date Received: 11/13/2015
Comments: Contact's Email: basicsenvironmental@gmail.com

- WaterTrax WriteOn EDF Excel Fax Email HardCopy ThrdParty J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold SubOut
1511623-001A	SB-1-30	Soil		1	Acetate Liner	<input type="checkbox"/>	11/13/2015 10:45	5 days	5%+	<input checked="" type="checkbox"/>
1511623-002A	SB-1-W	Water	SW8015B (Diesel)	2	aVOA	<input type="checkbox"/>	11/13/2015 11:30	5 days	5%+	<input type="checkbox"/>
1511623-002B	SB-1-W	Water	SW8021B/8015Bm (G/MBTEX) <Benzene_2, Ethylbenzene_2, MTBE_2, Toluene_2, TPH(g)_1, TPH(ss)_1, Xylenes_2>	2	VOA w/ HCl	<input type="checkbox"/>	11/13/2015 11:30	5 days	5%+	<input type="checkbox"/>
1511623-002C	SB-1-W	Water	SW8260B (VOCs)	2	VOA w/ HCl	<input type="checkbox"/>	11/13/2015 11:30	5 days	5%+	<input type="checkbox"/>
1511623-002D	SB-1-W	Water	SW6020 (LUFT) (Dissolved-Lab Filtered)	1	250mL HDPE, unprsv.	<input type="checkbox"/>	11/13/2015 11:30	5 days	5%+	<input type="checkbox"/>

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).
- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.



Sample Receipt Checklist

Client Name: **Basics Environmental** Date and Time Received: **11/13/2015 5:20:15 PM**
 Project Name: **927 Main St.** LogIn Reviewed by: **Lindsay Diesta**
 WorkOrder No: **1511623** Matrix: Soil/Water Carrier: Randy Glen

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes No
 Sample/Temp Blank temperature Temp: 3.8°C NA
 Water - VOA vials have zero headspace / no bubbles? Yes No NA
 Sample labels checked for correct preservation? Yes No
 pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)? Yes No NA
 Samples Received on Ice? Yes No

(Ice Type: WET ICE)

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522? Yes No NA
 Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539? Yes No NA

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

Comments: