PHASE II ENVIRONMENTAL SITE ASSESSMENT
ASHLAND HOUSING PROJECT
16305, 16309, 16325, 16327, 16331, 16333 KENT AVENUE AND 16375 EAST 14TH STREET
ASHLAND, CALIFORNIA

PREPARED FOR:
Resources for Community Development
2220 Oxford Street
Berkeley, California 94704

PREPARED BY:
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July 9, 2013
Project No. 402090002

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Project No. 4020090002

Mr. Brian Saliman
Resources for Community Development
2220 Oxford Street
Berkeley, California 94704

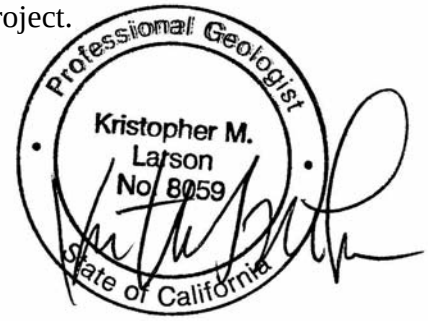
Subject: Phase II Environmental Site Assessment
16305, 16309, 16325, 16327, 16331, and 16333 Kent Avenue
and 16375 East 14th Street
Ashland, California

Dear Mr. Saliman:

Ninyo & Moore is pleased to submit this Phase II Environmental Site Assessment (ESA) for the subject property. The attached report has been prepared to document our investigation activities performed in general accordance with our proposal dated December 26, 2012.

We appreciate the opportunity to be of service to you on this project.

Sincerely,
NINYO & MOORE



Peter Sims
Project Environmental Geologist

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Principal Environmental Geologist

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TABLE OF CONTENTS

Page

Tables

Figures

Appendices

1. INTRODUCTION

Ninyo & Moore has prepared this Phase II Environmental Site Assessment (ESA) for the properties at 16305, 16309, 16325, 16327, 16331, and 16333 Kent Avenue and 16375 East 14th Street in Ashland, an unincorporated community in Alameda County, California (site, Figure 1). This report has been prepared to address the Recognized Environmental Conditions (RECs) discussed in the Phase I Environmental Site Assessment (ESA) prepared for 16305, 16309, 16325, 16331, and 16333 Kent Avenue by RGA Environmental Inc., dated May 13, 2011 (RGA, 2011), the Phase I ESA prepared for 16375 East 14th Street by Belinda P. Blackie, PE, REA, dated March 16, 2012, and the Phase I ESA prepared for 16327 Kent Avenue by Belinda P. Blackie, PE, REA, dated May 8, 2012.

2. BACKGROUND

2.1. Site Description

The site is a approximately two-acres in area and occupied by one two-storey residence (a converted barn) and six single-storey residences comprising approximately 8,000 square-feet of building space, 740 square-feet of shower/bathroom buildings, a carport, multiple mobile homes, several storage sheds, asphalt and gravel driveways, and parking areas. The site is located in a mixed commercial/residential area of Ashland. The site is bordered by a youth center to the northwest, East 14th Street to the northeast, Kent Avenue to the east, residential properties to the south, and baseball fields to the west.

2.2. Previous Environmental Investigations

Previous environmental investigations performed at the site include Phase I ESAs conducted by RGA Environmental and Belinda P. Blackie, PE, REA. These Phase I ESAs reported that the site was first occupied by field crops and orchards as early as the late 1930s until the early 1950s. Site structures were constructed from as early as the 1930s to the early 1990s, the carport structure was built in the late 1940s to early 1950s, and the trailer park and associated showers/bathrooms were constructed as early as 1954.

Based on the Phase I ESAs, the following RECs were identified:

- One rusted 55-gallon drum, several containers of paint thinner, and an abandoned vehicle in the overgrown area south of the building on the 16325 Kent Avenue property;
- One 55-gallon drum leaking a tar-like substance and several containers of unidentified oily material located in the carport area in the northwestern portion of the site;
- Potential heating oil underground storage tanks (USTs) at 16325, 16327, and 16331 Kent Avenue; and
- Lead (from lead based paint) and pesticides (from previous agricultural use) in site soils.

2.3. Topography

According to United States Geological Survey (USGS) 7.5-Minute Series Topographic Map, Hayward, California; the surface elevation at the site is approximately 43 feet above mean sea level (msl). Overall, regional surface slope is towards the northwest.

2.4. Site Geology and Sedimentology

The site is located in the California Coast Range Geologic Province and is underlain by the Franciscan Complex and the Salinian Block. The Salinian block is composed of granitic and metamorphic rocks, overlain by Cretaceous and Cenozoic sedimentary rocks. The Franciscan complex is composed of oceanic crust material and sedimentary rocks of the late Jurassic and Cretaceous age.

Based on field observations and the review of borings logs, material encountered beneath the paved surface on site is primarily sandy clay with some silt to a maximum explored depth of approximately 15 feet below ground surface (bgs). Lithologic information was collected from the surface to 10 feet bgs in soil boring OG2 advanced in the overgrown area south of the building on the 16325 Kent Avenue property and from the surface to 15 feet in soil boring CP2 advanced in the carport on the northwestern portion of the site. Copies of the soil boring logs for borings OG2 and CP2 are presented in Appendix A.

2.5. Site Hydrogeology

Groundwater was encountered in borings OG2 and CP2 at approximately 6 and 8 feet bgs, respectively. The groundwater flow direction is anticipated to be towards the northwest, following the topography of the area. According to the RWQCB, Water Quality Control Plan for the San Francisco Basin, the site is located in the East Bay Plan Sub-basin of the Santa Clara Valley Basin.

2.6. Surface Water Bodies

Lake Chabot is the closest surface water body and is located approximately 2 miles northeast of the site. San Francisco Bay is located approximately 4 miles west of the site.

3. FIELD ACTIVITIES

Ninyo & Moore performed investigation activities to address the RECs identifed in the Phase I ESAs prepared for the site. The following sections describe the pre-field activities and field activities performed.

3.1. Pre-field Preparations

3.1.1. Health and Safety Plan

To ensure the safety and protection of site workers, visitors and off-property populations, a Site Specific Health and Safety Plan (SSHSP) was prepared prior to the implementation of remedial activities. This document detailed protective measures to be implemented during the remedial action, including protective gear, training and monitoring requirements for remediation site workers, and dust and noise control during on-site activity. Prior to the start of field activities, all site personnel were required to review and sign the SSHSP to acknowledge that they understood the contents of the document.

3.1.2. Utility Clearance and Limited Site Reconnaissance

At least 48 hours prior to the start of excavation and monitoring well installation activities, the site was marked with white paint and Underground Service Alert (USA) was notified of the planned subsurface activities. USA notified utility companies of the planned excavation activities so the locations of underground utilities could be marked if present in the excavation area. Additionally, a private utility locating subcontractor cleared the soil borings.

At the time of the utility clearance, a limited site reconnaissance was performed to investigate the potential presence of heating oil USTs at 16325, 16327, and 16331 Kent Avenue. No evidence of USTs including: vent pipes, fill pipes, or access ways was discovered at the time of the limited site reconnaissance.

3.1.3. Permits and Notifications

A drilling permit for soil borings was obtained from the Alameda County Public Works Agency (ACPWA) prior to the commencement of field activities. The ACPWA inspector was notified five business days in advance of the start of field work. A copy of the drilling permit is included in Appendix B.

3.2. Soil Boring Advancement

On March 7, 2013, Penecore Drilling of Woodland, California, with oversight from Ninyo & Moore advanced 28 borings (OG1 through OG4, CP1 through CP4, G1 through G9, and L1 through L14) (Figure 2) for the purpose of soil and groundwater sampling to evaluate potential impacts from RECs identified in the Phase I ESAs. Borings OG1 through OG4 were advanced in the overgrown area south of the building at 16325 Kent Avenue to evaluate potential impacts from a rusted 55-gallon drum, several containers of paint thinner, and an abandoned vehicle observed during a Phase I ESA site reconnaissance. Borings CP1 through CP4 were advanced in the carport on the northwestern portion of the site to evaluate potential impacts from a 55-gallon drum leaking a tar-like substance and several containers

of unidentified oily material observed during a Phase I ESA site reconnaissance. Borings G1 through G9 and L1 through L14 were advanced in bare soil adjacent to site buildings to evaluate potential impacts to site soil from historical use of lead-based paint on site buildings. Borings G1 through G9 were also advanced across the site to evaluate potential impacts to site soil from historical use of pesticides. Soil samples were collected from 0 to 1 foot bgs and 1 to 2 feet bgs in all 28 soil borings. Soil borings OG2 and CP2 were advanced to 10 and 15 feet bgs, respectively, for the collection of grab groundwater samples.

The borings were advanced to 2 feet bgs using a hand auger. Borings OG2 and CP2 were advanced to their final depth with a direct push drill rig. Soil cuttings and continuous soil cores were collected from borings OG2 and CP2 in acetate liners of the direct push drill rods and examined by Ninyo & Moore field staff. Observations of soil lithology in borings OG2 and CP2 were recorded on soil boring logs (Appendix B). Soil samples were screened for volatile compounds using a photo-ionization detector (PID) and the results of the field screening were recorded on the boring logs. Once sampling activities were completed, the borings were backfilled with Portland cement following the ACPWA guidelines.

3.3. Soil Sampling Methodology

Soil samples were collected from each boring from 0 to 1 feet bgs and from 1 to 2 feet bgs. Soil samples were collected in laboratory supplied 8-ounce glass jars which were labeled with the project name/location, sample identification, sampling date/time, and sampler's initials. Soil samples collected for analysis of volatile organic compounds (VOCs) were collected in Encore containers and/or preserved vials in accordance with EPA Method 5035. The sample containers were placed into an insulated cooler containing ice for storage and transport to Advanced Technology Laboratories of Signal Hill, California. Chain-of-custody documentation was completed and accompanied the soil samples to the analytical laboratory.

3.4. Groundwater Sampling Methodology

A grab ground water sample was collected from borings OG2 and CP2. Subsequent to reaching the final depths of 10 and 15 feet bgs in borings OG2 and CP2, respectively, a new screened 1-inch diameter PVC casing was installed in each boring. Groundwater samples were collected in the appropriate laboratory supplied containers using a stainless steel check valve attached to the end of tubing for each boring. The stainless steel check valve was decontaminated between collecting samples and new tubing was used for each sample. Samples for analysis of VOCs and total petroleum hydrocarbons as gasoline (TPHg) were collected in 40 milliliter (mL) VOA vials preserved with hydrochloric acid. Samples for analysis of total petroleum hydrocarbons as diesel (TPHd) and total petroleum hydrocarbons as motor oil (TPHmo) were collected in unpreserved 1-liter amber bottles. The sample containers were labeled, placed in protective sleeves, and stored in a cooler on ice for preservation during shipping via overnight delivery to Advanced Technology Laboratories of Signal Hill, California. Chain-of-custody documentation was completed and accompanied the groundwater samples to the analytical laboratory

3.5. Decontamination Procedures

All equipment that came into contact with potentially contaminated soil or water was decontaminated consistently to assure the quality of samples collected. All drilling and sampling devices used were decontaminated using either a triple bucket rinse or a steam cleaner between samples or following field activities. Disposable equipment intended for one-time use was not decontaminated. Nitrile gloves were changed between each sample collection to minimize the likelihood of cross contamination.

3.6. Investigation Derived Waste Disposal

Soil cuttings generated from field activities were placed back into shallow borings. Decontamination of drilling equipment was conducted off-site by Penecore Drilling following drilling activities; no decontamination fluids were left on-site. Gloves and miscellaneous

trash remaining from the site sampling activities were stored in plastic bags and disposed of as municipal waste.

3.7. Soil Analytical Methods

Soil samples collected from 0 to 1 feet bgs and 1 to 2 feet bgs in borings OG1 through OG4 and CP1 through CP4 were analyzed for TPHg, TPHd, and TPHmo by EPA Method 8015B and VOCs by EPA Method 8260 (Table 1). Soil samples collected from 0 to 1 feet bgs in borings CP1 through CP4 were analyzed for polychlorinated biphenyls (PCBs) and polynuclear aromatic hydrocarbons (PAHs) by EPA Methods 8082 and 8270, respectively.

Soil Samples collected from 0 to 1 feet bgs in borings G1 through G9 and L1 through L14 were analyzed for lead by EPA Method 6010B. Soil samples collected from 1 to 2 feet bgs in borings G1 through G9 and L1 through L14 were placed on hold pending the results of the lead analyses of samples collected from 0 to 1 feet bgs. Because elevated lead concentrations were reported in the samples collected from 0 to 1 feet bgs in borings L10 and L13, the samples collected from 1 to 2 feet bgs in borings L10 and L13 were analyzed for lead by EPA Method 6010B (Table 2).

Several soil samples were combined into composite samples by ATL upon sample receipt for various analyses, a description of which follows:

- Soil samples collected from 0 to 1 feet bgs in borings G1, G2, and G3; borings G4, G5, and G6; and borings G7, G8, and G9 were combined into samples Composite A, Composite B, and Composite C, respectively, and analyzed for organochlorine pesticides (OCPs) by EPA Method 8081 (Table 1). Soil samples collected from 1 to 2 feet bgs in borings G1, G2, and G3; borings G4, G5, and G6; and borings G7, G8, and G9 were combined into samples Composite D, Composite E, and Composite F, respectively, and placed on hold pending the results of the OCP analyses of samples collected from 0 to 1 feet bgs. Because elevated OCP concentrations were not reported, samples Composite D, Composite E, and Composite F were not analyzed for OCPs.

- Soil samples collected from 0 to 1 feet bgs in borings CP1 through CP4 and OG1 through OG4 were combined into samples Composite 1 and Composite 2, respectively, and analyzed for Title 22 Metals by EPA Methods 6010B/7471 (Table 2).

3.8. Groundwater Analytical Methods

Groundwater samples collected from boring OG2 and CP2 were analyzed for TPHg, TPHd, and TPHmo by EPA Method 8015B and VOCs by EPA Method 8260 (Table 3).

4. ANALYTICAL RESULTS

The following sections summarize the laboratory analytical results for the soil samples collected on site. A copy of the laboratory analytical report is presented in Appendix C.

4.1. Soil Analytical Results

Soil sample analytical results are presented in Tables 1 and 2 and on Figure 3 and 4. Soil sample analytical results are compared to the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Shallow Soil Environmental Screening Levels (ESLs) for residential and commercial/industrial land use where groundwater is a potential drinking water resource (Table A ESLs; SFRWQCB, May 2013). Analytical results of Title 22 Metals were also compared to the background concentrations for California soils as reported in the Kearney Foundation of Soil Science's *Background Concentrations of Trace and Major Elements in California Soils*, dated March 1996. Analytical results for arsenic were also compared to the proposed upper estimate for background arsenic within undifferentiated urban flatland soils (Duverge, 2011).

4.1.1. Total Petroleum Hydrocarbons in Soil

Reported concentrations of TPHg were not detected above the laboratory reporting limit (1 mg/kg) in the soil samples analyzed. TPHd was detected in all sixteen soil samples analyzed, ranging from 3.4 milligrams per kilogram (mg/kg) to 840 mg/kg. Reported concentrations of TPHd were below their respective Table A ESLs with the exception of the concentrations reported in sample CP3-0-1 (840mg/kg) which exceeds the Table A ESLs for residential and commercial/industrial land use of 100 and 500 mg/kg, respectively, and sample CP3-1-2 (170 mg/kg) which exceeds the Table A ESL for

residential land use. Concentrations of TPHmo were detected in all sixteen soil samples ranging from 2.7 mg/kg to 1,500 mg/kg. Reported concentrations of TPHmo were below their respective Table A ESLs with the exception of the concentration reported in sample CP3-0-1 (1,500 mg/kg), which exceeds the Table A ESL for residential land use of 500 mg/kg but is below the commercial/industrial ESL of 2,500 mg/kg (Table 1, Figure 3).

4.1.2. Polychlorinated Biphenyls in Soil

Reported concentrations of PCBs were not detected above the laboratory reporting limits in the soil samples analyzed (Table 1).

4.1.3. Polynuclear Aromatic Hydrocarbons in Soil

Reported concentrations of PAHs were not detected above the laboratory reporting limits in the soil samples analyzed (Table 1).

4.1.4. Volatile Organic Compounds in Soil

Reported concentrations of VOCs were not detected above the laboratory reporting limits in the soil samples analyzed (Table 1).

4.1.5. Organochlorine Pesticides in Soil

Organochlorine pesticides were reported above detection limits in several samples, however no OCPs were reported above either residential or commercial/industrial Table A ESLs (Table 1). A summary of OCPs detected follows:

- 4,4'-dichlorodiphenyldichloroethylene (DDE) was detected above the laboratory reporting limit in one lateral composite soil sample, Composite B, at 12 micrograms per kilogram (ug/kg).
- 4,4-dichlorodiphenyltrichloroethane (DDT) was detected above the laboratory reporting limit in two lateral composite soil samples, Composite A and Composite B, at 9.2 and 10 ug/kg, respectively.

- Alpha-chlordane was detected above the laboratory reporting limit in two lateral composite soil samples, Composite A and Composite B, at 7.2 and 1.5 ug/kg, respectively.

- Chlordane was detected above the laboratory reporting limit in two lateral composite soil samples, Composite A and Composite B, at 67 and 19 ug/kg, respectively.

- Gamma-chlordane was detected above the laboratory reporting limit in two lateral composite soil samples, Composite A and Composite B, at 9.2 and 1.2 ug/kg respectively.

4.1.6. Title 22 Metals in Soil

Antimony, beryllium, cadmium, mercury, molybdenum, selenium, silver, and thallium were not detected above the laboratory reporting limits in samples Composite 1 and Composite 2. Barium, chromium, cobalt, copper, lead, nickel, vanadium, and zinc were detected above laboratory reporting limits in samples Composite 1 and Composite 2 at concentrations below their respective Table A residential and commercial/industrial ESLs.

Arsenic was detected in samples Composite 1 and Composite 2 at concentrations of 3.4 and 4.1 mg/kg, respectively, which exceed the Table A ESL for residential land use of 0.39 mg/kg. However, the reported concentrations of arsenic were within the range of background concentrations of arsenic in California soils (Kearney, 1996) and below the proposed upper estimate for background arsenic of 11 mg/kg (Duverge, 2011).

Lead was detected above laboratory reporting limits in each soil sample analyzed ranging from 7.3 to 420 mg/kg (Figure 4). Reported concentrations of lead in soil samples were below the Table A ESLs for residential and commercial/industrial land use with the exception of soil sample L10-0-1 (420 mg/kg) which exceeded the Table A ESLs for residential and commercial/industrial land use and soil sample L13-0-1 (100 mg/kg), which exceeded the Table A ESL for residential land use, but was below the Table A ESL for commercial/industrial land use.

4.1.7. TPH in Groundwater

Total petroleum hydrocarbon groundwater analytical results included:

- Total petroleum hydrocarbon as gasoline and motor oil were not detected above the laboratory reporting limit in either groundwater sample.
- Total petroleum hydrocarbon as diesel was detected above the laboratory reporting limit in both groundwater samples. Sample results included 0.07 and 0.09 milligrams per liter (mg/l) in samples OG2-GW and CP2-GW, which are below the Table A ESLs for residential and commercial land use.

5. LABORATORY QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

5.1. Surrogate Recoveries

Surrogate recoveries were all within the limits established by the laboratory with the exception of the following:

- Surrogate was diluted out of two samples. The analytical batch was validated by the laboratory control sample, and therefore the results are reliable.
- Matrix spike recovery was outside of the acceptance limit for two samples. The analytical batch was validated by the laboratory control sample, and therefore the results are reliable.
- Surrogate recovery was below the acceptance limit for three samples. Re-extraction and/or re-analysis confirmed low recovery was caused by matrix interference and the effectiveness of the analysis was not reduced. Therefore the analytical results are reliable.
- Surrogate recovery was above the acceptance limit for seven samples; however, no target analytes were detected in the sample. High surrogate recovery indicates that analytes will be detected if present, but concentrations may be exaggerated. Therefore the analytical results are reliable.

5.2. Laboratory QA/QC Samples

Laboratory QA/QC samples included method blanks, laboratory control samples (LCS), matrix spikes (MS), and matrix spike duplicates (MSD). The percentage recoveries and relative percent differences were all within the specific acceptance limits for these types of samples.

5.3. QA/QC Conclusions

The laboratory analyses followed the approved method and included acceptable QA/QC procedures. No outstanding issues were identified during the course of the QA/QC review. Overall, the presented data appear to be reliable and useable for project decision making.

6. FINDINGS, CONCLUSIONS AND RECOMMENDATIONS

Concentrations of TPHg were not detected in the soil samples analyzed. Concentrations of TPHd were detected in all soil samples analyzed and exceeded the Table A ESLs for residential and commercial/industrial land use in sample CP3-0-1 and exceeded the Table A ESL for residential land use in sample CP3-1-2. Concentrations of TPHmo were detected in all soil samples analyzed and exceeded the Table A ESLs for residential land use in sample CP3-0-1. Based on the results, the concentrations of TPHd and TPHmo in samples collected from boring CP3 decrease with depth.

Concentrations of PCBs, PAHs, and VOCs were not detected in the soil samples analyzed.

Arsenic was detected in soil sample Composite 1 and Composite 2 at concentrations above the Table A ESLs for residential and commercial/industrial land use. However, the reported concentrations were within the background range for California soils, and therefore the reported arsenic concentrations do not represent impacts requiring reporting to the applicable regulatory oversight agencies. Antimony, beryllium, cadmium, mercury, molybdenum, selenium, silver, and thallium were not detected above the laboratory reporting limits in the soil sample Composite 1 and Composite 2. Barium, chromium, copper, mercury, nickel, vanadium, and zinc were detected above laboratory detection limits but did not exceed Table A ESLs for residential and commercial/industrial land use.

Lead was detected in each soil sample analyzed. The reported concentration of lead exceeded the Table A ESLs for residential and commercial/industrial land use in sample L10-0-1; however, lead was not reported above either Table 1 ESLs from the 1-2 feet bgs sample collected from the same boring (L10-1-2). The reported concentration of lead exceeded the Table A ESL for resi-

dential land use in sample L13-0-1 however, lead was not reported above either Table 1 ESLs in the 1-2 feet bgs sample collected from the same boring (L13-1-2). Based on these results, the vertical extend of lead contamination has not exceeded 1-foot bgs.

Total petroleum hydrocarbon as gasoline, TPHmo, and VOCs were not detected in the groundwater samples analyzed. Total petroleum hydrocarbon as diesel was detected at concentrations below the Table A ESL.

Based on the elevated concentrations of TPHd, TPHmo, and lead in soil, Ninyo & Moore recommends conducting lateral and vertical step-out sampling near boring CP3 and lateral step out sampling near borings L10, and L13 to determine the extent of impacts to site soil and to characterize the soil for off-site disposal. Alameda County Environmental Health (ACEH) should be notified of the findings of this report and the subsequent step-out sampling results. With approval of ACEH, a Soil Management Plan (SMP) should be prepared detailing proper handling of excavated soils based on the results of this Phase II ESA.

7. LIMITATIONS

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Variations in site conditions may exist and conditions not observed or described in this report may be encountered during subsequent activities. Please also note that this study did not include an evaluation of geotechnical conditions or potential geologic hazards.

Ninyo & Moore's opinions and recommendations regarding environmental conditions, as presented in this report, are based on limited subsurface assessment and chemical analysis. Further assessment of potential adverse environmental impacts from past on-site and/or nearby use of hazardous materials may be accomplished by a more comprehensive assessment. The samples collected and used for testing, and the observations made, are believed to be representative of the area(s) evalu-

ated; however, conditions can vary significantly between sampling locations. Variations in soil and/or groundwater conditions will exist beyond the points explored in this evaluation.

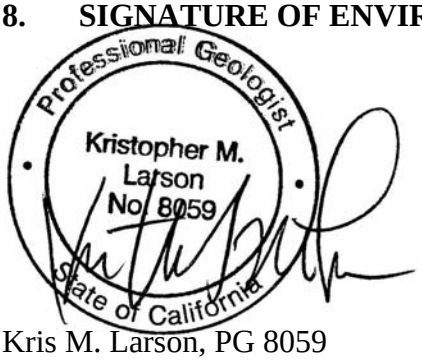
The environmental interpretations and opinions contained in this report are based on the results of laboratory tests and analyses intended to detect the presence and concentration of specific chemical or physical constituents in samples collected from the subject site. The testing and analyses have been conducted by an independent laboratory which is certified by the State of California to conduct such tests. Ninyo & Moore has no involvement in, or control over, such testing and analysis. Ninyo & Moore, therefore, disclaims responsibility for any inaccuracy in such laboratory results.

Our conclusions, recommendations, and opinions are based on an analysis of the observed site conditions. It should be understood that the conditions of a site could change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

This report is intended exclusively for use by Resources for Community Development. Any use or reuse of the findings, conclusions, and/or recommendations of this report by parties other than those noted is undertaken at said parties' sole risk.

8. SIGNATURE OF ENVIRONMENTAL PROFESSIONAL



Kris M. Larson, PG 8059
Principal Environmental Geologist

9. QUALIFICATION OF ENVIRONMENTAL PROFESSIONAL

Mr. Larson states that the Phase II ESA was prepared under his direct supervision, that he has reviewed and approved the Phase II ESA, and that the methods and procedures employed in the development of the Phase II ESA conform to the minimum industry standards. Mr. Larson certifies that Ninyo & Moore project personnel and subcontractors are properly licensed and/or certified to conduct the work described herein.

10. REFERENCES

Blackie, Belinda P., 2012a, Phase I Environmental Site Assessment, Gaphoor-Bay Signs Property, 16375 East 14th Street, San Leandro, California, dated March 16.

Blackie, Belinda P., 2012b, Phase I Environmental Site Assessment, Joe Parcel, 16327 Kent Avenue, San Lorenzo, California, dated May 8.

Duverge, Dylan J., 2011, Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region, San Francisco, California, dated December.

Kearney Foundation of Soil Science, 1996, Background Concentrations of Trace and Major Elements in California Soils, dated March.

RGA Environmental, 2011, Environmental Site Assessment Report, Ashland Housing Project, 16305, 16309, 16325, 16331, and 16333 Kent Avenue, San Lorenzo, California, dated May 13.

San Francisco Bay Regional Water Quality Control Board (SFRWQCB), 2013, Environmental Screening Levels, dated May.

**TABLE 1 - SOIL SAMPLE ANALYTICAL RESULTS FOR
TOTAL PETROLEUM HYDROCARBONS, VOLATILE ORGANIC COMPOUNDS, POLYCHLORNIATED BIPHENYLS,
POLYNUCLEAR AROMATIC HYDROCARBONS AND ORGANOCHLORINATED PESTICIDES**

Sample ID	Date Sample Collected	Sample Depth (feet bgs)	TPH (mg/kg)			PCBs (µg/kg)	PAHs (µg/kg)	VOCs (µg/kg)	OCPs (ug/kg)					
			TPH as gasoline	TPH as diesel	TPH as motor oil	All PCBs	All PAHs	All VOCs	4,4'-DDE	4,4'-DDT	alpha-Chlordane	Chlordane	gamma-Chlordane	All Other OCPs
OG1-0-1	5/23/2013	0-1.0	ND<1.0	4.4	2.7	--	--	ND	--	--	--	--	--	--
OG1-1-2	5/23/2013	1.0-2.0	ND<1.0	4.5	3.9	--	--	ND	--	--	--	--	--	--
OG2-0-1	5/23/2013	0-1.0	ND<1.0	5.8	7.5	--	--	ND	--	--	--	--	--	--
OG2-1-2	5/23/2013	1.0-2.0	ND<1.0	5.3	3.5	--	--	ND	--	--	--	--	--	--
OG3-0-1	5/23/2013	0-1.0	ND<1.0	3.6	2.3	--	--	ND	--	--	--	--	--	--
OG3-1-2	5/23/2013	1.0-2.0	ND<1.0	6.8	6.0	--	--	ND	--	--	--	--	--	--
OG4-0-1	5/23/2013	0-1.0	ND<1.0	3.4	3.1	--	--	ND	--	--	--	--	--	--
OG4-1-2	5/23/2013	1.0-2.0	ND<1.0	5.7	4.6	--	--	ND	--	--	--	--	--	--
CP1-0-1	5/23/2013	0-1.0	ND<1.0	9.8	11	ND	ND	ND	--	--	--	--	--	--
CP1-1-2	5/23/2013	1.0-2.0	ND<1.0	8.3	8.7	--	--	ND	--	--	--	--	--	--
CP2-0-1	5/23/2013	0-1.0	ND<1.0	6.4	5.4	ND	ND	ND	--	--	--	--	--	--
CP2-1-2	5/23/2013	1.0-2.0	ND<1.0	5.6	4.4	--	--	ND	--	--	--	--	--	--
CP3-0-1	5/23/2013	0-1.0	ND<1.0	**840**	**1,500**	ND	ND	ND	--	--	--	--	--	--
CP3-1-2	5/23/2013	1.0-2.0	ND<1.0	**170**	290	--	--	ND	--	--	--	--	--	--
CP4-0-1	5/23/2013	0-1.0	ND<1.0	7.9	9.0	ND	ND	ND	--	--	--	--	--	--
CP4-1-2	5/23/2013	1.0-2.0	ND<1.0	8.4	8.8	--	--	ND	--	--	--	--	--	--
Composite A[1]	5/23/2013	0-1.0	--	--	--	--	--	--	ND<2.0	9.2	7.2	67	9.2	ND
Composite B[2]	5/23/2013	0-1.0	--	--	--	--	--	--	12	10	1.5	19	1.2	ND
Composite C[3]	5/23/2013	0-1.0	--	--	--	--	--	--	ND<2.0	ND<2.0	ND<1.0	ND<8.5	ND<1.0	ND
Composite D[4]	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	--	--	--	--
Composite E[5]	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	--	--	--	--
Composite F[6]	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	--	--	--	--
Residential ESLs			100	100	500	NA	NA	NA	1,700	1,700	NE	440	NE	NA
Commercial/Industrial ESLs			500	500	2,500	NA	NA	NA	4,000	4,000	NE	950	NE	NA

Notes:

TPH = Total Petroleum Hydrocarbons by EPA Method 8015B

PCBs = Polychlorinated Biphenyls by EPA Method 8082

PAHs = Polynuclear Aromatic Hydrocarbons by EPA Method 8270-SIM

VOCs = volatile organic compounds analyzed by EPA Method 8260B

OCPs = Organochlorinated pesticides analyzed by EPA Method 8081

ESLs = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels - Shallow Soils(3m bgs) - Where Groundwater **IS** a current or potential source of drinking water (May 2013, Table A)

mg/kg – milligrams per kilogram

µg/kg – micrograms per kilogram

1 - Composite A was composited by the laboratory from soil samples G1-0-1, G2-0-1, and G3-0-1

2 - Composite B was composited by the laboratory from soil samples G4-0-1, G5-0-1, and G6-0-1

3 - Composite C was composited by the laboratory from soil samples G7-0-1, G8-0-1, and G9-0-1

4 - Composite A was composited by the laboratory from soil samples G1-1-2, G2-1-2, and G3-1-2

5 - Composite B was composited by the laboratory from soil samples G4-1-2, G5-1-2, and G6-1-2

6 - Composite C was composited by the laboratory from soil samples G7-1-2, G8-1-2, and G9-1-2

Bold indicates the concentration is above the residential ESL

Shaded indicates the concentration is above the commercial/industrial ESL

-- - Not Analyzed

NA - Not Applicable

NE - Not Established

bgs – below ground surface

ND - Not detected above various laboratory detection limits

<X indicates concentration not detected above the laboratory detection limits of X

TABLE 2 - SOIL SAMPLE ANALYTICAL RESULTS FOR TITLE 22 METALS

Sample ID	Date Sample Collected	Sample Depth (feet bgs)	Analytical Results (mg/kg)																
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Composite 1[1]	5/23/2013	0-1.0	ND<2.0	**3.4**	130	ND<1.0	ND<1.0	27	7.9	17	59	ND<0.10	ND<1.0	33	ND<1.0	ND<1.0	ND<1.0	21	44
Composite 2[2]	5/23/2013	0-1.0	ND<2.0	**4.1**	120	ND<1.0	ND<1.0	3.2	8.5	17	8.2	ND<0.10	ND<1.0	38	ND<1.0	ND<1.0	ND<1.0	25	40
G1-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	21	--	--	--	--	--	--	--	--
G1-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
G2-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	1.4	--	--	--	--	--	--	--	--
G2-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
G3-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	14	--	--	--	--	--	--	--	--
G3-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
G4-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	44	--	--	--	--	--	--	--	--
G4-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
G5-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	27	--	--	--	--	--	--	--	--
G5-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
G6-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	15	--	--	--	--	--	--	--	--
G6-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
G7-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	37	--	--	--	--	--	--	--	--
G7-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
G8-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	17	--	--	--	--	--	--	--	--
G8-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
G9-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	4.7	--	--	--	--	--	--	--	--
G9-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L1-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	78	--	--	--	--	--	--	--	--
L1-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L2-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	37	--	--	--	--	--	--	--	--
L2-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L3-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	9.7	--	--	--	--	--	--	--	--
L3-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L4-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	70	--	--	--	--	--	--	--	--
L4-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L5-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	16	--	--	--	--	--	--	--	--
L5-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L6-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	47	--	--	--	--	--	--	--	--
L6-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L7-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	26	--	--	--	--	--	--	--	--
L7-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L8-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	70	--	--	--	--	--	--	--	--
L8-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L9-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	51	--	--	--	--	--	--	--	--
L9-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L10-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	**420**	--	--	--	--	--	--	--	--
L10-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	13	--	--	--	--	--	--	--	--
L11-0-1	5/23/2013	0-1.0	--	--	--	--	--	--	--	--	7.3	--	--	--	--	--	--	--	--
L11-1-2	5/23/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L12-0-1	6/13/2013	0-1.0	--	--	--	--	--	--	--	--	34	--	--	--	--	--	--	--	--
L12-1-2	6/13/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L13-0-1	6/13/2013	0-1.0	--	--	--	--	--	--	--	--	**100**	--	--	--	--	--	--	--	--
L13-1-2	6/13/2013	1.0-2.0	--	--	--	--	--	--	--	--	18	--	--	--	--	--	--	--	--
L14-0-1	6/13/2013	0-1.0	--	--	--	--	--	--	--	--	12	--	--	--	--	--	--	--	--
L14-1-2	6/13/2013	1.0-2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Residential ESLs			20	0.39	750	4	12	NE	23	230	80	6.7	40	150	10	20	0.78	200	600
Commercial/Industrial ESLs			40	0.96	1,500	8	12	NE	80	230	320	10	40	150	10	40	10	200	600
Background Concentrations[3]			0.6	3.5	509	1.28	0.36	122	14.9	28.7	48.5	0.26	1.3	57	0.058	0.8	0.56	112	149

Notes:

Metals analyzed by EPA Method 6010B except mercury which was analyzed by EPA Method 7471.

[1]Composite 1 was composited by the laboratory from soil samples CP1-0-1, CP2-0-1, CP3-0-1, and CP4-0-1

[2]Composite 2 was composited by the laboratory from soil samples OG1-0-1, OG2-0-1, OG3-0-1, and OG4-0-1

ESLs = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels - Shallow Soils (≤3m bgs) - Where Groundwater **IS** a current or potential source of drinking water (May 2013, Table A)

[3]Background concentrations taken from Kearney Foundation of Soil Science, *Background Concentrations of Trace and Major Elements in California Soils* , dated March 1996

Bold indicates the concentration is above the residential ESL

Shaded indicates the concentration is above the commercial/industrial ESL

mg/kg – milligrams per kilogram

-- - Not Analyzed

NE - Not Established

bgs – below ground surface

ND<X indicates concentration not detected above the laboratory detection limits of X

Ninyo & Moore

TABLE 3 - GROUNDWATER SAMPLE ANALYTICAL RESULTS FOR TOTAL PETROLEUM HYDROCARBONS AND VOLATILE ORGANIC COMPOUNDS

Sample ID	Date Sample Collected	Sample Depth (feet bgs)	TPH (mg/l)			VOCs (µg/l)
			TPH as gasoline	TPH as diesel	TPH as motor oil	All VOCs
OG2-GW	5/23/2013	8.0	ND<0.05	0.07	ND<0.06	ND
CP2-GW	5/23/2013	6.0	ND<0.05	0.09	ND<0.06	ND
ESLs			0.10	0.10	0.10	NA

Notes:

TPH = Total Petroleum Hydrocarbons by EPA Method 8015B

VOCs = volatile organic compounds analyzed by EPA Method 8260B

ESLs = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels - Where Groundwater **IS** a current or potential source of drinking water (May 2013, Table A)

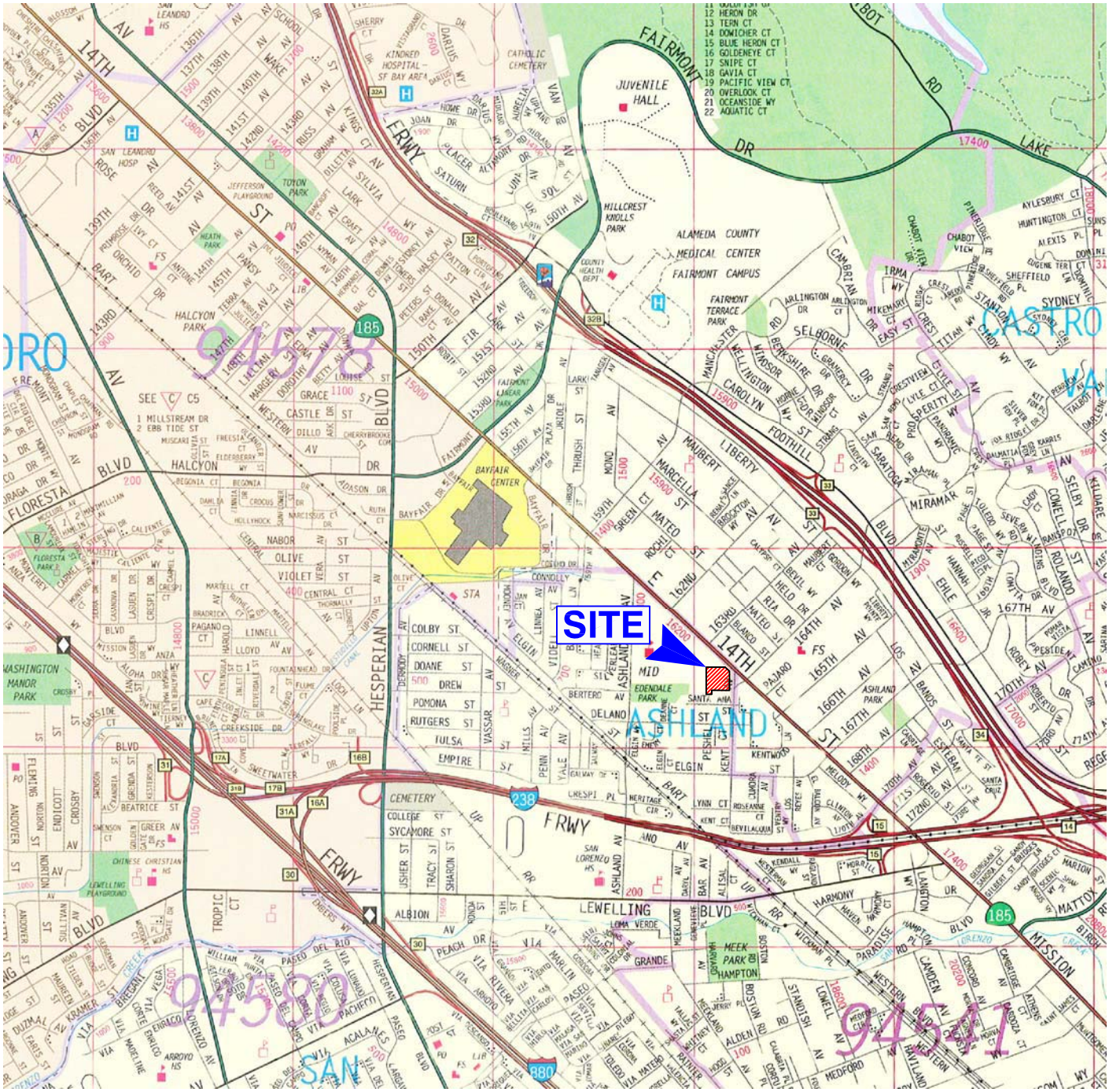
mg/l – milligrams per liter

µg/l – micrograms per liter

NA - Not Applicable

bgs – below ground surface

ND<X indicates concentration not detected above the laboratory detection limits of X



REFERENCE: METRO AREAS OF ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO, AND SANTA CLARA COUNTIES, THOMAS GUIDE, 2008.

N

SCALE IN FEET

0 2,000 4,000

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore	SITE LOCATION	FIGURE
PROJECT NO. 402090002 / DATE 7/13	ASHLAND HOUSING PROJECT 16305,16309,16325,16327,16331, AND 16333 KENT AVENUE AND 16375 EAST 14TH STREET ASHLAND, CALIFORNIA	1

402090002-SL.dwg, Jul 08, 2013, 3:53pm, SN

REFERENCE: GOOGLE EARTH IMAGERY, 2013.

N

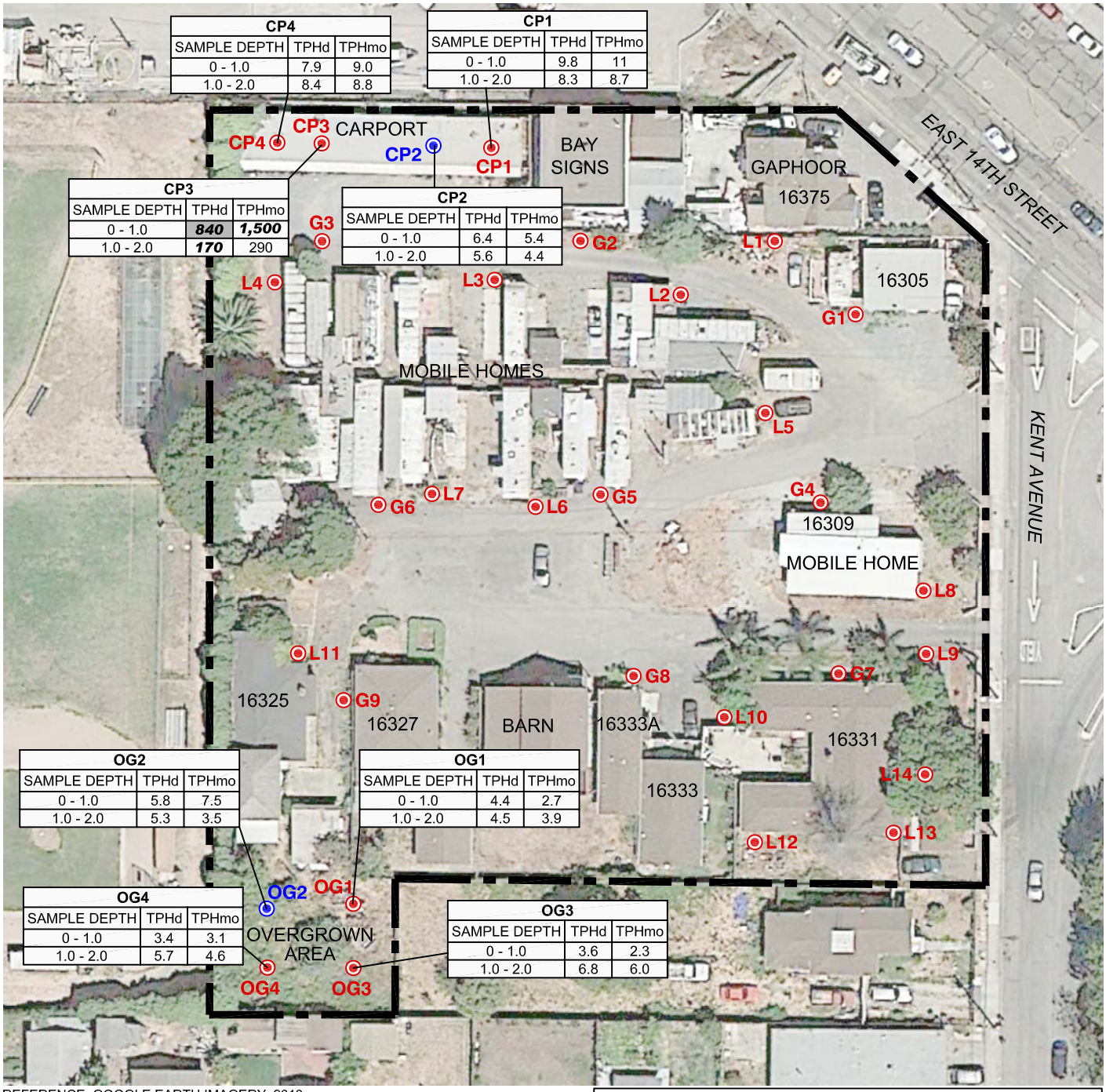
SCALE IN FEET

0 60 120

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

LEGEND	
	SITE BOUNDARY
CP4	SOIL SAMPLE LOCATION
CP2	SOIL AND GROUNDWATER SAMPLE LOCATION

Ninyo & Moore	SAMPLE LOCATIONS	FIGURE
PROJECT NO. 402090002 / DATE 7/13	ASHLAND HOUSING PROJECT 16305,16309,16325,16327,16331, AND 16333 KENT AVENUE AND 16375 EAST 14TH STREET ASHLAND, CALIFORNIA	2



CP4		
SAMPLE DEPTH	TPHd	TPHmo
0 - 1.0	7.9	9.0
1.0 - 2.0	8.4	8.8

CP1		
SAMPLE DEPTH	TPHd	TPHmo
0 - 1.0	9.8	11
1.0 - 2.0	8.3	8.7

CP3		
SAMPLE DEPTH	TPHd	TPHmo
0 - 1.0	***840***	***1,500***
1.0 - 2.0	***170***	290

CP2		
SAMPLE DEPTH	TPHd	TPHmo
0 - 1.0	6.4	5.4
1.0 - 2.0	5.6	4.4

OG2		
SAMPLE DEPTH	TPHd	TPHmo
0 - 1.0	5.8	7.5
1.0 - 2.0	5.3	3.5

OG1		
SAMPLE DEPTH	TPHd	TPHmo
0 - 1.0	4.4	2.7
1.0 - 2.0	4.5	3.9

OG4		
SAMPLE DEPTH	TPHd	TPHmo
0 - 1.0	3.4	3.1
1.0 - 2.0	5.7	4.6

OG3		
SAMPLE DEPTH	TPHd	TPHmo
0 - 1.0	3.6	2.3
1.0 - 2.0	6.8	6.0

REFERENCE: GOOGLE EARTH IMAGERY, 2013.

N

SCALE IN FEET

0 60 120

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

LEGEND

- SITE BOUNDARY
- CP4 SOIL SAMPLE LOCATION
- CP2 SOIL AND GROUNDWATER SAMPLE LOCATION
- TPHd TOTAL PETROLEUM HYDROCARBONS AS DIESEL
- TPHmo TOTAL PETROLEUM HYDROCARBONS AS MOTOR OIL
- SHADED INDICATES THE CONCENTRATION IS ABOVE ESL FOR COMMERCIAL/INDUSTRIAL LAND USE
- ***BOLD*** BOLD INDICATES THE CONCENTRATION IS ABOVE ESL FOR RESIDENTIAL LAND USE
- ESLs REGIONAL WATER QUALITY CONTROL BOARD ENVIRONMENTAL SCREENING LEVELS (MAY 2013, TABLE A)
- DEPTH IN FEET BELOW GROUND SURFACE

Ninyo & Moore

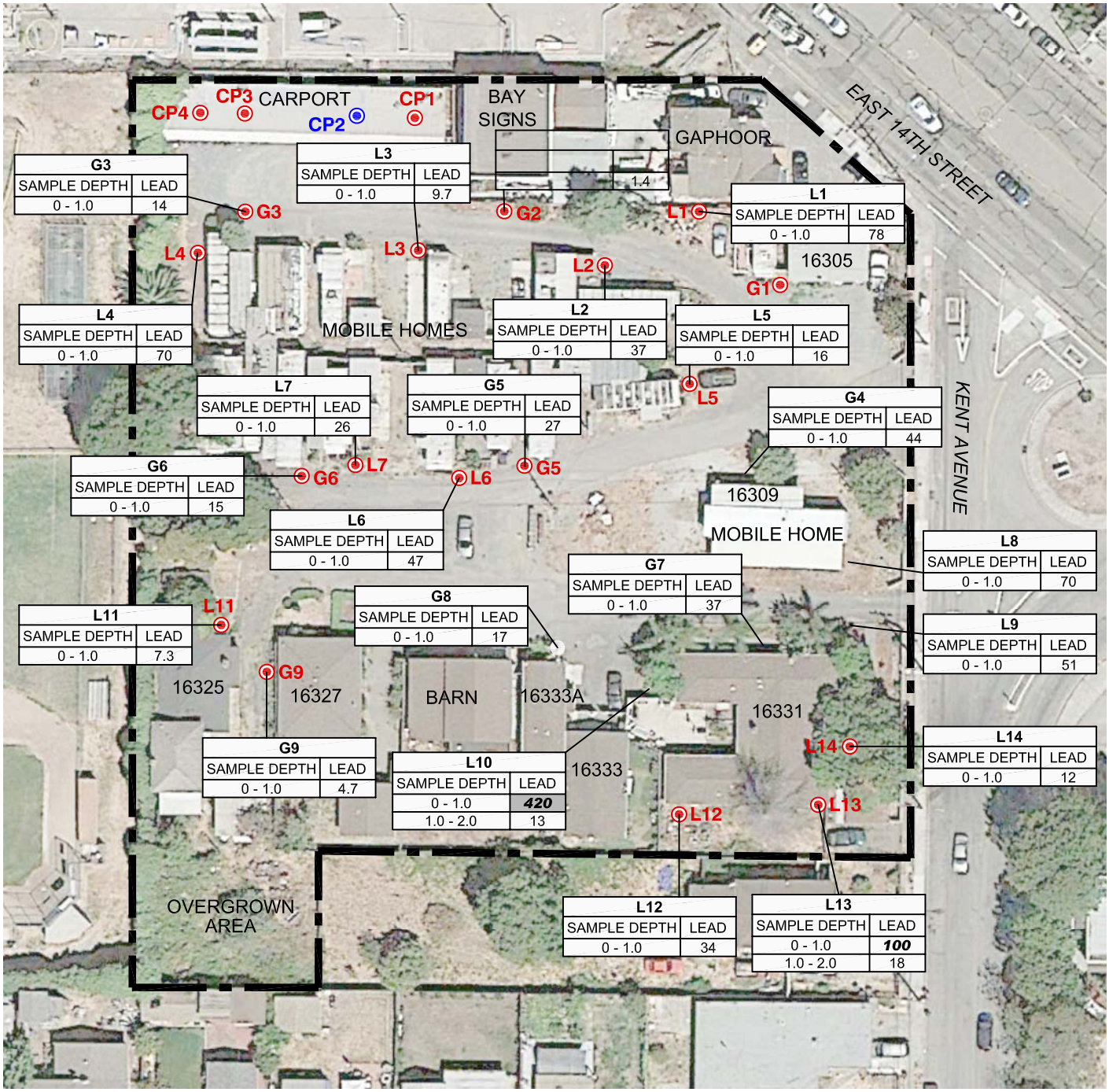
TPHd AND TPHmo CONCENTRATIONS IN SOIL

FIGURE 3

PROJECT NO.	DATE
402090002	7/13

ASHLAND HOUSING PROJECT
16305,16309,16325,16327,16331, AND 16333 KENT AVENUE AND 16375 EAST 14TH STREET
ASHLAND, CALIFORNIA

402090002-TPH.dwg, Jul 08, 2013, 3:50pm, SN



REFERENCE: GOOGLE EARTH IMAGERY, 2013.

N

SCALE IN FEET

0 60 120

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

LEGEND

- SITE BOUNDARY
- CP4 SOIL SAMPLE LOCATION
- CP2 SOIL AND GROUNDWATER SAMPLE LOCATION
- SHADED INDICATES THE CONCENTRATION IS ABOVE ESL FOR COMMERCIAL/INDUSTRIAL LAND USE
- ***BOLD*** BOLD INDICATES THE CONCENTRATION IS ABOVE ESL FOR RESIDENTIAL LAND USE
- ESLs REGIONAL WATER QUALITY CONTROL BOARD ENVIRONMENTAL SCREENING LEVELS (MAY 2013, TABLE A)
- DEPTH IN FEET BELOW GROUND SURFACE

Ninyo & Moore

PROJECT NO.	DATE
402090002	7/13

LEAD CONCENTRATIONS IN SOIL

ASHLAND HOUSING PROJECT
16305,16309,16325,16327,16331, AND 16333 KENT AVENUE AND 16375 EAST 14TH STREET
ASHLAND, CALIFORNIA

FIGURE

4

APPENDIX A

BORING LOGS

BORING LOG EXPLANATION SHEET

DEPTH (feet)	SAMPLES: Bulk	SAMPLES: Driven	BLOWS/FOOT	MOISTURE (%)	DRY DENSITY (PCF)	SYMBOL	CLASSIFICATION U.S.C.S.	
0	■							Bulk sample.
		■						Modified split-barrel drive sampler.
		⊠						No recovery with modified split-barrel drive sampler.
		▥						Sample retained by others.
		◪						Standard Penetration Test (SPT).
5		◫						No recovery with a SPT.
		▯	XX/XX					Shelby tube sample. Distance pushed in inches/length of sample recovered in inches.
		◪						No recovery with Shelby tube sampler.
		▥						Continuous Push Sample.
				⚲				Seepage.
10				▽				Groundwater encountered during drilling.
				▼				Groundwater measured after drilling.
						▦	SM	ALLUVIUM: Solid line denotes unit change.
								Dashed line denotes material change.
								Attitudes: Strike/Dip b: Bedding c: Contact j: Joint f: Fracture F: Fault cs: Clay Seam s: Shear bss: Basal Slide Surface sf: Shear Fracture sz: Shear Zone sbs: Sheared Bedding Surface
15								
								The total depth line is a solid line that is drawn at the bottom of the boring.
20								

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BORING LOG

EXPLANATION OF BORING LOG SYMBOLS

PROJECT NO.	DATE	FIGURE
	Rev. 01/03	

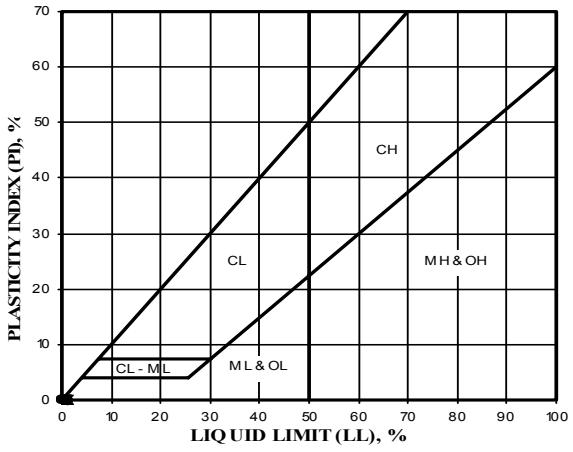
U.S.C.S. METHOD OF SOIL CLASSIFICATION

MAJOR DIVISIONS		SYMBOL	TYPICAL NAMES
COARSE-GRAINED SOILS (More than 1/2 of soil >No. 200 sieve size)	**GRAVELS (More than 1/2 of coarse fraction > No. 4 sieve size)**	GW	Well graded gravels or gravel-sand mixtures, little or no fines
		GP	Poorly graded gravels or gravel-sand mixtures, little or no fines
		GM	Silty gravels, gravel-sand-silt mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
	SANDS (More than 1/2 of coarse fraction <No. 4 sieve size)	SW	Well graded sands or gravelly sands, little or no fines
		SP	Poorly graded sands or gravelly sands, little or no fines
		SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures
FINE-GRAINED SOILS (More than 1/2 of soil <No. 200 sieve size)	**SILTS & CLAYS Liquid Limit <50**	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean
		OL	Organic silts and organic silty clays of low plasticity
	SILTS & CLAYS Liquid Limit >50	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
		CH	Inorganic clays of high plasticity, fat clays
		OH	Organic clays of medium to high plasticity, organic silty clays, organic silts
HIGHLY ORGANIC SOILS		Pt	Peat and other highly organic soils

GRAIN SIZE CHART

CLASSIFICATION	RANGE OF GRAIN SIZE	
	U.S. Standard Sieve Size	Grain Size in Millimeters
BOULDERS	Above 12"	Above 305
COBBLES	12" to 3"	305 to 76.2
GRAVEL	3" to No. 4	76.2 to 4.76
Coarse	3" to 3/4"	76.2 to 19.1
Fine	3/4" to No. 4	19.1 to 4.76
SAND	No. 4 to No. 200	4.76 to 0.075
Coarse	No. 4 to No. 10	4.76 to 2.00
Medium	No. 10 to No. 40	2.00 to 0.420
Fine	No. 40 to No. 200	0.420 to 0.075
SILT & CLAY	Below No. 200	Below 0.075

PLASTICITY CHART



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U.S.C.S. METHOD OF SOIL CLASSIFICATION

DATE DRILLED 5-23-13 BORING NO. OG2

GROUND ELEVATION 43' ± MSL SHEET 1 OF 1

METHOD OF DRILLING Direct Push/Hand Auger

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY SFP LOGGED BY SFP REVIEWED BY KML

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	BLOWS/FOOT	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0						0		SC	ALLUVIUM: Dark brown, moist, clayey SAND; fine to coarse grained, few silt.
						0			
								CL	Light brown, moist, sandy CLAY.
5				▽		0			Wet.
10						0			Total Depth = 10 feet bgs. Groundwater encountered at 6 feet bgs. Boring was tremie grouted from the total depth to the surface.
15									
20									

Ninyo & Moore

BORING LOG

16309-16331 KENT AVENUE
ASHLAND, CALIFORNIA

PROJECT NO.	DATE	FIGURE
402090002	7/13	

DATE DRILLED 5-23-13 BORING NO. CP2

GROUND ELEVATION 43' ± MSL SHEET 1 OF 1

METHOD OF DRILLING Direct Push

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY SFP LOGGED BY SFP REVIEWED BY KML

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	BLOWS/FOOT	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0						0		CL	ALLUVIUM: Dark brown, moist, silty sandy CLAY; trace gravel.
						0			
									Light brown, moist sandy CLAY.
5						0			
				▽		0			Wet.
10									
						0			
						0			Dark brown.
15									Total Depth = 15 feet bgs. Groundwater encountered at 8 feet bgs. Boring was tremie grouted from the total depth to the surface.
20									

Ninyo & Moore

BORING LOG

16309-16331 KENT AVENUE
ASHLAND, CALIFORNIA

PROJECT NO.	DATE	FIGURE
402090002	7/13	

APPENDIX B

DRILLING PERMIT

Alameda County Public Works Agency - Water Resources Well Permit

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

Application Approved on: 05/17/2013 By jamesy

Permit Numbers: W2013-0379
Permits Valid from 05/23/2013 to 05/23/2013

Application Id: 1368724770012
City of Project Site: San Lorenzo
Site Location: 16305-16375 Kent Avenue, San Lorenzo
Project Start Date: 05/23/2013
Completion Date: 05/23/2013
Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

Applicant: Ninyo & Moore - Peter Sims
1956 Wesbter St Ste 400, Oakland, CA 94612
Phone: 510-343-3000

Property Owner: Thomas M Eplin
3549 East Ave, Hayward, CA 94542
Phone: --

Client: ** same as Property Owner **

	Total Due:	$265.00
Receipt Number: WR2013-0179	**Total Amount Paid:**	$265.00
Payer Name : Ninyo & Moore	Paid By: CHECK	**PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 28 Boreholes
Driller: Penecore - Lic #: 906899 - Method: Hand

Work Total: $265.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2013-0379	05/17/2013	08/21/2013	28	2.00 in.	10.00 ft

Specific Work Permit Conditions

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

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

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

4. Applicant shall contact Steve Miller for an inspection time at (510) 670-5517 or email to stevem@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

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

6. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and

coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

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

APPENDIX C

LABORATORY ANALYTICAL REPORT

ADVANCED TECHNOLOGY LABORATORIES

June 04, 2013

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No.: T104704502

Peter Sims
Ninyo & Moore
1956 Webster Street, Suite 400
Oakland, CA 94612
Tel: (510) 633-5640
Fax:(510) 633-5646

Re: ATL Work Order Number : 1301538

Client Reference : Kent Ave, 402090002

Enclosed are the results for sample(s) received on May 24, 2013 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
OG1-0-1	1301538-01	Soil	5/23/13 10:10	5/24/13 8:30
OG2-0-1	1301538-02	Soil	5/23/13 9:40	5/24/13 8:30
OG3-0-1	1301538-03	Soil	5/23/13 9:50	5/24/13 8:30
OG4-0-1	1301538-04	Soil	5/23/13 10:00	5/24/13 8:30
OG1-1-2	1301538-05	Soil	5/23/13 10:15	5/24/13 8:30
OG2-1-2	1301538-06	Soil	5/23/13 9:45	5/24/13 8:30
OG3-1-2	1301538-07	Soil	5/23/13 9:55	5/24/13 8:30
OG4-1-2	1301538-08	Soil	5/23/13 10:05	5/24/13 8:30
OG2-GW	1301538-09	Groundwater	5/23/13 10:40	5/24/13 8:30
CP1-0-1	1301538-10	Soil	5/23/13 7:45	5/24/13 8:30
CP2-0-1	1301538-11	Soil	5/23/13 8:20	5/24/13 8:30
CP3-0-1	1301538-12	Soil	5/23/13 8:10	5/24/13 8:30
CP4-0-1	1301538-13	Soil	5/23/13 7:55	5/24/13 8:30
CP1-1-2	1301538-14	Soil	5/23/13 7:50	5/24/13 8:30
CP2-1-2	1301538-15	Soil	5/23/13 8:25	5/24/13 8:30
CP3-1-2	1301538-16	Soil	5/23/13 8:15	5/24/13 8:30
CP4-1-2	1301538-17	Soil	5/23/13 8:00	5/24/13 8:30
CP2-GW	1301538-18	Groundwater	5/23/13 10:30	5/24/13 8:30
G1-0-1	1301538-19	Soil	5/23/13 9:10	5/24/13 8:30
G2-0-1	1301538-20	Soil	5/23/13 9:00	5/24/13 8:30
G3-0-1	1301538-21	Soil	5/23/13 8:40	5/24/13 8:30
G4-0-1	1301538-22	Soil	5/23/13 12:50	5/24/13 8:30
G5-0-1	1301538-23	Soil	5/23/13 11:50	5/24/13 8:30
G6-0-1	1301538-24	Soil	5/23/13 12:00	5/24/13 8:30
G7-0-1	1301538-25	Soil	5/23/13 12:25	5/24/13 8:30
G8-0-1	1301538-26	Soil	5/23/13 12:15	5/24/13 8:30
G9-0-1	1301538-27	Soil	5/23/13 12:10	5/24/13 8:30
L11-0-1	1301538-28	Soil	5/23/13 12:05	5/24/13 8:30
L1-0-1	1301538-39	Soil	5/23/13 9:15	5/24/13 8:30
L2-0-1	1301538-40	Soil	5/23/13 9:05	5/24/13 8:30
L3-0-1	1301538-41	Soil	5/23/13 8:50	5/24/13 8:30
L4-0-1	1301538-42	Soil	5/23/13 8:30	5/24/13 8:30
L5-0-1	1301538-43	Soil	5/23/13 11:30	5/24/13 8:30
L6-0-1	1301538-44	Soil	5/23/13 11:40	5/24/13 8:30
L7-0-1	1301538-45	Soil	5/23/13 11:55	5/24/13 8:30
L8-0-1	1301538-46	Soil	5/23/13 12:40	5/24/13 8:30
L9-0-1	1301538-47	Soil	5/23/13 12:30	5/24/13 8:30

Certificate of Analysis

Ninyo & Moore	Project Number :	Kent Ave, 402090002	
1956 Webster Street, Suite 400	Report To :	Peter Sims	
Oakland , CA 94612	Reported :	06/04/2013	

L10-0-1	1301538-48	Soil	5/23/13 12:20	5/24/13 8:30
Composite 2	1301538-59	Soil	5/23/13 0:00	5/24/13 8:30
Composite 1	1301538-60	Soil	5/23/13 0:00	5/24/13 8:30
Composite A	1301538-61	Soil	5/23/13 0:00	5/24/13 8:30
Composite B	1301538-62	Soil	5/23/13 0:00	5/24/13 8:30
Composite C	1301538-63	Soil	5/23/13 0:00	5/24/13 8:30
Composite D	1301538-64	Soil	5/23/13 0:00	5/24/13 8:30
Composite E	1301538-65	Soil	5/23/13 0:00	5/24/13 8:30
Composite F	1301538-66	Soil	5/23/13 0:00	5/24/13 8:30

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG1-0-1

Lab ID: 1301538-01

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 12:36	
Surrogate: 4-Bromofluorobenzene	*96.7 %*	*54 - 150*			B3E0556	05/28/2013	*05/28/13 12:36*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**4.4**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 11:44	
ORO	**2.7**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 11:44	
Surrogate: p-Terphenyl	*74.4 %*	*33 - 147*			B3E0636	05/30/2013	*05/30/13 11:44*	

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,1-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
2-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG1-0-1

Lab ID: 1301538-01

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Benzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Bromobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Bromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Bromodichloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Bromoform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Bromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Carbon disulfide	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Carbon tetrachloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Chlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Chloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Chloroform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Chloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Di-isopropyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Dibromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Dibromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Ethyl Acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Ethyl Ether	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Ethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Freon-113	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Isopropylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
m,p-Xylene	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Methylene chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
MTBE	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
n-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
n-Propylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Naphthalene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
o-Xylene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
sec-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Styrene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG1-0-1

Lab ID: 1301538-01

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
tert-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Tetrachloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Toluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Trichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Vinyl acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Vinyl chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:32	
Surrogate: 1,2-Dichloroethane-d4	*117 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 15:32*	
Surrogate: 4-Bromofluorobenzene	*96.7 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 15:32*	
Surrogate: Dibromofluoromethane	*121 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 15:32*	
Surrogate: Toluene-d8	*97.7 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 15:32*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG2-0-1

Lab ID: 1301538-02

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 12:55	
Surrogate: 4-Bromofluorobenzene	*99.2 %*	*54 - 150*			B3E0556	05/28/2013	*05/28/13 12:55*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**5.8**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 15:21	
ORO	**7.5**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 15:21	
Surrogate: p-Terphenyl	*75.4 %*	*33 - 147*			B3E0636	05/30/2013	*05/30/13 15:21*	

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,1-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
2-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG2-0-1

Lab ID: 1301538-02

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Benzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Bromobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Bromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Bromodichloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Bromoform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Bromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Carbon disulfide	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Carbon tetrachloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Chlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Chloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Chloroform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Chloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Di-isopropyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Dibromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Dibromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Ethyl Acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Ethyl Ether	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Ethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Freon-113	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Isopropylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
m,p-Xylene	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Methylene chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
MTBE	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
n-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
n-Propylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Naphthalene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
o-Xylene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
sec-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Styrene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG2-0-1

Lab ID: 1301538-02

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
tert-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Tetrachloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Toluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Trichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Vinyl acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Vinyl chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 15:51	
Surrogate: 1,2-Dichloroethane-d4	*120 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 15:51*	
Surrogate: 4-Bromofluorobenzene	*93.1 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 15:51*	
Surrogate: Dibromofluoromethane	*117 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 15:51*	
Surrogate: Toluene-d8	*97.6 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 15:51*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG3-0-1

Lab ID: 1301538-03

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 13:13	
Surrogate: 4-Bromofluorobenzene	*94.2 %*	*54 - 150*			B3E0556	05/28/2013	*05/28/13 13:13*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**3.6**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 12:00	
ORO	**2.3**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 12:00	
Surrogate: p-Terphenyl	*73.8 %*	*33 - 147*			B3E0636	05/30/2013	*05/30/13 12:00*	

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,1-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
2-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG3-0-1

Lab ID: 1301538-03

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Benzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Bromobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Bromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Bromodichloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Bromoform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Bromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Carbon disulfide	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Carbon tetrachloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Chlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Chloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Chloroform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Chloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Di-isopropyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Dibromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Dibromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Ethyl Acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Ethyl Ether	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Ethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Freon-113	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Isopropylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
m,p-Xylene	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Methylene chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
MTBE	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
n-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
n-Propylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Naphthalene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
o-Xylene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
sec-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Styrene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG3-0-1

Lab ID: 1301538-03

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
tert-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Tetrachloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Toluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Trichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Vinyl acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Vinyl chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:09	
Surrogate: 1,2-Dichloroethane-d4	*116 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 16:09*	
Surrogate: 4-Bromofluorobenzene	*92.0 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 16:09*	
Surrogate: Dibromofluoromethane	*119 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 16:09*	
Surrogate: Toluene-d8	*97.6 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 16:09*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG4-0-1

Lab ID: 1301538-04

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 13:32	
Surrogate: 4-Bromofluorobenzene	*100 %*		*54 - 150*		B3E0556	05/28/2013	*05/28/13 13:32*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**3.4**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 13:57	
ORO	**3.1**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 13:57	
Surrogate: p-Terphenyl	*73.4 %*		*33 - 147*		B3E0636	05/30/2013	*05/30/13 13:57*	

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,1-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
2-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG4-0-1

Lab ID: 1301538-04

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Benzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Bromobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Bromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Bromodichloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Bromoform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Bromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Carbon disulfide	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Carbon tetrachloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Chlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Chloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Chloroform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Chloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Di-isopropyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Dibromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Dibromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Ethyl Acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Ethyl Ether	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Ethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Freon-113	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Isopropylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
m,p-Xylene	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Methylene chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
MTBE	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
n-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
n-Propylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Naphthalene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
o-Xylene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
sec-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Styrene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	

Certificate of Analysis

Ninyo & Moore		Project Number :	Kent Ave, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/04/2013

Client Sample ID OG4-0-1

Lab ID: 1301538-04

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
tert-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Tetrachloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Toluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Trichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Vinyl acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Vinyl chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:28	
Surrogate: 1,2-Dichloroethane-d4	*120 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 16:28*	
Surrogate: 4-Bromofluorobenzene	*94.4 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 16:28*	
Surrogate: Dibromofluoromethane	*122 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 16:28*	
Surrogate: Toluene-d8	*96.9 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 16:28*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG1-1-2
Lab ID: 1301538-05

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 13:51	
Surrogate: 4-Bromofluorobenzene	*93.0 %*	*54 - 150*			B3E0556	05/28/2013	*05/28/13 13:51*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**4.5**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 12:50	
ORO	**3.9**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 12:50	
Surrogate: p-Terphenyl	*77.5 %*	*33 - 147*			B3E0636	05/30/2013	*05/30/13 12:50*	

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,1-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
2-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG1-1-2

Lab ID: 1301538-05

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Benzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Bromobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Bromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Bromodichloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Bromoform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Bromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Carbon disulfide	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Carbon tetrachloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Chlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Chloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Chloroform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Chloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Di-isopropyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Dibromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Dibromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Ethyl Acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Ethyl Ether	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Ethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Freon-113	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Isopropylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
m,p-Xylene	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Methylene chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
MTBE	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
n-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
n-Propylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Naphthalene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
o-Xylene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
sec-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Styrene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG1-1-2

Lab ID: 1301538-05

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
tert-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Tetrachloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Toluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Trichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Vinyl acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Vinyl chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 16:47	
Surrogate: 1,2-Dichloroethane-d4	*120 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 16:47*	
Surrogate: 4-Bromofluorobenzene	*89.8 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 16:47*	
Surrogate: Dibromofluoromethane	*124 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 16:47*	
Surrogate: Toluene-d8	*94.0 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 16:47*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG2-1-2

Lab ID: 1301538-06

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 14:09	
Surrogate: 4-Bromofluorobenzene	*106 %*	*54 - 150*			B3E0556	05/28/2013	*05/28/13 14:09*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**5.3**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 12:17	
ORO	**3.5**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 12:17	
Surrogate: p-Terphenyl	*103 %*	*33 - 147*			B3E0636	05/30/2013	*05/30/13 12:17*	

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,1-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
2-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG2-1-2

Lab ID: 1301538-06

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Benzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Bromobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Bromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Bromodichloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Bromoform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Bromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Carbon disulfide	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Carbon tetrachloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Chlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Chloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Chloroform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Chloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Di-isopropyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Dibromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Dibromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Ethyl Acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Ethyl Ether	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Ethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Freon-113	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Isopropylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
m,p-Xylene	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Methylene chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
MTBE	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
n-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
n-Propylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Naphthalene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
o-Xylene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
sec-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Styrene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG2-1-2

Lab ID: 1301538-06

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
tert-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Tetrachloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Toluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Trichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Vinyl acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Vinyl chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:05	
Surrogate: 1,2-Dichloroethane-d4	*128 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 17:05*	
Surrogate: 4-Bromofluorobenzene	*92.8 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 17:05*	
Surrogate: Dibromofluoromethane	*129 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 17:05*	
Surrogate: Toluene-d8	*98.8 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 17:05*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG3-1-2

Lab ID: 1301538-07

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 15:04	
Surrogate: 4-Bromofluorobenzene	*95.1 %*	*54 - 150*			B3E0556	05/28/2013	*05/28/13 15:04*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**6.8**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 13:07	
ORO	**6.0**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 13:07	
Surrogate: p-Terphenyl	*62.4 %*	*33 - 147*			B3E0636	05/30/2013	*05/30/13 13:07*	

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,1-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
2-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG3-1-2

Lab ID: 1301538-07

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Benzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Bromobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Bromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Bromodichloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Bromoform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Bromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Carbon disulfide	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Carbon tetrachloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Chlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Chloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Chloroform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Chloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Di-isopropyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Dibromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Dibromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Ethyl Acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Ethyl Ether	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Ethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Freon-113	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Isopropylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
m,p-Xylene	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Methylene chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
MTBE	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
n-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
n-Propylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Naphthalene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
o-Xylene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
sec-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Styrene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG3-1-2

Lab ID: 1301538-07

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
tert-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Tetrachloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Toluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Trichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Vinyl acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Vinyl chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:24	
Surrogate: 1,2-Dichloroethane-d4	*119 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 17:24*	
Surrogate: 4-Bromofluorobenzene	*91.6 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 17:24*	
Surrogate: Dibromofluoromethane	*121 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 17:24*	
Surrogate: Toluene-d8	*95.8 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 17:24*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG4-1-2

Lab ID: 1301538-08

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 15:23	
Surrogate: 4-Bromofluorobenzene	*96.4 %*	*54 - 150*			B3E0556	05/28/2013	*05/28/13 15:23*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**5.7**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 12:33	
ORO	**4.6**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 12:33	
Surrogate: p-Terphenyl	*76.9 %*	*33 - 147*			B3E0636	05/30/2013	*05/30/13 12:33*	

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,1-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
2-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG4-1-2

Lab ID: 1301538-08

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Benzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Bromobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Bromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Bromodichloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Bromoform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Bromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Carbon disulfide	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Carbon tetrachloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Chlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Chloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Chloroform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Chloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Di-isopropyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Dibromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Dibromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Ethyl Acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Ethyl Ether	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Ethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Freon-113	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Isopropylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
m,p-Xylene	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Methylene chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
MTBE	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
n-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
n-Propylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Naphthalene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
o-Xylene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
sec-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Styrene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG4-1-2

Lab ID: 1301538-08

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
tert-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Tetrachloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Toluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Trichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Vinyl acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Vinyl chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 17:43	
Surrogate: 1,2-Dichloroethane-d4	*126 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 17:43*	
Surrogate: 4-Bromofluorobenzene	*92.5 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 17:43*	
Surrogate: Dibromofluoromethane	*126 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 17:43*	
Surrogate: Toluene-d8	*98.3 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 17:43*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG2-GW
Lab ID: 1301538-09

Gasoline Range Organics by EPA 8015B

Analyst: SL

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	0.05	NA	1	B3E0597	05/29/2013	05/29/13 14:36	
Surrogate: 4-Bromofluorobenzene	*112 %*	*70 - 130*			B3E0597	05/29/2013	*05/29/13 14:36*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**0.07**	0.06	NA	1	B3E0573	05/28/2013	05/28/13 13:21	
ORO	ND	0.06	NA	1	B3E0573	05/28/2013	05/28/13 13:21	
Surrogate: p-Terphenyl	*94.9 %*	*38 - 151*			B3E0573	05/28/2013	*05/28/13 13:21*	

Volatile Organic Compounds by EPA 8260

Analyst: SL

Analyte	Result (ug/L)	PQL (ug/L)	MDL (ug/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,1,1-Trichloroethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,1,2,2-Tetrachloroethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,1,2-Trichloroethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,1-Dichloroethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,1-Dichloroethene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,1-Dichloropropene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,2,3-Trichloropropane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,2,3-Trichlorobenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,2,4-Trichlorobenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,2,4-Trimethylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,2-Dibromo-3-chloropropane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,2-Dibromoethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,2-Dichlorobenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,2-Dichloroethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,2-Dichloropropane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,3,5-Trimethylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,3-Dichlorobenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,3-Dichloropropane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
1,4-Dichlorobenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
2,2-Dichloropropane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
2-Chloroethyl vinyl ether	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG2-GW

Lab ID: 1301538-09

Volatile Organic Compounds by EPA 8260 **Analyst: SL**

Analyte	Result (ug/L)	PQL (ug/L)	MDL (ug/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2-Chlorotoluene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
4-Chlorotoluene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
4-Isopropyltoluene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Benzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Bromobenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Bromochloromethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Bromodichloromethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Bromoform	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Bromomethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Carbon disulfide	ND	1.0	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Carbon tetrachloride	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Chlorobenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Chloroethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Chloroform	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Chloromethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
cis-1,2-Dichloroethene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
cis-1,3-Dichloropropene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Di-isopropyl ether	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Dibromochloromethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Dibromomethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Dichlorodifluoromethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Ethyl Acetate	ND	10	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Ethyl Ether	ND	10	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Ethyl tert-butyl ether	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Ethylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Freon-113	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Hexachlorobutadiene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Isopropylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
m,p-Xylene	ND	1.0	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Methylene chloride	ND	1.0	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
MTBE	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
n-Butylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
n-Propylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Naphthalene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
o-Xylene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
sec-Butylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Styrene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID OG2-GW

Lab ID: 1301538-09

Volatile Organic Compounds by EPA 8260 **Analyst: SL**

Analyte	Result (ug/L)	PQL (ug/L)	MDL (ug/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Amyl methyl ether	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
tert-Butanol	ND	10	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
tert-Butylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Tetrachloroethene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Toluene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
trans-1,2-Dichloroethene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
trans-1,3-Dichloropropene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Trichloroethene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Trichlorofluoromethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Vinyl acetate	ND	10	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Vinyl chloride	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 16:40	
Surrogate: 1,2-Dichloroethane-d4	*104 %*	*70 - 130*			B3E0570	05/24/2013	*05/28/13 16:40*	
Surrogate: 4-Bromofluorobenzene	*75.5 %*	*70 - 130*			B3E0570	05/24/2013	*05/28/13 16:40*	
Surrogate: Dibromofluoromethane	*96.5 %*	*70 - 130*			B3E0570	05/24/2013	*05/28/13 16:40*	
Surrogate: Toluene-d8	*76.4 %*	*70 - 130*			B3E0570	05/24/2013	*05/28/13 16:40*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP1-0-1

Lab ID: 1301538-10

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 15:41	
Surrogate: 4-Bromofluorobenzene	*92.4 %*		*54 - 150*		B3E0556	05/28/2013	*05/28/13 15:41*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**9.8**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 15:54	
ORO	**11**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 15:54	
Surrogate: p-Terphenyl	*99.3 %*		*33 - 147*		B3E0636	05/30/2013	*05/30/13 15:54*	

Polychlorinated Biphenyls by EPA 8082

Analyst: MR

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Aroclor 1016	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:17	
Aroclor 1221	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:17	
Aroclor 1232	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:17	
Aroclor 1242	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:17	
Aroclor 1248	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:17	
Aroclor 1254	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:17	
Aroclor 1260	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:17	
Aroclor 1262	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:17	
Aroclor 1268	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:17	
Surrogate: Decachlorobiphenyl	*111 %*		*39 - 128*		B3E0642	05/30/2013	*05/30/13 15:17*	
Surrogate: Tetrachloro-m-xylene	*106 %*		*38 - 122*		B3E0642	05/30/2013	*05/30/13 15:17*	

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP1-0-1

Lab ID: 1301538-10

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
2-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
4-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Benzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Bromobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Bromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Bromodichloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Bromoform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Bromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Carbon disulfide	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Carbon tetrachloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Chlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Chloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Chloroform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Chloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Di-isopropyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Dibromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Dibromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP1-0-1

Lab ID: 1301538-10

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Ethyl Acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Ethyl Ether	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Ethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Freon-113	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Isopropylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
m,p-Xylene	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Methylene chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
MTBE	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
n-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
n-Propylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Naphthalene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
o-Xylene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
sec-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Styrene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
tert-Butanol	ND	100	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
tert-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Tetrachloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Toluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Trichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Vinyl acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Vinyl chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:01	
Surrogate: 1,2-Dichloroethane-d4	*131 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:01*	S1
Surrogate: 4-Bromofluorobenzene	*88.2 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:01*	
Surrogate: Dibromofluoromethane	*126 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:01*	
Surrogate: Toluene-d8	*97.7 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:01*	

Certificate of Analysis

Ninyo & Moore		Project Number :	Kent Ave, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/04/2013

Client Sample ID CP1-0-1

Lab ID: 1301538-10

Semivolatile Organic Compounds by EPA 8270/SIM **Analyst: MFR**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2-Methylnaphthalene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Acenaphthene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Acenaphthylene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Anthracene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Benzo(a)anthracene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Benzo(a)pyrene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Benzo(b)fluoranthene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Benzo(g,h,i)perylene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Benzo(k)fluoranthene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Chrysene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Dibenz(a,h)anthracene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Fluoranthene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Fluorene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Indeno(1,2,3-cd)pyrene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Naphthalene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Phenanthrene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Pyrene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 17:53	
Surrogate: 1,2-Dichlorobenzene-d4	*78.3 %*	*28 - 96*			B3E0676	05/31/2013	*05/31/13 17:53*	
Surrogate: 2-Fluorobiphenyl	*85.3 %*	*36 - 113*			B3E0676	05/31/2013	*05/31/13 17:53*	
Surrogate: Nitrobenzene-d5	*98.3 %*	*29 - 106*			B3E0676	05/31/2013	*05/31/13 17:53*	
Surrogate: 4-Terphenyl-d14	*93.8 %*	*39 - 138*			B3E0676	05/31/2013	*05/31/13 17:53*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP2-0-1

Lab ID: 1301538-11

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 16:00	
Surrogate: 4-Bromofluorobenzene	*103 %*		*54 - 150*		B3E0556	05/28/2013	*05/28/13 16:00*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**6.4**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 14:14	
ORO	**5.4**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 14:14	
Surrogate: p-Terphenyl	*94.3 %*		*33 - 147*		B3E0636	05/30/2013	*05/30/13 14:14*	

Polychlorinated Biphenyls by EPA 8082

Analyst: MR

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Aroclor 1016	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:44	
Aroclor 1221	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:44	
Aroclor 1232	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:44	
Aroclor 1242	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:44	
Aroclor 1248	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:44	
Aroclor 1254	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:44	
Aroclor 1260	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:44	
Aroclor 1262	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:44	
Aroclor 1268	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 15:44	
Surrogate: Decachlorobiphenyl	*111 %*		*39 - 128*		B3E0642	05/30/2013	*05/30/13 15:44*	
Surrogate: Tetrachloro-m-xylene	*108 %*		*38 - 122*		B3E0642	05/30/2013	*05/30/13 15:44*	

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP2-0-1

Lab ID: 1301538-11

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
2-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
4-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Benzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Bromobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Bromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Bromodichloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Bromoform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Bromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Carbon disulfide	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Carbon tetrachloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Chlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Chloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Chloroform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Chloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Di-isopropyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Dibromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Dibromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP2-0-1

Lab ID: 1301538-11

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Ethyl Acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Ethyl Ether	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Ethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Freon-113	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Isopropylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
m,p-Xylene	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Methylene chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
MTBE	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
n-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
n-Propylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Naphthalene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
o-Xylene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
sec-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Styrene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
tert-Butanol	ND	100	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
tert-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Tetrachloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Toluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Trichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Vinyl acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Vinyl chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:20	
Surrogate: 1,2-Dichloroethane-d4	*136 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:20*	S1
Surrogate: 4-Bromofluorobenzene	*90.0 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:20*	
Surrogate: Dibromofluoromethane	*126 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:20*	
Surrogate: Toluene-d8	*99.7 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:20*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP2-0-1

Lab ID: 1301538-11

Semivolatile Organic Compounds by EPA 8270/SIM **Analyst: MFR**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2-Methylnaphthalene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Acenaphthene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Acenaphthylene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Anthracene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Benzo(a)anthracene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Benzo(a)pyrene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Benzo(b)fluoranthene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Benzo(g,h,i)perylene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Benzo(k)fluoranthene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Chrysene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Dibenz(a,h)anthracene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Fluoranthene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Fluorene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Indeno(1,2,3-cd)pyrene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Naphthalene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Phenanthrene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Pyrene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:20	
Surrogate: 1,2-Dichlorobenzene-d4	*84.5 %*	*28 - 96*			B3E0676	05/31/2013	*05/31/13 18:20*	
Surrogate: 2-Fluorobiphenyl	*95.9 %*	*36 - 113*			B3E0676	05/31/2013	*05/31/13 18:20*	
Surrogate: Nitrobenzene-d5	*108 %*	*29 - 106*			B3E0676	05/31/2013	*05/31/13 18:20*	S2
Surrogate: 4-Terphenyl-d14	*104 %*	*39 - 138*			B3E0676	05/31/2013	*05/31/13 18:20*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP3-0-1

Lab ID: 1301538-12

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 16:18	
Surrogate: 4-Bromofluorobenzene	*96.2 %*	*54 - 150*			B3E0556	05/28/2013	*05/28/13 16:18*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**840**	25	NA	25	B3E0636	05/30/2013	05/31/13 08:50	
ORO	**1500**	25	NA	25	B3E0636	05/30/2013	05/31/13 08:50	
Surrogate: p-Terphenyl	*0%*	*33 - 147*			B3E0636	05/30/2013	*05/31/13 08:50*	S4

Polychlorinated Biphenyls by EPA 8082

Analyst: MR

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Aroclor 1016	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:12	
Aroclor 1221	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:12	
Aroclor 1232	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:12	
Aroclor 1242	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:12	
Aroclor 1248	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:12	
Aroclor 1254	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:12	
Aroclor 1260	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:12	
Aroclor 1262	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:12	
Aroclor 1268	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:12	
Surrogate: Decachlorobiphenyl	*47.8 %*	*39 - 128*			B3E0642	05/30/2013	*05/30/13 16:12*	
Surrogate: Tetrachloro-m-xylene	*85.3 %*	*38 - 122*			B3E0642	05/30/2013	*05/30/13 16:12*	

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP3-0-1

Lab ID: 1301538-12

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
2-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
4-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Benzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Bromobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Bromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Bromodichloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Bromoform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Bromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Carbon disulfide	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Carbon tetrachloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Chlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Chloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Chloroform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Chloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Di-isopropyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Dibromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Dibromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP3-0-1

Lab ID: 1301538-12

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Ethyl Acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Ethyl Ether	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Ethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Freon-113	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Isopropylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
m,p-Xylene	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Methylene chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
MTBE	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
n-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
n-Propylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Naphthalene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
o-Xylene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
sec-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Styrene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
tert-Butanol	ND	100	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
tert-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Tetrachloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Toluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Trichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Vinyl acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Vinyl chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:39	
Surrogate: 1,2-Dichloroethane-d4	*128 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:39*	
Surrogate: 4-Bromofluorobenzene	*88.5 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:39*	
Surrogate: Dibromofluoromethane	*127 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:39*	
Surrogate: Toluene-d8	*96.2 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:39*	

Certificate of Analysis

Ninyo & Moore		Project Number :	Kent Ave, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/04/2013

Client Sample ID CP3-0-1

Lab ID: 1301538-12

Semivolatile Organic Compounds by EPA 8270/SIM **Analyst: MFR**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2-Methylnaphthalene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Acenaphthene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Acenaphthylene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Anthracene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Benzo(a)anthracene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Benzo(a)pyrene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Benzo(b)fluoranthene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Benzo(g,h,i)perylene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Benzo(k)fluoranthene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Chrysene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Dibenz(a,h)anthracene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Fluoranthene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Fluorene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Indeno(1,2,3-cd)pyrene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Naphthalene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Phenanthrene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Pyrene	ND	25	NA	5	B3E0676	05/31/2013	05/31/13 19:12	D2
Surrogate: 1,2-Dichlorobenzene-d4	*52.3 %*	*28 - 96*			B3E0676	05/31/2013	*05/31/13 19:12*	
Surrogate: 2-Fluorobiphenyl	*64.6 %*	*36 - 113*			B3E0676	05/31/2013	*05/31/13 19:12*	
Surrogate: Nitrobenzene-d5	*72.3 %*	*29 - 106*			B3E0676	05/31/2013	*05/31/13 19:12*	
Surrogate: 4-Terphenyl-d14	*61.1 %*	*39 - 138*			B3E0676	05/31/2013	*05/31/13 19:12*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP4-0-1

Lab ID: 1301538-13

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 16:37	
Surrogate: 4-Bromofluorobenzene	*91.4 %*		*54 - 150*		B3E0556	05/28/2013	*05/28/13 16:37*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**7.9**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 15:04	
ORO	**9.0**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 15:04	
Surrogate: p-Terphenyl	*103 %*		*33 - 147*		B3E0636	05/30/2013	*05/30/13 15:04*	

Polychlorinated Biphenyls by EPA 8082

Analyst: MR

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Aroclor 1016	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:39	
Aroclor 1221	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:39	
Aroclor 1232	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:39	
Aroclor 1242	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:39	
Aroclor 1248	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:39	
Aroclor 1254	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:39	
Aroclor 1260	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:39	
Aroclor 1262	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:39	
Aroclor 1268	ND	16	NA	1	B3E0642	05/30/2013	05/30/13 16:39	
Surrogate: Decachlorobiphenyl	*105 %*		*39 - 128*		B3E0642	05/30/2013	*05/30/13 16:39*	
Surrogate: Tetrachloro-m-xylene	*95.0 %*		*38 - 122*		B3E0642	05/30/2013	*05/30/13 16:39*	

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP4-0-1

Lab ID: 1301538-13

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
2-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
4-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Benzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Bromobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Bromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Bromodichloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Bromoform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Bromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Carbon disulfide	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Carbon tetrachloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Chlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Chloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Chloroform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Chloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Di-isopropyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Dibromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Dibromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP4-0-1

Lab ID: 1301538-13

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Ethyl Acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Ethyl Ether	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Ethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Freon-113	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Isopropylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
m,p-Xylene	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Methylene chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
MTBE	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
n-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
n-Propylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Naphthalene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
o-Xylene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
sec-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Styrene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
tert-Butanol	ND	100	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
tert-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Tetrachloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Toluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Trichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Vinyl acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Vinyl chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 18:57	
Surrogate: 1,2-Dichloroethane-d4	*127 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:57*	
Surrogate: 4-Bromofluorobenzene	*90.1 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:57*	
Surrogate: Dibromofluoromethane	*126 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:57*	
Surrogate: Toluene-d8	*96.8 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 18:57*	

Certificate of Analysis

Ninyo & Moore		Project Number :	Kent Ave, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/04/2013

Client Sample ID CP4-0-1

Lab ID: 1301538-13

Semivolatile Organic Compounds by EPA 8270/SIM **Analyst: MFR**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2-Methylnaphthalene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Acenaphthene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Acenaphthylene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Anthracene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Benzo(a)anthracene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Benzo(a)pyrene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Benzo(b)fluoranthene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Benzo(g,h,i)perylene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Benzo(k)fluoranthene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Chrysene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Dibenz(a,h)anthracene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Fluoranthene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Fluorene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Indeno(1,2,3-cd)pyrene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Naphthalene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Phenanthrene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Pyrene	ND	5.0	NA	1	B3E0676	05/31/2013	05/31/13 18:46	
Surrogate: 1,2-Dichlorobenzene-d4	*79.9 %*	*28 - 96*			B3E0676	05/31/2013	*05/31/13 18:46*	
Surrogate: 2-Fluorobiphenyl	*94.7 %*	*36 - 113*			B3E0676	05/31/2013	*05/31/13 18:46*	
Surrogate: Nitrobenzene-d5	*102 %*	*29 - 106*			B3E0676	05/31/2013	*05/31/13 18:46*	
Surrogate: 4-Terphenyl-d14	*97.0 %*	*39 - 138*			B3E0676	05/31/2013	*05/31/13 18:46*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP1-1-2
Lab ID: 1301538-14

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 16:55	
Surrogate: 4-Bromofluorobenzene	*97.2 %*	*54 - 150*			B3E0556	05/28/2013	*05/28/13 16:55*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**8.3**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 15:38	
ORO	**8.7**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 15:38	
Surrogate: p-Terphenyl	*94.5 %*	*33 - 147*			B3E0636	05/30/2013	*05/30/13 15:38*	

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,1-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
2-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP1-1-2

Lab ID: 1301538-14

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Benzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Bromobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Bromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Bromodichloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Bromoform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Bromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Carbon disulfide	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Carbon tetrachloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Chlorobenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Chloroethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Chloroform	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Chloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Di-isopropyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Dibromochloromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Dibromomethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Ethyl Acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Ethyl Ether	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Ethylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Freon-113	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Isopropylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
m,p-Xylene	ND	10	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Methylene chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
MTBE	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
n-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
n-Propylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Naphthalene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
o-Xylene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
sec-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Styrene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP1-1-2

Lab ID: 1301538-14

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
tert-Butylbenzene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Tetrachloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Toluene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Trichloroethene	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Vinyl acetate	ND	50	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Vinyl chloride	ND	5.0	NA	1	B3E0569	05/28/2013	05/28/13 19:16	
Surrogate: 1,2-Dichloroethane-d4	*134 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 19:16*	S1
Surrogate: 4-Bromofluorobenzene	*89.5 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 19:16*	
Surrogate: Dibromofluoromethane	*133 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 19:16*	S1
Surrogate: Toluene-d8	*97.3 %*	*70 - 130*			B3E0569	05/28/2013	*05/28/13 19:16*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP2-1-2
Lab ID: 1301538-15

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 17:14	
Surrogate: 4-Bromofluorobenzene	*97.1 %*	*54 - 150*			B3E0556	05/28/2013	*05/28/13 17:14*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**5.6**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 14:31	
ORO	**4.4**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 14:31	
Surrogate: p-Terphenyl	*88.5 %*	*33 - 147*			B3E0636	05/30/2013	*05/30/13 14:31*	

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,1-Dichloroethene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
2-Chlorotoluene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP2-1-2

Lab ID: 1301538-15

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Benzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Bromobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Bromochloromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Bromodichloromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Bromoform	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Bromomethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Carbon disulfide	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Carbon tetrachloride	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Chlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Chloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Chloroform	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Chloromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Di-isopropyl ether	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Dibromochloromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Dibromomethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Ethyl Acetate	ND	50	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Ethyl Ether	ND	50	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Ethylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Freon-113	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Isopropylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
m,p-Xylene	ND	10	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Methylene chloride	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
MTBE	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
n-Butylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
n-Propylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Naphthalene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
o-Xylene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
sec-Butylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Styrene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP2-1-2

Lab ID: 1301538-15

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
tert-Butylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Tetrachloroethene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Toluene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Trichloroethene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Vinyl acetate	ND	50	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Vinyl chloride	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:22	
Surrogate: 1,2-Dichloroethane-d4	*131 %*	*70 - 130*			B3E0592	05/29/2013	*05/29/13 11:22*	S1
Surrogate: 4-Bromofluorobenzene	*94.0 %*	*70 - 130*			B3E0592	05/29/2013	*05/29/13 11:22*	
Surrogate: Dibromofluoromethane	*128 %*	*70 - 130*			B3E0592	05/29/2013	*05/29/13 11:22*	
Surrogate: Toluene-d8	*96.4 %*	*70 - 130*			B3E0592	05/29/2013	*05/29/13 11:22*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP3-1-2
Lab ID: 1301538-16

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 17:32	
Surrogate: 4-Bromofluorobenzene	*99.3 %*	*54 - 150*			B3E0556	05/28/2013	*05/28/13 17:32*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**170**	10	NA	10	B3E0636	05/30/2013	05/31/13 08:33	
ORO	**290**	10	NA	10	B3E0636	05/30/2013	05/31/13 08:33	
Surrogate: p-Terphenyl	*0%*	*33 - 147*			B3E0636	05/30/2013	*05/31/13 08:33*	S4

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,1-Dichloroethene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
2-Chlorotoluene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP3-1-2

Lab ID: 1301538-16

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Benzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Bromobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Bromochloromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Bromodichloromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Bromoform	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Bromomethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Carbon disulfide	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Carbon tetrachloride	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Chlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Chloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Chloroform	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Chloromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Di-isopropyl ether	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Dibromochloromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Dibromomethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Ethyl Acetate	ND	50	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Ethyl Ether	ND	50	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Ethylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Freon-113	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Isopropylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
m,p-Xylene	ND	10	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Methylene chloride	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
MTBE	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
n-Butylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
n-Propylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Naphthalene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
o-Xylene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
sec-Butylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Styrene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP3-1-2

Lab ID: 1301538-16

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
tert-Butylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Tetrachloroethene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Toluene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Trichloroethene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Vinyl acetate	ND	50	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Vinyl chloride	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:41	
Surrogate: 1,2-Dichloroethane-d4	*131 %*	*70 - 130*			B3E0592	05/29/2013	*05/29/13 11:41*	S1
Surrogate: 4-Bromofluorobenzene	*92.5 %*	*70 - 130*			B3E0592	05/29/2013	*05/29/13 11:41*	
Surrogate: Dibromofluoromethane	*127 %*	*70 - 130*			B3E0592	05/29/2013	*05/29/13 11:41*	
Surrogate: Toluene-d8	*97.8 %*	*70 - 130*			B3E0592	05/29/2013	*05/29/13 11:41*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP4-1-2
Lab ID: 1301538-17

Gasoline Range Organics by EPA 8015B

Analyst: TP

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3E0556	05/28/2013	05/28/13 17:51	
Surrogate: 4-Bromofluorobenzene	*90.5 %*	*54 - 150*			B3E0556	05/28/2013	*05/28/13 17:51*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**8.4**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 14:48	
ORO	**8.8**	1.0	NA	1	B3E0636	05/30/2013	05/30/13 14:48	
Surrogate: p-Terphenyl	*77.1 %*	*33 - 147*			B3E0636	05/30/2013	*05/30/13 14:48*	

Volatile Organic Compounds by EPA 8260

Analyst: TP

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,1-Dichloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,1-Dichloroethene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,1-Dichloropropene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,2-Dibromoethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,2-Dichloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,2-Dichloropropane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,3-Dichloropropane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
2,2-Dichloropropane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
2-Chlorotoluene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP4-1-2

Lab ID: 1301538-17

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
4-Isopropyltoluene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Benzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Bromobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Bromochloromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Bromodichloromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Bromoform	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Bromomethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Carbon disulfide	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Carbon tetrachloride	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Chlorobenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Chloroethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Chloroform	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Chloromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Di-isopropyl ether	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Dibromochloromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Dibromomethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Dichlorodifluoromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Ethyl Acetate	ND	50	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Ethyl Ether	ND	50	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Ethyl tert-butyl ether	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Ethylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Freon-113	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Hexachlorobutadiene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Isopropylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
m,p-Xylene	ND	10	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Methylene chloride	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
MTBE	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
n-Butylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
n-Propylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Naphthalene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
o-Xylene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
sec-Butylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Styrene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
tert-Amyl methyl ether	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP4-1-2

Lab ID: 1301538-17

Volatile Organic Compounds by EPA 8260 **Analyst: TP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
tert-Butylbenzene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Tetrachloroethene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Toluene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
trans-1,3-Dichloropropene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Trichloroethene	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Trichlorofluoromethane	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Vinyl acetate	ND	50	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Vinyl chloride	ND	5.0	NA	1	B3E0592	05/29/2013	05/29/13 11:59	
Surrogate: 1,2-Dichloroethane-d4	*129 %*	*70 - 130*			B3E0592	05/29/2013	*05/29/13 11:59*	
Surrogate: 4-Bromofluorobenzene	*88.1 %*	*70 - 130*			B3E0592	05/29/2013	*05/29/13 11:59*	
Surrogate: Dibromofluoromethane	*130 %*	*70 - 130*			B3E0592	05/29/2013	*05/29/13 11:59*	S1
Surrogate: Toluene-d8	*98.8 %*	*70 - 130*			B3E0592	05/29/2013	*05/29/13 11:59*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP2-GW
Lab ID: 1301538-18

Gasoline Range Organics by EPA 8015B

Analyst: SL

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	0.05	NA	1	B3E0597	05/29/2013	05/29/13 14:55	
Surrogate: 4-Bromofluorobenzene	*111 %*	*70 - 130*			B3E0597	05/29/2013	*05/29/13 14:55*	

Diesel Range Organics by EPA 8015B (SGT)

Analyst: CR

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	**0.09**	0.06	NA	1	B3E0573	05/28/2013	05/28/13 13:38	
ORO	ND	0.06	NA	1	B3E0573	05/28/2013	05/28/13 13:38	
Surrogate: p-Terphenyl	*113 %*	*38 - 151*			B3E0573	05/28/2013	*05/28/13 13:38*	

Volatile Organic Compounds by EPA 8260

Analyst: SL

Analyte	Result (ug/L)	PQL (ug/L)	MDL (ug/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,1,1-Trichloroethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,1,2,2-Tetrachloroethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,1,2-Trichloroethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,1-Dichloroethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,1-Dichloroethene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,1-Dichloropropene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,2,3-Trichloropropane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,2,3-Trichlorobenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,2,4-Trichlorobenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,2,4-Trimethylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,2-Dibromo-3-chloropropane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,2-Dibromoethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,2-Dichlorobenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,2-Dichloroethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,2-Dichloropropane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,3,5-Trimethylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,3-Dichlorobenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,3-Dichloropropane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
1,4-Dichlorobenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
2,2-Dichloropropane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
2-Chloroethyl vinyl ether	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP2-GW

Lab ID: 1301538-18

Volatile Organic Compounds by EPA 8260 **Analyst: SL**

Analyte	Result (ug/L)	PQL (ug/L)	MDL (ug/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2-Chlorotoluene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
4-Chlorotoluene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
4-Isopropyltoluene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Benzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Bromobenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Bromochloromethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Bromodichloromethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Bromoform	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Bromomethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Carbon disulfide	ND	1.0	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Carbon tetrachloride	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Chlorobenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Chloroethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Chloroform	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Chloromethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
cis-1,2-Dichloroethene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
cis-1,3-Dichloropropene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Di-isopropyl ether	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Dibromochloromethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Dibromomethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Dichlorodifluoromethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Ethyl Acetate	ND	10	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Ethyl Ether	ND	10	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Ethyl tert-butyl ether	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Ethylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Freon-113	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Hexachlorobutadiene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Isopropylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
m,p-Xylene	ND	1.0	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Methylene chloride	ND	1.0	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
MTBE	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
n-Butylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
n-Propylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Naphthalene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
o-Xylene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
sec-Butylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Styrene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID CP2-GW

Lab ID: 1301538-18

Volatile Organic Compounds by EPA 8260 **Analyst: SL**

Analyte	Result (ug/L)	PQL (ug/L)	MDL (ug/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Amyl methyl ether	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
tert-Butanol	ND	10	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
tert-Butylbenzene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Tetrachloroethene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Toluene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
trans-1,2-Dichloroethene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
trans-1,3-Dichloropropene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Trichloroethene	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Trichlorofluoromethane	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Vinyl acetate	ND	10	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Vinyl chloride	ND	0.50	NA	1	B3E0570	05/24/2013	05/28/13 17:04	
Surrogate: 1,2-Dichloroethane-d4	*99.1 %*		*70 - 130*		B3E0570	05/24/2013	*05/28/13 17:04*	
Surrogate: 4-Bromofluorobenzene	*76.4 %*		*70 - 130*		B3E0570	05/24/2013	*05/28/13 17:04*	
Surrogate: Dibromofluoromethane	*94.2 %*		*70 - 130*		B3E0570	05/24/2013	*05/28/13 17:04*	
Surrogate: Toluene-d8	*73.8 %*		*70 - 130*		B3E0570	05/24/2013	*05/28/13 17:04*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID G1-0-1

Lab ID: 1301538-19

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**21**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 09:45	

Certificate of Analysis

Ninyo & Moore		Project Number :	Kent Ave, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/04/2013

Client Sample ID G2-0-1

Lab ID: 1301538-20

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**1.4**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 09:50	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID G3-0-1

Lab ID: 1301538-21

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**14**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 09:51	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID G4-0-1

Lab ID: 1301538-22

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**44**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 09:53	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID G5-0-1

Lab ID: 1301538-23

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**27**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 09:55	

Certificate of Analysis

Ninyo & Moore		Project Number :	Kent Ave, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/04/2013

Client Sample ID G6-0-1

Lab ID: 1301538-24

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**15**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 09:56	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID G7-0-1

Lab ID: 1301538-25

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**37**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 09:58	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID G8-0-1

Lab ID: 1301538-26

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**17**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 10:00	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID G9-0-1

Lab ID: 1301538-27

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**4.7**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 10:06	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID L11-0-1

Lab ID: 1301538-28

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**7.3**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 10:07	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID L1-0-1

Lab ID: 1301538-39

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**78**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 10:09	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID L2-0-1

Lab ID: 1301538-40

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**37**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 10:11	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID L3-0-1

Lab ID: 1301538-41

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**9.7**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 10:12	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID L4-0-1

Lab ID: 1301538-42

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**70**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 10:14	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID L5-0-1

Lab ID: 1301538-43

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**16**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 10:16	

Certificate of Analysis

Ninyo & Moore		Project Number :	Kent Ave, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/04/2013

Client Sample ID L6-0-1

Lab ID: 1301538-44

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**47**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 10:18	

Certificate of Analysis

Ninyo & Moore		Project Number :	Kent Ave, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/04/2013

Client Sample ID L7-0-1

Lab ID: 1301538-45

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**26**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 10:20	

Certificate of Analysis

Ninyo & Moore		Project Number :	Kent Ave, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/04/2013

Client Sample ID L8-0-1

Lab ID: 1301538-46

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**70**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 10:22	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID L9-0-1

Lab ID: 1301538-47

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**51**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 10:27	

Certificate of Analysis

Ninyo & Moore		Project Number :	Kent Ave, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/04/2013

Client Sample ID L10-0-1

Lab ID: 1301538-48

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**420**	1.0	NA	1	B3E0641	05/30/2013	05/31/13 10:29	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID Composite 2

Lab ID: 1301538-59

Title 22 Metals by ICP-AES EPA 6010B — **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	
Arsenic	**4.1**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	
Barium	**120**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	
Beryllium	ND	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	
Cadmium	ND	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	
Chromium	**32**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	
Cobalt	**8.5**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	
Copper	**17**	2.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	
Lead	**8.2**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	
Molybdenum	ND	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	
Nickel	**38**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	
Selenium	ND	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	
Silver	ND	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	
Thallium	ND	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	
Vanadium	**25**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	
Zinc	**40**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:35	

Mercury by AA (Cold Vapor) EPA 7471 — **Analyst: VV**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B3E0672	05/31/2013	05/31/13 12:34	

Certificate of Analysis

Ninyo & Moore		Project Number :	Kent Ave, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/04/2013

Client Sample ID Composite 1

Lab ID: 1301538-60

Title 22 Metals by ICP-AES EPA 6010B — **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	
Arsenic	**3.4**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	
Barium	**130**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	
Beryllium	ND	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	
Cadmium	ND	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	
Chromium	**27**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	
Cobalt	**7.9**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	
Copper	**17**	2.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	
Lead	**59**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	
Molybdenum	ND	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	
Nickel	**33**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	
Selenium	ND	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	
Silver	ND	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	
Thallium	ND	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	
Vanadium	**21**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	
Zinc	**44**	1.0	NA	1	B3E0643	05/30/2013	05/31/13 10:39	

Mercury by AA (Cold Vapor) EPA 7471 — **Analyst: VV**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	NA	1	B3E0672	05/31/2013	05/31/13 12:36	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID Composite A

Lab ID: 1301538-61

Organochlorine Pesticides by EPA 8081 **Analyst: BB**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
4,4´-DDE	ND	2.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
4,4´-DDT	**9.2**	2.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
Aldrin	ND	1.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
alpha-BHC	ND	1.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
alpha-Chlordane	**7.2**	1.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
beta-BHC	ND	1.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
Chlordane	**67**	8.5	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
delta-BHC	ND	1.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
Dieldrin	ND	2.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
Endosulfan I	ND	1.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
Endosulfan II	ND	2.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
Endosulfan sulfate	ND	2.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
Endrin	ND	2.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
Endrin aldehyde	ND	2.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
Endrin ketone	ND	2.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
gamma-BHC	ND	1.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
gamma-Chlordane	**9.2**	1.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
Heptachlor	ND	1.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
Heptachlor epoxide	ND	1.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
Methoxychlor	ND	5.0	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
Toxaphene	ND	50	NA	1	B3E0644	05/30/2013	06/03/13 15:33	
Surrogate: Decachlorobiphenyl	*78.0 %*		*32 - 113*		B3E0644	05/30/2013	*06/03/13 15:33*	
Surrogate: Tetrachloro-m-xylene	*82.1 %*		*32 - 101*		B3E0644	05/30/2013	*06/03/13 15:33*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID Composite B

Lab ID: 1301538-62

Organochlorine Pesticides by EPA 8081 **Analyst: BB**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
4,4´-DDE	**12**	2.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
4,4´-DDT [2C]	**10**	2.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
Aldrin	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
alpha-BHC	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
alpha-Chlordane	**1.5**	1.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
beta-BHC	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
Chlordane [2C]	**19**	8.5	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
delta-BHC	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
Dieldrin [2C]	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
Endosulfan I	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
Endosulfan II	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
Endosulfan sulfate	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
Endrin	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
Endrin aldehyde	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
Endrin ketone	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
gamma-BHC	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
gamma-Chlordane	**1.2**	1.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
Heptachlor	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
Heptachlor epoxide	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
Methoxychlor	ND	5.0	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
Toxaphene	ND	50	NA	1	B3E0644	05/30/2013	06/01/13 02:15	
Surrogate: Decachlorobiphenyl	*82.1 %*		*32 - 113*		B3E0644	05/30/2013	*06/01/13 02:15*	
Surrogate: Tetrachloro-m-xylene	*82.8 %*		*32 - 101*		B3E0644	05/30/2013	*06/01/13 02:15*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Client Sample ID Composite C

Lab ID: 1301538-63

Organochlorine Pesticides by EPA 8081 **Analyst: BB**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
4,4´-DDE	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
4,4´-DDT	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
Aldrin	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
alpha-BHC	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
alpha-Chlordane	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
beta-BHC	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
Chlordane	ND	8.5	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
delta-BHC	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
Dieldrin	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
Endosulfan I	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
Endosulfan II	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
Endosulfan sulfate	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
Endrin	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
Endrin aldehyde	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
Endrin ketone	ND	2.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
gamma-BHC	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
gamma-Chlordane	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
Heptachlor	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
Heptachlor epoxide	ND	1.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
Methoxychlor	ND	5.0	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
Toxaphene	ND	50	NA	1	B3E0644	05/30/2013	06/01/13 03:07	
Surrogate: Decachlorobiphenyl	*82.7 %*		*32 - 113*		B3E0644	05/30/2013	*06/01/13 03:07*	
Surrogate: Tetrachloro-m-xylene	*88.6 %*		*32 - 101*		B3E0644	05/30/2013	*06/01/13 03:07*	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0641 - EPA 3050B									
Blank (B3E0641-BLK1)				Prepared: 5/30/2013 Analyzed: 5/31/2013					
Lead	ND	1.0			NR				
LCS (B3E0641-BS1)				Prepared: 5/30/2013 Analyzed: 5/31/2013					
Lead	46.9584	1.0	50.0000		93.9	80 - 120			
Matrix Spike (B3E0641-MS1)		**Source: 1301538-19**		Prepared: 5/30/2013 Analyzed: 5/31/2013					
Lead	128.894	1.0	125.000	20.5274	86.7	51 - 106			
Matrix Spike Dup (B3E0641-MSD1)		**Source: 1301538-19**		Prepared: 5/30/2013 Analyzed: 5/31/2013					
Lead	133.480	1.0	125.000	20.5274	90.4	51 - 106	3.50	20	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Title 22 Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0643 - EPA 3050B									
Blank (B3E0643-BLK1)				Prepared: 5/30/2013 Analyzed: 5/31/2013					
Antimony	ND	2.0			NR				
Arsenic	ND	1.0			NR				
Barium	ND	1.0			NR				
Beryllium	ND	1.0			NR				
Cadmium	ND	1.0			NR				
Chromium	ND	1.0			NR				
Cobalt	ND	1.0			NR				
Copper	ND	2.0			NR				
Lead	ND	1.0			NR				
Molybdenum	ND	1.0			NR				
Nickel	ND	1.0			NR				
Selenium	ND	1.0			NR				
Silver	ND	1.0			NR				
Thallium	ND	1.0			NR				
Vanadium	ND	1.0			NR				
Zinc	ND	1.0			NR				
LCS (B3E0643-BS1)				Prepared: 5/30/2013 Analyzed: 5/31/2013					
Antimony	45.1949	2.0	50.0000		90.4	80 - 120			
Arsenic	44.9432	1.0	50.0000		89.9	80 - 120			
Barium	47.0320	1.0	50.0000		94.1	80 - 120			
Beryllium	49.2942	1.0	50.0000		98.6	80 - 120			
Cadmium	46.4748	1.0	50.0000		92.9	80 - 120			
Chromium	49.4022	1.0	50.0000		98.8	80 - 120			
Cobalt	48.1056	1.0	50.0000		96.2	80 - 120			
Copper	48.8598	2.0	50.0000		97.7	80 - 120			
Lead	47.2091	1.0	50.0000		94.4	80 - 120			
Molybdenum	49.0830	1.0	50.0000		98.2	80 - 120			
Nickel	47.5870	1.0	50.0000		95.2	80 - 120			
Selenium	42.1013	1.0	50.0000		84.2	80 - 120			
Silver	45.2992	1.0	50.0000		90.6	80 - 120			
Thallium	48.2279	1.0	50.0000		96.5	80 - 120			
Vanadium	48.0452	1.0	50.0000		96.1	80 - 120			
Zinc	48.9534	1.0	50.0000		97.9	80 - 120			
Matrix Spike (B3E0643-MS1)		**Source: 1301538-59**		Prepared: 5/30/2013 Analyzed: 5/31/2013					
Antimony	77.5196	2.0	125.000	0.384119	61.7	21 - 109			
Arsenic	99.5147	1.0	125.000	4.12452	76.3	55 - 102			
Barium	218.639	1.0	125.000	115.549	82.5	40 - 130			
Beryllium	100.875	1.0	125.000	ND	80.7	60 - 104			
Cadmium	93.2994	1.0	125.000	0.589836	74.2	52 - 100			
Chromium	135.036	1.0	125.000	31.6176	82.7	53 - 113			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Title 22 Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0643 - EPA 3050B (continued)									
Matrix Spike (B3E0643-MS1) - Continued		**Source: 1301538-59**		Prepared: 5/30/2013 Analyzed: 5/31/2013					
Cobalt	105.977	1.0	125.000	8.50892	78.0	53 - 104			
Copper	125.494	2.0	125.000	17.4005	86.5	51 - 122			
Lead	101.850	1.0	125.000	8.15166	75.0	51 - 106			
Molybdenum	96.4852	1.0	125.000	ND	77.2	55 - 103			
Nickel	135.318	1.0	125.000	37.7035	78.1	48 - 112			
Selenium	93.3802	1.0	125.000	0.449018	74.3	53 - 104			
Silver	100.520	1.0	125.000	ND	80.4	61 - 109			
Thallium	92.5768	1.0	125.000	ND	74.1	44 - 103			
Vanadium	125.562	1.0	125.000	24.6417	80.7	55 - 115			
Zinc	131.519	1.0	125.000	40.1647	73.1	24 - 130			
Matrix Spike Dup (B3E0643-MSD1)		**Source: 1301538-59**		Prepared: 5/30/2013 Analyzed: 5/31/2013					
Antimony	74.3558	2.0	125.000	0.384119	59.2	21 - 109	4.17	20	
Arsenic	97.2984	1.0	125.000	4.12452	74.5	55 - 102	2.25	20	
Barium	216.877	1.0	125.000	115.549	81.1	40 - 130	0.809	20	
Beryllium	98.8327	1.0	125.000	ND	79.1	60 - 104	2.05	20	
Cadmium	92.2287	1.0	125.000	0.589836	73.3	52 - 100	1.15	20	
Chromium	134.291	1.0	125.000	31.6176	82.1	53 - 113	0.553	20	
Cobalt	104.292	1.0	125.000	8.50892	76.6	53 - 104	1.60	20	
Copper	123.832	2.0	125.000	17.4005	85.1	51 - 122	1.33	20	
Lead	101.151	1.0	125.000	8.15166	74.4	51 - 106	0.689	20	
Molybdenum	94.1142	1.0	125.000	ND	75.3	55 - 103	2.49	20	
Nickel	134.792	1.0	125.000	37.7035	77.7	48 - 112	0.389	20	
Selenium	91.3894	1.0	125.000	0.449018	72.8	53 - 104	2.15	20	
Silver	99.1389	1.0	125.000	ND	79.3	61 - 109	1.38	20	
Thallium	90.3968	1.0	125.000	ND	72.3	44 - 103	2.38	20	
Vanadium	124.958	1.0	125.000	24.6417	80.3	55 - 115	0.482	20	
Zinc	131.014	1.0	125.000	40.1647	72.7	24 - 130	0.385	20	

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Mercury by AA (Cold Vapor) EPA 7471 - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0672 - EPA 7471									
Blank (B3E0672-BLK1)				Prepared: 5/31/2013 Analyzed: 5/31/2013					
Mercury	ND	0.10			NR				
LCS (B3E0672-BS1)				Prepared: 5/31/2013 Analyzed: 5/31/2013					
Mercury	0.860316	0.10	0.833333		103	80 - 120			
Matrix Spike (B3E0672-MS1)		**Source: 1301483-01**		Prepared: 5/31/2013 Analyzed: 5/31/2013					
Mercury	0.799170	0.10	0.833333	ND	95.9	70 - 130			
Matrix Spike Dup (B3E0672-MSD1)		**Source: 1301483-01**		Prepared: 5/31/2013 Analyzed: 5/31/2013					
Mercury	0.756185	0.10	0.833333	ND	90.7	70 - 130	5.53	20	
Post Spike (B3E0672-PS1)		**Source: 1301483-01**		Prepared: 5/31/2013 Analyzed: 5/31/2013					
Mercury	0.005063		5.00000E-3	0.000073	99.8	70 - 130			

Certificate of Analysis

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1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Gasoline Range Organics by EPA 8015B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0556 - GCVOAS									
Blank (B3E0556-BLK1)					Prepared: 5/28/2013 Analyzed: 5/28/2013				
Gasoline Range Organics	ND	1.0			NR				
Surrogate: 4-Bromofluorobenzene	*0.08168*		*0.100000*		*81.7*	*54 - 150*			
LCS (B3E0556-BS1)					Prepared: 5/28/2013 Analyzed: 5/28/2013				
Gasoline Range Organics	4.13100	1.0	5.00000		82.6	70 - 130			
Surrogate: 4-Bromofluorobenzene	*0.09637*		*0.100000*		*96.4*	*54 - 150*			
LCS Dup (B3E0556-BSD1)					Prepared: 5/28/2013 Analyzed: 5/28/2013				
Gasoline Range Organics	4.23800	1.0	5.00000		84.8	70 - 130	2.56	20	
Surrogate: 4-Bromofluorobenzene	*0.09856*		*0.100000*		*98.6*	*54 - 150*			
Matrix Spike (B3E0556-MS1)		**Source: 1301538-05**			Prepared: 5/28/2013 Analyzed: 5/28/2013				
Gasoline Range Organics	3.92600	1.0	5.00000	ND	78.5	42 - 125			
Surrogate: 4-Bromofluorobenzene	*0.1013*		*0.100000*		*101*	*54 - 150*			
Matrix Spike Dup (B3E0556-MSD1)		**Source: 1301538-05**			Prepared: 5/28/2013 Analyzed: 5/28/2013				
Gasoline Range Organics	3.85600	1.0	5.00000	ND	77.1	42 - 125	1.80	20	
Surrogate: 4-Bromofluorobenzene	*0.09900*		*0.100000*		*99.0*	*54 - 150*			
Batch B3E0597 - GCVOAW									
Blank (B3E0597-BLK1)					Prepared: 5/29/2013 Analyzed: 5/29/2013				
Gasoline Range Organics	ND	0.05			NR				
Surrogate: 4-Bromofluorobenzene	*0.1047*		*0.100000*		*105*	*70 - 130*			
LCS (B3E0597-BS1)					Prepared: 5/29/2013 Analyzed: 5/29/2013				
Gasoline Range Organics	0.941000		1.00000		94.1	70 - 130			
Surrogate: 4-Bromofluorobenzene	*0.1110*		*0.100000*		*111*	*70 - 130*			
LCS Dup (B3E0597-BSD1)					Prepared: 5/29/2013 Analyzed: 5/29/2013				
Gasoline Range Organics	0.910000		1.00000		91.0	70 - 130	3.35	20	
Surrogate: 4-Bromofluorobenzene	*0.1085*		*0.100000*		*109*	*70 - 130*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Diesel Range Organics by EPA 8015B (SGT) - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0573 - GCSEMI_DRO									
Blank (B3E0573-BLK1)				Prepared: 5/28/2013 Analyzed: 5/28/2013					
DRO	ND	0.05			NR				
ORO	ND	0.05			NR				
Surrogate: p-Terphenyl	*0.07479*		*8.00000E-2*		*93.5*	*38 - 151*			
LCS (B3E0573-BS1)				Prepared: 5/28/2013 Analyzed: 5/28/2013					
DRO	1.02680	0.05	1.00000		103	50 - 121			
Surrogate: p-Terphenyl	*0.06761*		*8.00000E-2*		*84.5*	*38 - 151*			
LCS Dup (B3E0573-BSD1)				Prepared: 5/28/2013 Analyzed: 5/28/2013					
DRO	1.06510	0.05	1.00000		107	50 - 121	3.66	20	
Surrogate: p-Terphenyl	*0.06948*		*8.00000E-2*		*86.8*	*38 - 151*			
Batch B3E0636 - GCSEMI_DRO_SOIL_LL									
Blank (B3E0636-BLK1)				Prepared: 5/30/2013 Analyzed: 5/30/2013					
DRO	ND	1.0			NR				
ORO	ND	1.0			NR				
Surrogate: p-Terphenyl	*2.058*		*2.66667*		*77.2*	*33 - 147*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Diesel Range Organics by EPA 8015B (SGT) - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0636 - GCSEMI_DRO_SOIL_LL (continued)									
LCS (B3E0636-BS1)				Prepared: 5/30/2013 Analyzed: 5/30/2013					
DRO	31.7617	1.0	33.3333		95.3	43 - 120			
Surrogate: p-Terphenyl	*2.081*		*2.66667*		*78.0*	*33 - 147*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Diesel Range Organics by EPA 8015B (SGT) - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0636 - GCSEMI_DRO_SOIL_LL (continued)									
Matrix Spike (B3E0636-MS1)		**Source: 1301538-01**		Prepared: 5/30/2013 Analyzed: 5/30/2013					
DRO	34.5913	1.0	33.3333	4.35333	90.7	17 - 112			
Surrogate: p-Terphenyl	*2.193*		*2.66667*		*82.2*	*33 - 147*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Diesel Range Organics by EPA 8015B (SGT) - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0636 - GCSEMI_DRO_SOIL_LL (continued)									
Matrix Spike Dup (B3E0636-MSD1)		**Source: 1301538-01**		Prepared: 5/30/2013 Analyzed: 5/30/2013					
DRO	35.9913	1.0	33.3333	4.35333	94.9	17 - 112	3.97	20	
Surrogate: p-Terphenyl	*2.201*		*2.66667*		*82.5*	*33 - 147*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Organochlorine Pesticides by EPA 8081 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0644 - GCSEMI_PCB/PEST									
Blank (B3E0644-BLK1)				Prepared: 5/30/2013 Analyzed: 5/30/2013					
4,4´-DDD	ND	2.0			NR				
4,4´-DDD [2C]	ND	2.0			NR				
4,4´-DDE	ND	2.0			NR				
4,4´-DDE [2C]	ND	2.0			NR				
4,4´-DDT	ND	2.0			NR				
4,4´-DDT [2C]	ND	2.0			NR				
Aldrin	ND	1.0			NR				
Aldrin [2C]	ND	1.0			NR				
alpha-BHC	ND	1.0			NR				
alpha-BHC [2C]	ND	1.0			NR				
alpha-Chlordane	ND	1.0			NR				
alpha-Chlordane [2C]	ND	1.0			NR				
beta-BHC	ND	1.0			NR				
beta-BHC [2C]	ND	1.0			NR				
Chlordane	ND	8.5			NR				
Chlordane [2C]	ND	8.5			NR				
delta-BHC	ND	1.0			NR				
delta-BHC [2C]	ND	1.0			NR				
Dieldrin	ND	2.0			NR				
Dieldrin [2C]	ND	2.0			NR				
Endosulfan I	ND	1.0			NR				
Endosulfan I [2C]	ND	1.0			NR				
Endosulfan II	ND	2.0			NR				
Endosulfan II [2C]	ND	2.0			NR				
Endosulfan sulfate	ND	2.0			NR				
Endosulfan Sulfate [2C]	ND	2.0			NR				
Endrin	ND	2.0			NR				
Endrin [2C]	ND	2.0			NR				
Endrin aldehyde	ND	2.0			NR				
Endrin aldehyde [2C]	ND	2.0			NR				
Endrin ketone	ND	2.0			NR				
Endrin ketone [2C]	ND	2.0			NR				
gamma-BHC	ND	1.0			NR				
gamma-BHC [2C]	ND	1.0			NR				
gamma-Chlordane	ND	1.0			NR				
gamma-Chlordane [2C]	ND	1.0			NR				
Heptachlor	ND	1.0			NR				
Heptachlor [2C]	ND	1.0			NR				
Heptachlor epoxide	ND	1.0			NR				
Heptachlor epoxide [2C]	ND	1.0			NR				
Methoxychlor	ND	5.0			NR				

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0644 - GCSEMI_PCB/PEST (continued)									
Blank (B3E0644-BLK1) - Continued				Prepared: 5/30/2013 Analyzed: 5/30/2013					
Methoxychlor [2C]	ND	5.0			NR				
Toxaphene	ND	50			NR				
Toxaphene [2C]	ND	50			NR				
Surrogate: Decachlorobiphenyl	*17.62*		*16.6667*		*106*	*32 - 113*			
Surrogate: Decachlorobiphenyl [2C]	*16.92*		*16.6667*		*102*	*32 - 113*			
Surrogate: Tetrachloro-m-xylene	*13.34*		*16.6667*		*80.0*	*32 - 101*			
Surrogate: Tetrachloro-m-xylene [2C]	*12.75*		*16.6667*		*76.5*	*32 - 101*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0644 - GCSEMI_PCB/PEST (continued)									
LCS (B3E0644-BS1)				Prepared: 5/30/2013 Analyzed: 5/31/2013					
4,4´-DDT	15.9440	2.0	16.6667		95.7	60 - 108			
4,4´-DDT [2C]	15.6968	2.0	16.6667		94.2	60 - 108			
Aldrin	13.3403	1.0	16.6667		80.0	57 - 111			
Aldrin [2C]	12.6862	1.0	16.6667		76.1	57 - 111			
Dieldrin	13.6300	2.0	16.6667		81.8	61 - 106			
Dieldrin [2C]	13.3290	2.0	16.6667		80.0	61 - 106			
Endrin	15.2720	2.0	16.6667		91.6	57 - 97			
Endrin [2C]	15.2657	2.0	16.6667		91.6	57 - 97			
gamma-BHC	13.1617	1.0	16.6667		79.0	61 - 109			
gamma-BHC [2C]	12.6483	1.0	16.6667		75.9	61 - 109			
Heptachlor	14.8590	1.0	16.6667		89.2	58 - 115			
Heptachlor [2C]	15.3058	1.0	16.6667		91.8	58 - 115			
Surrogate: Decachlorobiphenyl	*15.66*		*16.6667*		*94.0*	*32 - 113*			
Surrogate: Decachlorobiphenyl [2C]	*15.07*		*16.6667*		*90.4*	*32 - 113*			
Surrogate: Tetrachloro-m-xylene	*12.26*		*16.6667*		*73.6*	*32 - 101*			
Surrogate: Tetrachloro-m-xylene [2C]	*12.07*		*16.6667*		*72.4*	*32 - 101*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0644 - GCSEMI_PCB/PEST (continued)									
Duplicate (B3E0644-DUP1)		**Source: 1301539-33**		Prepared: 5/30/2013 Analyzed: 5/31/2013					
4,4´-DDT	1.25150	2.0		1.26505	NR		1.08	20	
4,4´-DDT [2C]	1.52083	2.0		1.55134	NR		1.99	20	
Aldrin	ND	1.0		ND	NR			20	
Aldrin [2C]	ND	1.0		ND	NR			20	
Dieldrin	ND	2.0		ND	NR			20	
Dieldrin [2C]	ND	2.0		ND	NR			20	
Endrin	ND	2.0		ND	NR			20	
Endrin [2C]	ND	2.0		ND	NR			20	
gamma-BHC	ND	1.0		ND	NR			20	
gamma-BHC [2C]	ND	1.0		ND	NR			20	
Heptachlor	ND	1.0		ND	NR			20	
Heptachlor [2C]	ND	1.0		ND	NR			20	
Surrogate: Decachlorobiphenyl	*18.80*		*16.6667*		*113*	*32 - 113*			
Surrogate: Decachlorobiphenyl [2C]	*18.05*		*16.6667*		*108*	*32 - 113*			
Surrogate: Tetrachloro-m-xylene	*14.50*		*16.6667*		*87.0*	*32 - 101*			
Surrogate: Tetrachloro-m-xylene [2C]	*14.79*		*16.6667*		*88.7*	*32 - 101*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0644 - GCSEMI_PCB/PEST (continued)									
Matrix Spike (B3E0644-MS1)		**Source: 1301539-33**		Prepared: 5/30/2013 Analyzed: 5/31/2013					
4,4´-DDT	19.1477	2.0	16.6667	1.26505	107	26 - 133			
4,4´-DDT [2C]	18.1285	2.0	16.6667	1.55134	99.5	26 - 133			
Aldrin	15.5303	1.0	16.6667	ND	93.2	38 - 119			
Aldrin [2C]	14.3645	1.0	16.6667	ND	86.2	38 - 119			
Dieldrin	15.4562	2.0	16.6667	ND	92.7	30 - 120			
Dieldrin [2C]	14.6952	2.0	16.6667	ND	88.2	30 - 120			
Endrin	17.0095	2.0	16.6667	ND	102	30 - 114			
Endrin [2C]	16.4915	2.0	16.6667	ND	98.9	30 - 114			
gamma-BHC	15.6568	1.0	16.6667	ND	93.9	31 - 122			
gamma-BHC [2C]	14.8878	1.0	16.6667	ND	89.3	31 - 122			
Heptachlor	17.1648	1.0	16.6667	ND	103	38 - 123			
Heptachlor [2C]	17.0013	1.0	16.6667	ND	102	38 - 123			
Surrogate: Decachlorobiphenyl	*16.33*		*16.6667*		*98.0*	*32 - 113*			
Surrogate: Decachlorobiphenyl [2C]	*14.71*		*16.6667*		*88.3*	*32 - 113*			
Surrogate: Tetrachloro-m-xylene	*12.74*		*16.6667*		*76.4*	*32 - 101*			
Surrogate: Tetrachloro-m-xylene [2C]	*12.65*		*16.6667*		*75.9*	*32 - 101*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0644 - GCSEMI_PCB/PEST (continued)									
Matrix Spike Dup (B3E0644-MSD1)		**Source: 1301539-33**		Prepared: 5/30/2013 Analyzed: 5/31/2013					
4,4´-DDT	19.6373	2.0	16.6667	1.26505	110	26 - 133	2.52	20	
4,4´-DDT [2C]	18.7423	2.0	16.6667	1.55134	103	26 - 133	3.33	20	
Aldrin	15.7965	1.0	16.6667	ND	94.8	38 - 119	1.70	20	
Aldrin [2C]	14.7682	1.0	16.6667	ND	88.6	38 - 119	2.77	20	
Dieldrin	15.8640	2.0	16.6667	ND	95.2	30 - 120	2.60	20	
Dieldrin [2C]	15.0737	2.0	16.6667	ND	90.4	30 - 120	2.54	20	
Endrin	17.3758	2.0	16.6667	ND	104	30 - 114	2.13	20	
Endrin [2C]	17.0397	2.0	16.6667	ND	102	30 - 114	3.27	20	
gamma-BHC	15.8268	1.0	16.6667	ND	95.0	31 - 122	1.08	20	
gamma-BHC [2C]	15.1788	1.0	16.6667	ND	91.1	31 - 122	1.94	20	
Heptachlor	17.4263	1.0	16.6667	ND	105	38 - 123	1.51	20	
Heptachlor [2C]	17.3942	1.0	16.6667	ND	104	38 - 123	2.28	20	
Surrogate: Decachlorobiphenyl	*16.88*		*16.6667*		*101*	*32 - 113*			
Surrogate: Decachlorobiphenyl [2C]	*15.25*		*16.6667*		*91.5*	*32 - 113*			
Surrogate: Tetrachloro-m-xylene	*12.92*		*16.6667*		*77.5*	*32 - 101*			
Surrogate: Tetrachloro-m-xylene [2C]	*12.88*		*16.6667*		*77.3*	*32 - 101*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Polychlorinated Biphenyls by EPA 8082 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0642 - GCSEMI_PCB/PEST									
Blank (B3E0642-BLK1)				Prepared: 5/30/2013 Analyzed: 5/30/2013					
Aroclor 1016	ND	16			NR				
Aroclor 1221	ND	16			NR				
Aroclor 1232	ND	16			NR				
Aroclor 1242	ND	16			NR				
Aroclor 1248	ND	16			NR				
Aroclor 1254	ND	16			NR				
Aroclor 1260	ND	16			NR				
Aroclor 1262	ND	16			NR				
Aroclor 1268	ND	16			NR				
Surrogate: Decachlorobiphenyl	*15.45*		*16.6667*		*92.7*	*39 - 128*			
Surrogate: Tetrachloro-m-xylene	*16.06*		*16.6667*		*96.4*	*38 - 122*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Polychlorinated Biphenyls by EPA 8082 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0642 - GCSEMI_PCB/PEST (continued)									
LCS (B3E0642-BS1)				Prepared: 5/30/2013 Analyzed: 5/30/2013					
Aroclor 1016	132.660	16	166.667		79.6	64 - 100			
Aroclor 1260	146.124	16	166.667		87.7	68 - 100			
Surrogate: Decachlorobiphenyl	*15.33*		*16.6667*		*92.0*	*39 - 128*			
Surrogate: Tetrachloro-m-xylene	*15.30*		*16.6667*		*91.8*	*38 - 122*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Polychlorinated Biphenyls by EPA 8082 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0642 - GCSEMI_PCB/PEST (continued)									
Matrix Spike (B3E0642-MS1)		**Source: 1301567-06**		Prepared: 5/30/2013 Analyzed: 5/30/2013					
Aroclor 1016	163.726	16	166.667	ND	98.2	48 - 126			
Aroclor 1260	173.508	16	166.667	ND	104	46 - 130			
Surrogate: Decachlorobiphenyl	*18.09*		*16.6667*		*109*	*39 - 128*			
Surrogate: Tetrachloro-m-xylene	*17.85*		*16.6667*		*107*	*38 - 122*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Polychlorinated Biphenyls by EPA 8082 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0642 - GCSEMI_PCB/PEST (continued)									
Matrix Spike Dup (B3E0642-MSD1)		**Source: 1301567-06**		Prepared: 5/30/2013 Analyzed: 5/30/2013					
Aroclor 1016	163.459	16	166.667	ND	98.1	48 - 126	0.163	20	
Aroclor 1260	173.148	16	166.667	ND	104	46 - 130	0.208	20	
Surrogate: Decachlorobiphenyl	*18.04*		*16.6667*		*108*	*39 - 128*			
Surrogate: Tetrachloro-m-xylene	*17.69*		*16.6667*		*106*	*38 - 122*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0569 - MSVOAS									
Blank (B3E0569-BLK1)				Prepared: 5/28/2013 Analyzed: 5/28/2013					
1,1,1,2-Tetrachloroethane	ND	5.0			NR				
1,1,1-Trichloroethane	ND	5.0			NR				
1,1,2,2-Tetrachloroethane	ND	5.0			NR				
1,1,2-Trichloroethane	ND	5.0			NR				
1,1-Dichloroethane	ND	5.0			NR				
1,1-Dichloroethene	ND	5.0			NR				
1,1-Dichloropropene	ND	5.0			NR				
1,2,3-Trichloropropane	ND	5.0			NR				
1,2,3-Trichlorobenzene	ND	5.0			NR				
1,2,4-Trichlorobenzene	ND	5.0			NR				
1,2,4-Trimethylbenzene	ND	5.0			NR				
1,2-Dibromo-3-chloropropane	ND	10			NR				
1,2-Dibromoethane	ND	5.0			NR				
1,2-Dichlorobenzene	ND	5.0			NR				
1,2-Dichloroethane	ND	5.0			NR				
1,2-Dichloropropane	ND	5.0			NR				
1,3,5-Trimethylbenzene	ND	5.0			NR				
1,3-Dichlorobenzene	ND	5.0			NR				
1,3-Dichloropropane	ND	5.0			NR				
1,4-Dichlorobenzene	ND	5.0			NR				
2,2-Dichloropropane	ND	5.0			NR				
2-Chlorotoluene	ND	5.0			NR				
4-Chlorotoluene	ND	5.0			NR				
4-Isopropyltoluene	ND	5.0			NR				
Benzene	ND	5.0			NR				
Bromobenzene	ND	5.0			NR				
Bromochloromethane	ND	5.0			NR				
Bromodichloromethane	ND	5.0			NR				
Bromoform	ND	5.0			NR				
Bromomethane	ND	5.0			NR				
Carbon disulfide	ND	5.0			NR				
Carbon tetrachloride	ND	5.0			NR				
Chlorobenzene	ND	5.0			NR				
Chloroethane	ND	5.0			NR				
Chloroform	ND	5.0			NR				
Chloromethane	ND	5.0			NR				
cis-1,2-Dichloroethene	ND	5.0			NR				
cis-1,3-Dichloropropene	ND	5.0			NR				
Di-isopropyl ether	ND	5.0			NR				
Dibromochloromethane	ND	5.0			NR				
Dibromomethane	ND	5.0			NR				

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0569 - MSVOAS (continued)									
Blank (B3E0569-BLK1) - Continued				Prepared: 5/28/2013 Analyzed: 5/28/2013					
Dichlorodifluoromethane	ND	5.0			NR				
Ethyl Acetate	ND	50			NR				
Ethyl Ether	ND	50			NR				
Ethyl tert-butyl ether	ND	5.0			NR				
Ethylbenzene	ND	5.0			NR				
Freon-113	ND	5.0			NR				
Hexachlorobutadiene	ND	5.0			NR				
Isopropylbenzene	ND	5.0			NR				
m,p-Xylene	ND	10			NR				
Methylene chloride	ND	5.0			NR				
MTBE	ND	5.0			NR				
n-Butylbenzene	ND	5.0			NR				
n-Propylbenzene	ND	5.0			NR				
Naphthalene	ND	5.0			NR				
o-Xylene	ND	5.0			NR				
sec-Butylbenzene	ND	5.0			NR				
Styrene	ND	5.0			NR				
tert-Amyl methyl ether	ND	5.0			NR				
tert-Butanol	ND	100			NR				
tert-Butylbenzene	ND	5.0			NR				
Tetrachloroethene	ND	5.0			NR				
Toluene	ND	5.0			NR				
trans-1,2-Dichloroethene	ND	5.0			NR				
trans-1,3-Dichloropropene	ND	5.0			NR				
Trichloroethene	ND	5.0			NR				
Trichlorofluoromethane	ND	5.0			NR				
Vinyl acetate	ND	50			NR				
Vinyl chloride	ND	5.0			NR				
Surrogate: 1,2-Dichloroethane-d4	*49.52*		*50.0000*		*99.0*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene	*45.91*		*50.0000*		*91.8*	*70 - 130*			
Surrogate: Dibromofluoromethane	*52.87*		*50.0000*		*106*	*70 - 130*			
Surrogate: Toluene-d8	*48.15*		*50.0000*		*96.3*	*70 - 130*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0569 - MSVOAS (continued)									
LCS (B3E0569-BS1)				Prepared: 5/28/2013 Analyzed: 5/28/2013					
1,1-Dichloroethene	39.6500	5.0	50.0000		79.3	70 - 130			
Benzene	95.2700	5.0	100.000		95.3	70 - 130			
Chlorobenzene	49.9200	5.0	50.0000		99.8	70 - 130			
MTBE	49.0600	5.0	50.0000		98.1	70 - 130			
Toluene	100.850	5.0	100.000		101	70 - 130			
Trichloroethene	49.4100	5.0	50.0000		98.8	70 - 130			
Surrogate: 1,2-Dichloroethane-d4	*47.34*		*50.0000*		*94.7*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene	*47.19*		*50.0000*		*94.4*	*70 - 130*			
Surrogate: Dibromofluoromethane	*46.92*		*50.0000*		*93.8*	*70 - 130*			
Surrogate: Toluene-d8	*48.43*		*50.0000*		*96.9*	*70 - 130*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0569 - MSVOAS (continued)									
LCS Dup (B3E0569-BSD1)				Prepared: 5/28/2013 Analyzed: 5/28/2013					
1,1-Dichloroethene	39.6800	5.0	50.0000		79.4	70 - 130	0.0756	20	
Benzene	97.5600	5.0	100.000		97.6	70 - 130	2.38	20	
Chlorobenzene	51.3400	5.0	50.0000		103	70 - 130	2.80	20	
MTBE	52.4800	5.0	50.0000		105	70 - 130	6.74	20	
Toluene	103.130	5.0	100.000		103	70 - 130	2.24	20	
Trichloroethene	51.1900	5.0	50.0000		102	70 - 130	3.54	20	
Surrogate: 1,2-Dichloroethane-d4	*49.00*		*50.0000*		*98.0*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene	*47.58*		*50.0000*		*95.2*	*70 - 130*			
Surrogate: Dibromofluoromethane	*50.13*		*50.0000*		*100*	*70 - 130*			
Surrogate: Toluene-d8	*48.30*		*50.0000*		*96.6*	*70 - 130*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0569 - MSVOAS (continued)									
Matrix Spike (B3E0569-MS1)		**Source: 1301538-05**		Prepared: 5/28/2013 Analyzed: 5/28/2013					
1,1-Dichloroethene	37.5500	5.0	50.0000	ND	75.1	70 - 130			
Benzene	86.6400	5.0	100.000	ND	86.6	70 - 130			
Chlorobenzene	42.9600	5.0	50.0000	ND	85.9	70 - 130			
MTBE	51.1600	5.0	50.0000	ND	102	70 - 130			
Toluene	93.0300	5.0	100.000	ND	93.0	70 - 130			
Trichloroethene	44.8600	5.0	50.0000	ND	89.7	70 - 130			
Surrogate: 1,2-Dichloroethane-d4	*52.71*		*50.0000*		*105*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene	*47.71*		*50.0000*		*95.4*	*70 - 130*			
Surrogate: Dibromofluoromethane	*52.56*		*50.0000*		*105*	*70 - 130*			
Surrogate: Toluene-d8	*49.40*		*50.0000*		*98.8*	*70 - 130*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0569 - MSVOAS (continued)									
Matrix Spike Dup (B3E0569-MSD1)		**Source: 1301538-05**		Prepared: 5/28/2013 Analyzed: 5/28/2013					
1,1-Dichloroethene	39.7800	5.0	50.0000	ND	79.6	70 - 130	5.77	20	
Benzene	88.2100	5.0	100.000	ND	88.2	70 - 130	1.80	20	
Chlorobenzene	43.8900	5.0	50.0000	ND	87.8	70 - 130	2.14	20	
MTBE	52.5000	5.0	50.0000	ND	105	70 - 130	2.59	20	
Toluene	93.6200	5.0	100.000	ND	93.6	70 - 130	0.632	20	
Trichloroethene	47.0400	5.0	50.0000	ND	94.1	70 - 130	4.74	20	
Surrogate: 1,2-Dichloroethane-d4	*56.01*		*50.0000*		*112*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene	*47.63*		*50.0000*		*95.3*	*70 - 130*			
Surrogate: Dibromofluoromethane	*55.57*		*50.0000*		*111*	*70 - 130*			
Surrogate: Toluene-d8	*49.72*		*50.0000*		*99.4*	*70 - 130*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0592 - MSVOAS									
Blank (B3E0592-BLK1)				Prepared: 5/29/2013 Analyzed: 5/29/2013					
1,1,1,2-Tetrachloroethane	ND	5.0			NR				
1,1,1-Trichloroethane	ND	5.0			NR				
1,1,2,2-Tetrachloroethane	ND	5.0			NR				
1,1,2-Trichloroethane	ND	5.0			NR				
1,1-Dichloroethane	ND	5.0			NR				
1,1-Dichloroethene	ND	5.0			NR				
1,1-Dichloropropene	ND	5.0			NR				
1,2,3-Trichloropropane	ND	5.0			NR				
1,2,3-Trichlorobenzene	ND	5.0			NR				
1,2,4-Trichlorobenzene	ND	5.0			NR				
1,2,4-Trimethylbenzene	ND	5.0			NR				
1,2-Dibromo-3-chloropropane	ND	10			NR				
1,2-Dibromoethane	ND	5.0			NR				
1,2-Dichlorobenzene	ND	5.0			NR				
1,2-Dichloroethane	ND	5.0			NR				
1,2-Dichloropropane	ND	5.0			NR				
1,3,5-Trimethylbenzene	ND	5.0			NR				
1,3-Dichlorobenzene	ND	5.0			NR				
1,3-Dichloropropane	ND	5.0			NR				
1,4-Dichlorobenzene	ND	5.0			NR				
2,2-Dichloropropane	ND	5.0			NR				
2-Chlorotoluene	ND	5.0			NR				
4-Chlorotoluene	ND	5.0			NR				
4-Isopropyltoluene	ND	5.0			NR				
Benzene	ND	5.0			NR				
Bromobenzene	ND	5.0			NR				
Bromochloromethane	ND	5.0			NR				
Bromodichloromethane	ND	5.0			NR				
Bromoform	ND	5.0			NR				
Bromomethane	ND	5.0			NR				
Carbon disulfide	ND	5.0			NR				
Carbon tetrachloride	ND	5.0			NR				
Chlorobenzene	ND	5.0			NR				
Chloroethane	ND	5.0			NR				
Chloroform	ND	5.0			NR				
Chloromethane	ND	5.0			NR				
cis-1,2-Dichloroethene	ND	5.0			NR				
cis-1,3-Dichloropropene	ND	5.0			NR				
Di-isopropyl ether	ND	5.0			NR				
Dibromochloromethane	ND	5.0			NR				
Dibromomethane	ND	5.0			NR				

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0592 - MSVOAS (continued)									
Blank (B3E0592-BLK1) - Continued				Prepared: 5/29/2013 Analyzed: 5/29/2013					
Dichlorodifluoromethane	ND	5.0			NR				
Ethyl Acetate	ND	50			NR				
Ethyl Ether	ND	50			NR				
Ethyl tert-butyl ether	ND	5.0			NR				
Ethylbenzene	ND	5.0			NR				
Freon-113	ND	5.0			NR				
Hexachlorobutadiene	ND	5.0			NR				
Isopropylbenzene	ND	5.0			NR				
m,p-Xylene	ND	10			NR				
Methylene chloride	ND	5.0			NR				
MTBE	ND	5.0			NR				
n-Butylbenzene	ND	5.0			NR				
n-Propylbenzene	ND	5.0			NR				
Naphthalene	ND	5.0			NR				
o-Xylene	ND	5.0			NR				
sec-Butylbenzene	ND	5.0			NR				
Styrene	ND	5.0			NR				
tert-Amyl methyl ether	ND	5.0			NR				
tert-Butanol	ND	100			NR				
tert-Butylbenzene	ND	5.0			NR				
Tetrachloroethene	ND	5.0			NR				
Toluene	ND	5.0			NR				
trans-1,2-Dichloroethene	ND	5.0			NR				
trans-1,3-Dichloropropene	ND	5.0			NR				
Trichloroethene	ND	5.0			NR				
Trichlorofluoromethane	ND	5.0			NR				
Vinyl acetate	ND	50			NR				
Vinyl chloride	ND	5.0			NR				
Surrogate: 1,2-Dichloroethane-d4	*62.83*		*50.0000*		*126*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene	*46.44*		*50.0000*		*92.9*	*70 - 130*			
Surrogate: Dibromofluoromethane	*62.29*		*50.0000*		*125*	*70 - 130*			
Surrogate: Toluene-d8	*49.26*		*50.0000*		*98.5*	*70 - 130*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0592 - MSVOAS (continued)									
LCS (B3E0592-BS1)				Prepared: 5/29/2013 Analyzed: 5/29/2013					
1,1-Dichloroethene	41.3600	5.0	50.0000		82.7	70 - 130			
Benzene	99.3400	5.0	100.000		99.3	70 - 130			
Chlorobenzene	49.7700	5.0	50.0000		99.5	70 - 130			
MTBE	56.6800	5.0	50.0000		113	70 - 130			
Toluene	105.490	5.0	100.000		105	70 - 130			
Trichloroethene	49.7100	5.0	50.0000		99.4	70 - 130			
Surrogate: 1,2-Dichloroethane-d4	*57.90*		*50.0000*		*116*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene	*46.61*		*50.0000*		*93.2*	*70 - 130*			
Surrogate: Dibromofluoromethane	*56.56*		*50.0000*		*113*	*70 - 130*			
Surrogate: Toluene-d8	*49.00*		*50.0000*		*98.0*	*70 - 130*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0592 - MSVOAS (continued)									
LCS Dup (B3E0592-BSD1)				Prepared: 5/29/2013 Analyzed: 5/29/2013					
1,1-Dichloroethene	42.3400	5.0	50.0000		84.7	70 - 130	2.34	20	
Benzene	101.390	5.0	100.000		101	70 - 130	2.04	20	
Chlorobenzene	50.0500	5.0	50.0000		100	70 - 130	0.561	20	
MTBE	58.9700	5.0	50.0000		118	70 - 130	3.96	20	
Toluene	108.820	5.0	100.000		109	70 - 130	3.11	20	
Trichloroethene	50.2600	5.0	50.0000		101	70 - 130	1.10	20	
Surrogate: 1,2-Dichloroethane-d4	*58.61*		*50.0000*		*117*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene	*47.81*		*50.0000*		*95.6*	*70 - 130*			
Surrogate: Dibromofluoromethane	*55.21*		*50.0000*		*110*	*70 - 130*			
Surrogate: Toluene-d8	*50.07*		*50.0000*		*100*	*70 - 130*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0592 - MSVOAS (continued)									
Matrix Spike (B3E0592-MS1)		**Source: 1301538-16**		Prepared: 5/29/2013 Analyzed: 5/29/2013					
1,1-Dichloroethene	39.4300	5.0	50.0000	ND	78.9	70 - 130			
Benzene	78.1800	5.0	100.000	ND	78.2	70 - 130			
Chlorobenzene	32.4200	5.0	50.0000	ND	64.8	70 - 130			M1
MTBE	44.4800	5.0	50.0000	ND	89.0	70 - 130			
Toluene	80.8900	5.0	100.000	ND	80.9	70 - 130			
Trichloroethene	38.3700	5.0	50.0000	ND	76.7	70 - 130			
Surrogate: 1,2-Dichloroethane-d4	*58.26*		*50.0000*		*117*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene	*48.38*		*50.0000*		*96.8*	*70 - 130*			
Surrogate: Dibromofluoromethane	*57.11*		*50.0000*		*114*	*70 - 130*			
Surrogate: Toluene-d8	*49.71*		*50.0000*		*99.4*	*70 - 130*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0592 - MSVOAS (continued)									
Matrix Spike Dup (B3E0592-MSD1)		**Source: 1301538-16**		Prepared: 5/29/2013 Analyzed: 5/29/2013					
1,1-Dichloroethene	37.0600	5.0	50.0000	ND	74.1	70 - 130	6.20	20	
Benzene	75.5500	5.0	100.000	ND	75.6	70 - 130	3.42	20	
Chlorobenzene	31.0800	5.0	50.0000	ND	62.2	70 - 130	4.22	20	M1
MTBE	44.6000	5.0	50.0000	ND	89.2	70 - 130	0.269	20	
Toluene	77.0400	5.0	100.000	ND	77.0	70 - 130	4.88	20	
Trichloroethene	36.9100	5.0	50.0000	ND	73.8	70 - 130	3.88	20	
Surrogate: 1,2-Dichloroethane-d4	*56.71*		*50.0000*		*113*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene	*49.10*		*50.0000*		*98.2*	*70 - 130*			
Surrogate: Dibromofluoromethane	*56.07*		*50.0000*		*112*	*70 - 130*			
Surrogate: Toluene-d8	*48.94*		*50.0000*		*97.9*	*70 - 130*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0570 - MSVOAW_LL									
Blank (B3E0570-BLK1)				Prepared: 5/28/2013 Analyzed: 5/28/2013					
1,1,1,2-Tetrachloroethane	ND	0.50			NR				
1,1,1-Trichloroethane	ND	0.50			NR				
1,1,2,2-Tetrachloroethane	ND	0.50			NR				
1,1,2-Trichloroethane	ND	0.50			NR				
1,1-Dichloroethane	ND	0.50			NR				
1,1-Dichloroethene	ND	0.50			NR				
1,1-Dichloropropene	ND	0.50			NR				
1,2,3-Trichloropropane	ND	0.50			NR				
1,2,3-Trichlorobenzene	ND	0.50			NR				
1,2,4-Trichlorobenzene	ND	0.50			NR				
1,2,4-Trimethylbenzene	ND	0.50			NR				
1,2-Dibromo-3-chloropropane	ND	0.50			NR				
1,2-Dibromoethane	ND	0.50			NR				
1,2-Dichlorobenzene	ND	0.50			NR				
1,2-Dichloroethane	ND	0.50			NR				
1,2-Dichloropropane	ND	0.50			NR				
1,3,5-Trimethylbenzene	ND	0.50			NR				
1,3-Dichlorobenzene	ND	0.50			NR				
1,3-Dichloropropane	ND	0.50			NR				
1,4-Dichlorobenzene	ND	0.50			NR				
2,2-Dichloropropane	ND	0.50			NR				
2-Chloroethyl vinyl ether	ND	0.50			NR				
2-Chlorotoluene	ND	0.50			NR				
4-Chlorotoluene	ND	0.50			NR				
4-Isopropyltoluene	ND	0.50			NR				
Benzene	ND	0.50			NR				
Bromobenzene	ND	0.50			NR				
Bromochloromethane	ND	0.50			NR				
Bromodichloromethane	ND	0.50			NR				
Bromoform	ND	0.50			NR				
Bromomethane	ND	0.50			NR				
Carbon disulfide	ND	1.0			NR				
Carbon tetrachloride	ND	0.50			NR				
Chlorobenzene	ND	0.50			NR				
Chloroethane	ND	0.50			NR				
Chloroform	ND	0.50			NR				
Chloromethane	ND	0.50			NR				
cis-1,2-Dichloroethene	ND	0.50			NR				
cis-1,3-Dichloropropene	ND	0.50			NR				
Di-isopropyl ether	ND	0.50			NR				
Dibromochloromethane	ND	0.50			NR				

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0570 - MSVOAW_LL (continued)									
Blank (B3E0570-BLK1) - Continued				Prepared: 5/28/2013 Analyzed: 5/28/2013					
Dibromomethane	ND	0.50			NR				
Dichlorodifluoromethane	ND	0.50			NR				
Ethyl Acetate	ND	10			NR				
Ethyl Ether	ND	10			NR				
Ethyl tert-butyl ether	ND	0.50			NR				
Ethylbenzene	ND	0.50			NR				
Freon-113	ND	0.50			NR				
Hexachlorobutadiene	ND	0.50			NR				
Isopropylbenzene	ND	0.50			NR				
m,p-Xylene	ND	1.0			NR				
Methylene chloride	ND	1.0			NR				
MTBE	ND	0.50			NR				
n-Butylbenzene	ND	0.50			NR				
n-Propylbenzene	ND	0.50			NR				
Naphthalene	ND	0.50			NR				
o-Xylene	ND	0.50			NR				
sec-Butylbenzene	ND	0.50			NR				
Styrene	ND	0.50			NR				
tert-Amyl methyl ether	ND	0.50			NR				
tert-Butanol	ND	10			NR				
tert-Butylbenzene	ND	0.50			NR				
Tetrachloroethene	ND	0.50			NR				
Toluene	ND	0.50			NR				
trans-1,2-Dichloroethene	ND	0.50			NR				
trans-1,3-Dichloropropene	ND	0.50			NR				
Trichloroethene	ND	0.50			NR				
Trichlorofluoromethane	ND	0.50			NR				
Vinyl acetate	ND	10			NR				
Vinyl chloride	ND	0.50			NR				
Surrogate: 1,2-Dichloroethane-d4	*26.19*		*25.0000*		*105*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene	*21.54*		*25.0000*		*86.2*	*70 - 130*			
Surrogate: Dibromofluoromethane	*24.62*		*25.0000*		*98.5*	*70 - 130*			
Surrogate: Toluene-d8	*20.40*		*25.0000*		*81.6*	*70 - 130*			

Certificate of Analysis

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Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0570 - MSVOAW_LL (continued)									
LCS (B3E0570-BS1)				Prepared: 5/28/2013 Analyzed: 5/28/2013					
1,1-Dichloroethene	20.1500		20.0000		101	70 - 130			
Benzene	39.6400		40.0000		99.1	70 - 130			
Chlorobenzene	17.4200		20.0000		87.1	70 - 130			
MTBE	20.9300		20.0000		105	70 - 130			
Toluene	40.8300		40.0000		102	70 - 130			
Trichloroethene	18.6700		20.0000		93.4	70 - 130			
Surrogate: 1,2-Dichloroethane-d4	*22.79*		*25.0000*		*91.2*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene	*20.96*		*25.0000*		*83.8*	*70 - 130*			
Surrogate: Dibromofluoromethane	*21.97*		*25.0000*		*87.9*	*70 - 130*			
Surrogate: Toluene-d8	*22.57*		*25.0000*		*90.3*	*70 - 130*			

Certificate of Analysis

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1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0570 - MSVOAW_LL (continued)									
LCS Dup (B3E0570-BSD1)				Prepared: 5/28/2013 Analyzed: 5/28/2013					
1,1-Dichloroethene	19.7400		20.0000		98.7	70 - 130	2.06	20	
Benzene	39.5900		40.0000		99.0	70 - 130	0.126	20	
Chlorobenzene	17.4900		20.0000		87.4	70 - 130	0.401	20	
MTBE	20.5400		20.0000		103	70 - 130	1.88	20	
Toluene	40.9300		40.0000		102	70 - 130	0.245	20	
Trichloroethene	18.3600		20.0000		91.8	70 - 130	1.67	20	
Surrogate: 1,2-Dichloroethane-d4	*21.64*		*25.0000*		*86.6*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene	*19.55*		*25.0000*		*78.2*	*70 - 130*			
Surrogate: Dibromofluoromethane	*21.31*		*25.0000*		*85.2*	*70 - 130*			
Surrogate: Toluene-d8	*22.54*		*25.0000*		*90.2*	*70 - 130*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Semivolatile Organic Compounds by EPA 8270/SIM - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0676 - MSSEMI_ISOTOPEDILN									
Blank (B3E0676-BLK1)				Prepared: 5/31/2013 Analyzed: 5/31/2013					
2-Methylnaphthalene	ND	5.0			NR				
Acenaphthene	ND	5.0			NR				
Acenaphthylene	ND	5.0			NR				
Anthracene	ND	5.0			NR				
Benzo(a)anthracene	ND	5.0			NR				
Benzo(a)pyrene	ND	5.0			NR				
Benzo(b)fluoranthene	ND	5.0			NR				
Benzo(g,h,i)perylene	ND	5.0			NR				
Benzo(k)fluoranthene	ND	5.0			NR				
Chrysene	ND	5.0			NR				
Dibenz(a,h)anthracene	ND	5.0			NR				
Fluoranthene	ND	5.0			NR				
Fluorene	ND	5.0			NR				
Indeno(1,2,3-cd)pyrene	ND	5.0			NR				
Naphthalene	ND	5.0			NR				
Phenanthrene	ND	5.0			NR				
Pyrene	ND	5.0			NR				
Surrogate: 1,2-Dichlorobenzene-d4	*19.61*		*33.3333*		*58.8*	*28 - 96*			
Surrogate: 2-Fluorobiphenyl	*20.23*		*33.3333*		*60.7*	*36 - 113*			
Surrogate: Nitrobenzene-d5	*24.49*		*33.3333*		*73.5*	*29 - 106*			
Surrogate: 4-Terphenyl-d14	*26.22*		*33.3333*		*78.7*	*39 - 138*			

Certificate of Analysis

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1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Semivolatile Organic Compounds by EPA 8270/SIM - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0676 - MSSEMI_ISOTOPEDILN (continued)									
LCS (B3E0676-BS1)				Prepared: 5/31/2013 Analyzed: 5/31/2013					
Acenaphthene	26.4683	5.0	33.3333		79.4	50 - 93			
Phenanthrene	30.9033	5.0	33.3333		92.7	46 - 98			
Pyrene	31.2510	5.0	33.3333		93.8	52 - 112			
Surrogate: 1,2-Dichlorobenzene-d4	*26.04*		*33.3333*		*78.1*	*28 - 96*			
Surrogate: 2-Fluorobiphenyl	*28.18*		*33.3333*		*84.5*	*36 - 113*			
Surrogate: Nitrobenzene-d5	*33.35*		*33.3333*		*100*	*29 - 106*			
Surrogate: 4-Terphenyl-d14	*33.24*		*33.3333*		*99.7*	*39 - 138*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Semivolatile Organic Compounds by EPA 8270/SIM - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0676 - MSSEMI_ISOTOPEDILN (continued)									
Matrix Spike (B3E0676-MS1)		**Source: 1301538-11**		Prepared: 5/31/2013 Analyzed: 5/31/2013					
Acenaphthene	29.5113	5.0	33.3333	ND	88.5	45 - 103			
Phenanthrene	33.8387	5.0	33.3333	ND	102	43 - 115			
Pyrene	33.2733	5.0	33.3333	ND	99.8	49 - 125			
Surrogate: 1,2-Dichlorobenzene-d4	*28.76*		*33.3333*		*86.3*	*28 - 96*			
Surrogate: 2-Fluorobiphenyl	*32.04*		*33.3333*		*96.1*	*36 - 113*			
Surrogate: Nitrobenzene-d5	*37.34*		*33.3333*		*112*	*29 - 106*			S2
Surrogate: 4-Terphenyl-d14	*34.51*		*33.3333*		*104*	*39 - 138*			

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/04/2013

Semivolatile Organic Compounds by EPA 8270/SIM - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3E0676 - MSSEMI_ISOTOPEDILN (continued)									
Matrix Spike Dup (B3E0676-MSD1)		**Source: 1301538-11**		Prepared: 5/31/2013 Analyzed: 5/31/2013					
Acenaphthene	30.6897	5.0	33.3333	ND	92.1	45 - 103	3.91	20	
Phenanthrene	33.9977	5.0	33.3333	ND	102	43 - 115	0.469	20	
Pyrene	34.2673	5.0	33.3333	ND	103	49 - 125	2.94	20	
Surrogate: 1,2-Dichlorobenzene-d4	*27.99*		*33.3333*		*84.0*	*28 - 96*			
Surrogate: 2-Fluorobiphenyl	*32.69*		*33.3333*		*98.1*	*36 - 113*			
Surrogate: Nitrobenzene-d5	*36.38*		*33.3333*		*109*	*29 - 106*			S2
Surrogate: 4-Terphenyl-d14	*34.21*		*33.3333*		*103*	*39 - 138*			

Certificate of Analysis

Ninyo & Moore		Project Number :	Kent Ave, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/04/2013

Notes and Definitions

S4	Surrogate was diluted out.
S2	Surrogate recovery was below laboratory acceptance limit. Reextraction and/or reanalysisconfirms low recovery caused by matrix effects.
S10	Surrogate recovery outside of laboratory acceptance limit possibly due to matrix interference.
S1	Surrogate recovery was above laboratory acceptance limit. No target analyte was detected in the sample.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
E3	Internal standard recoveries did not meet method acceptance.
D2	Sample required dilution due to high concentration of non-target analyte.
ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA1	CA-NELAP (CDPH)
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.

CHAIN OF CUSTODY RECORD

ADVANCED TECHNOLOGY LABORATORIES
3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O.#: _____ Quote #: _____

As the authorized agent of the below named company, I hereby purchase testing services from ATL as dictated below and guarantee payment in full.

Submitter (Print): Sarah Price

Signature: Sarah Price

Submitter - Please complete all SHADED areas and include QUOTE # above to ensure proper invoicing.

FOR LABORATORY USE ONLY:

Method of Transport: ☐ Client ☐ ATL ☐ FedEx ☐ OnTrac ☐ GSO ☐ Other: _____

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

Client: Ninyo + Moore
Attn: Peter Sims
Address: 1956 Webster St
City: Oakland State: CA Zip Code: 94612
TEL: 510-343-3000
FAX: 510-343-3001

Project Name: Kent Ave
Project #: 402090002
Sampler: (Printed Name) Sarah Price (Signature) Sarah Price

Relinquished by: (Signature and Printed Name) Sarah Price Sarah Price	Date: 5/23/13	Time: 1600	Received by: (Signature and Printed Name) Jeff Siegfried GSO	Date: 5/23/13	Time: 400p
Relinquished by: (Signature and Printed Name) Jeff Siegfried	Date: 5/23/13	Time: 448p	Received by: (Signature and Printed Name)	Date: 5/23/13	Time: 448p
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date: 5/24/13	Time: 930

Bill To:
Attn: Peter Sims E-mail: PSims@ninyoandmoore.com
Company: N+M
Address: 1956 Webster St
City: Oakland State: CA Zip: 94612

Send Report To:
Attn: Peter Sims E-mail:
Company: Same
Addrress:
City: State: Zip:

Special Instructions/Comments:
Analyze composites for Title 22 metals
Composites: OG1-0-1, OG2-0-1, OG3-0-1, OG4-0-1
Analyze discrete samples for VOCs, TPHgl/mo
Perform Silica Gel treatment prior to analysis

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all Samples and Hardcopy will be disposed Forty-five(45) days after generation of report - electronic copies retained for five(5) years.
Storage Fees (applies when storage is requested):
■ Sample : Forty-five(45) Days Complimentary - $2.00 / sample / mo thereafter.
Hardcopy Reports $17.50 per report.

CIRCLE or Write IN Analyses Needed

CIRCLE APPROPRIATE MATRIX: SOIL/SEDIMENT/SLUDGE; SOLIDS/WIPES/FILTERS; WATER-DRINKING/GROUND; WATER-STORM/WASTE; AQUEOUS/LAYERED-OIL

ITEM	BUSINESS HOURS 8:30 am to 5:30 pm Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8260-624 (Volatiles)	8015B (GRO) / ~~8021 (BTEX)~~	TO-15 / TO-14 / TO-3 / RSK-175	8270B-625(BNA) / 8310(PAHs)	8015B(DRO)/~~8015B(HEXDRO)~~	8081 OrgCl / 8141 OrgPO4 Pest	8082 PCBs	6010B-200.7 CAM Metals/Title 22	6010B-200.7 Metals	6020B-200.8-1640 Metals	7199-218.6 (Hex. Chromium)	300(Anions) / 314 (Perchlorate)	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
1	1301538 - 1	OG1-0-1	5/23/13	1010	X	X		X		X		X					5day	1	5 1		Composite 2
2	- 2	OG2-0-1		0940																	
3	- 3	OG3-0-1		0950																	
4	- 4	OG4-0-1		1000																	
5	- 5	OG1-1-2		1015																	
6	- 6	OG2-1-2		0945																	
7	- 7	OG3-1-2		0955																	
8	- 8	OG4-1-2		1005																	
9	- 9	OG2-GW		1040	X	X		X								X		7	3½ 1		6 HCl VOAs
10																					

QA/QC: RTNE ☐ CT ☐ Legal ☐ SWRCB Logcode ☐ OTHER

☐ Samples Submitted AFTER 3:30 PM, are considered received the following business day at 8:30 AM.

Weekend, Holiday, Off Hours Work ASK for QUOTE

Container Types: 1=Tube 2=VOA 3=Liter 4=Pint 5=Jar 6=Tedlar 7= Canister

Material: 1=Glass 2=Plastic 3=Metal

Preservatives: 1=HCl, 2=HNO_3 3=H_2SO_4 4=4°C 5=$Zn(Ac)_2$ 6=NaOH 7=$NA_2S_2O_4$

TAT 0	TAT 1	TAT 2	TAT 3	TAT 4	TAT 5	TAT 10
300% SURCHARGE SAME BUSINESS DAY IF RCV'D BY 9:00 AM	100% SURCHARGE NEXT BUSINESS DAY 5:30 PM	50% SURCHARGE 2ND BUSINESS DAY 5:30 PM	30% SURCHARGE 3RD BUSINESS DAY 5:30 PM	20% SURCHARGE 4TH BUSINESS DAY 5:30 PM	NO SURCHARGE 5 -7 BUSINESS DAYS 5:30 PM	10% DISCOUNT 10th BUSINESS DAY 5:30 PM

For RUSH TCLP/STLC, add 2 days to respective TAT.

Subcon. TAT is 10-15 business days, Dioxin and Furans 21 business days.

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

CHAIN OF CUSTODY RECORD

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3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: Ninyo + Moore
Attn: Peter Sims
Address: 1956 Webster Street Ste 400
City Oakland State CA Zip Code 94612
TEL: 510-343-3000
FAX: 510-343-3001

Project Name: Kent Ave
Project #: 402090002
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Relinquished by: (Signature and Printed Name) Sarah Price	Date: 5/23/13	Time: 1600	Received by: (Signature and Printed Name) Jeff Siegfried	Date: 5/23/13	Time: 400
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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date: 5/24/13	Time: 830

Bill To:
Attn: Peter Sims E-mail: psims@ninyoandmoore.com
Company: N+M
Address: 1956 Webster St
City: Oakland State: CA Zip: 94612

Send Report To:
Attn: Peter Sims E-mail:
Company: Same
Addrress:
City: State: Zip:

Special Instructions/Comments:
Analyze composite 1 for Title 22 metals
Composite 1: CP1-0-1, CP2-0-1, CP3-0-1, CP4-0-1
Analyze discrete samples for VOCs, TPHg/d/mo
1) Perform silica Gel treatment prior to analyses

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CIRCLE APPROPRIATE MATRIX: SOIL/SEDIMENT/SLUDGE; SOLIDS/WIPES/FILTERS; WATER-DRINKING/GROUND; WATER-STORM/WASTE; AQUEOUS/LAYERED-OIL

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1	1301538-10	CP1-0-1	5/23/13	0745	X	X		X			X						5day	1	5	1		Composite 1
2	-11	CP2-0-1		0820																	
3	-12	CP3-0-1		0810																	
4	-13	CP4-0-1		0755																	
5	-14	CP1-1-2		0750																	
6	-15	CP2-1-2		0825																	
7	-16	CP3-1-2		0815																	
8	-17	CP4-1-2		0800																	
9	-18	CP2-GW		1030	X	X		X				X			X			7	3½	1	6 HCl VOAs
10																					

QA/QC: RTNE ☐ CT ☐ Legal ☐ SWRCB ☐ Logcode____ OTHER____

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Sample Condition Upon Receipt

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

Client: Ninyo + Moore
Address: 1956 Webster Street Ste 400
TEL: 510-343-3000
Attn: Peter Sims
City: Oakland State: CA Zip Code: 94612
FAX: 510-343-3001

Project Name: Kent Ave
Project #: 402090002
Sampler: (Printed Name) Sarah Price (Signature) Sarah Price

Relinquished by: (Signature and Printed Name)	Sarah Price	Date: 5/23/13	Time: 1600	Received by: (Signature and Printed Name)	Jeff Siegfried	Date: 5/23/13	Time: 400pm
Relinquished by: (Signature and Printed Name)	Jeff Siegfried	Date: 5/23/13	Time: 448p	Received by: (Signature and Printed Name)	GSO	Date: 5/23/13	Time: 448pm
Relinquished by: (Signature and Printed Name)		Date:	Time:	Received by: (Signature and Printed Name)		Date: 5/24/13	Time: 820

Bill To:
Attn: Peter Sims E-mail: psims@ninyoandmoore.com
Company: N+M
Address: 1956 Webster St
City: Oakland State: CA Zip: 94612

Send Report To:
Attn: Peter Sims E-mail:
Company: Same
Addrress:
City: State: Zip:

Special Instructions/Comments:
Analyze composite samples for OCPs
Analyze all discrete samples for lead

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all Samples and Hardcopy will be disposed Forty-five(45) days after generation of report - electronic copies retained for five(5) years.
Storage Fees (applies when storage is requested):
■ Sample : Forty-five(45) Days Complimentary - $2.00 / sample / mo thereafter.
Hardcopy Reports $17.50 per report.

CIRCLE or Write IN Analyses Needed

CIRCLE APPROPRIATE MATRIX: SOIL/SEDIMENT/SLUDGE; SOLIDS/WIPES/FILTERS; WATER-DRINKING/GROUND; WATER-STORM/WASTE; AQUEOUS/LAYERED-OIL

ITEM	BUSINESS HOURS 8:30 am to 5:30 pm Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8260-624 (Volatiles)	8015B (GRO) / 8021 (BTEX)	TO-15 / TO-14 / TO-3 / RSK-175	8270B-625(BNA) / 8310(PAHs)	8015B(DRO)/6015B(HCID)	8081 Org Cl / ~~8141 Org P&H Pest~~	8082 PCBs	6010B-200.7 CAM Metals	6010B-200.7 Metals	6020B-200.8-1640 Metals	7199-218.6 (Hex. Chromium)	300(Anions) / 314 (Perchlorate)	Lead (6010B)	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
1	1301338 - 19	G1-0-1	5/23/13	0910						X						X		5day	1	5	1	Composite A
2	- 20	G2-0-1		0900																		
3	- 21	G3-0-1		0840																		
4	- 22	G4-0-1		1250																		Composite B
5	- 23	G5-0-1		1150																		
6	- 24	G6-0-1		1200																		
7	- 25	G7-0-1		1225																		Composite C
8	- 26	G8-0-1		1215																		
9	- 27	G9-0-1		1210																		
10	- 28	G11-0-1		1205																		

Q A / Q C: RTNE ☐ CT ☐ Legal ☐ SWRCB ☐ Logcode____ OTHER ____

☐ Samples Submitted AFTER 3:30 PM, are considered received the following business day at 8:30 AM.

Weekend, Holiday, Off Hours Work ASK for QUOTE

Container Types: 1=Tube 2=VOA 3=Liter 4=Pint 5=Jar 6=Tedlar 7= Canister

Material: 1=Glass 2=Plastic 3=Metal

Preservatives: 1=HCl, 2=HNO_3 3=H_2SO_4 4=4°C 5=$Zn(Ac)_2$ 6=NaOH 7=$NA_2S_2O_4$

TAT 0	TAT 1	TAT 2	TAT 3	TAT 4	TAT 5	TAT 10
300% SURCHARGE SAME BUSINESS DAY IF RCV'D BY 9:00 AM ☐	100% SURCHARGE NEXT BUSINESS DAY 5:30 PM ☐	50% SURCHARGE 2ND BUSINESS DAY 5:30 PM ☐	30% SURCHARGE 3RD BUSINESS DAY 5:30 PM ☐	20% SURCHARGE 4TH BUSINESS DAY 5:30 PM ☐	NO SURCHARGE 5 -7 BUSINESS DAYS 5:30 PM ☐	10% DISCOUNT 10th BUSINESS DAY 5:30 PM ☐

For RUSH TCLP/STLC, add 2 days to respective TAT.

Subcon. TAT is 10-15 business days, Dioxin and Furans 21 business days.

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

CHAIN OF CUSTODY RECORD

ADVANCED TECHNOLOGY LABORATORIES
3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O.#: ____ Quote #: ____

As the authorized agent of the below named company, I hereby purchase testing services from ATL as dictated below and guarantee payment in full.

Submitter (Print): Sarah Price
Signature: Sarah Price

Submitter - Please complete all SHADED areas and include QUOTE # above to ensure proper invoicing.

FOR LABORATORY USE ONLY:

Method of Transport: ☐ Client ☐ ATL ☐ FedEx ☐ OnTrac ☐ GSO ☐ Other: ____

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

Client: Ninyo + Moore
Attn: Peter Sims
Address: 1956 Webster St
City: Oakland State: CA Zip Code: 94612
TEL: 510-343-3000
FAX: 510-343-3001

Project Name: Kent Ave
Project #: 402090002
Sampler: (Printed Name) Sarah Price (Signature) Sarah Price

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
Sarah Price	5/23/13	1600	Jeff Siegfried	5/23/13	400pm
Jeff Siegfried	5/23/13	448p	GSO	5/23/13	448pm
			C. [illegible]	5/24/13	820

Bill To:
Attn: Peter Sims E-mail: psims@ninyoandmoore.com
Company: N+M
Address: 1956 Webster St
City: Oakland State: CA Zip: 94612

Send Report To:
Attn: Peter Sims E-mail:
Company: Same
Address:
City: State: Zip:

Special Instructions/Comments: Place samples on HOLD pending further instruction

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all Samples and Hardcopy will be disposed Forty-five(45) days after generation of report - electronic copies retained for five(5) years.
Storage Fees (applies when storage is requested):
■ Sample : Forty-five(45) Days Complimentary - $2.00 / sample / mo thereafter.
Hardcopy Reports $17.50 per report.

BUSINESS HOURS 8:30 am to 5:30 pm

CIRCLE or Write IN Analyses Needed: 8260-624 (Volatiles); 8015B (GRO) / 8021 (BTEX); TO-15 / TO-14 / TO-3 / RSK-175; 8270B-625(BNA) / 8310(PAHs); 8015B(DRO)/8015B(HCID); 8081 OrgCl / ~~8141 OrgPO4 Pest~~; 8082 PCBs; 6010B-200.7 CAM Metals; 6010B-200.7 Metals; 6020B-200.8-1640 Metals; 7199-218.6 (Hex. Chromium); 300(Anions) / 314 (Perchlorate); lead

CIRCLE APPROPRIATE MATRIX: SOIL/SEDIMENT/SLUDGE; SOLIDS/WIPES/FILTERS; WATER-DRINKING/GROUND; WATER-STORM/WASTE; AQUEOUS/LAYERED-OIL

ITEM	Lab No.	Sample I.D. / Location	Sample Description	Date	Time	8081 OrgCl	lead	SOIL/SEDIMENT/SLUDGE	TAT	Container #	Container Type	PRESERVATION	REMARKS
1	1301538-29	G1-1-2	Composite D	5/23/13	0912	X	X	X	5day	1	5		HOLD
2	-30	G2-1-2	Composite D	↓	0902	↓	↓	↓	↓	↓	↓		↓
3	-31	G3-1-2	Composite D	↓	0845	↓	↓	↓	↓	↓	↓		↓
4	-32	G4-1-2	Composite E	↓	1255	↓	↓	↓	↓	↓	↓		↓
5	-33	G5-1-2	Composite E	↓	1152	↓	↓	↓	↓	↓	↓		↓
6	-34	G6-1-2	Composite E	↓	1202	↓	↓	↓	↓	↓	↓		↓
7	-35	G7-1-2	Composite F	↓	1227	↓	↓	↓	↓	↓	↓		↓
8	-36	G8-1-2	Composite F	↓	1217	↓	↓	↓	↓	↓	↓		↓
9	-37	G9-1-2	Composite F	↓	1212	↓	↓	↓	↓	↓	↓		↓
10	-38	L1-1-2		↓	1207		↓	↓	↓	↓	↓		↓

QA/QC: RTNE ☐ CT ☐ Legal ☐ SWRCB ☐ Logcode ____ OTHER ____

☐ Samples Submitted AFTER 3:30 PM, are considered received the following business day at 8:30 AM.
Weekend, Holiday, Off Hours Work ASK for QUOTE

Container Types: 1=Tube 2=VOA 3=Liter 4=Pint 5=Jar 6=Tedlar 7= Canister
Material: 1=Glass 2=Plastic 3=Metal
Preservatives: 1=HCl, 2=HNO_3 3=H_2SO_4 4=4°C 5=$Zn(Ac)_2$ 6=NaOH 7=$NA_2S_2O_4$

TAT 0	TAT 1	TAT 2	TAT 3	TAT 4	TAT 5	TAT 10
300% SURCHARGE SAME BUSINESS DAY IF RCV'D BY 9:00 AM	100% SURCHARGE NEXT BUSINESS DAY 5:30 PM	50% SURCHARGE 2ND BUSINESS DAY 5:30 PM	30% SURCHARGE 3RD BUSINESS DAY 5:30 PM	20% SURCHARGE 4TH BUSINESS DAY 5:30 PM	NO SURCHARGE 5-7 BUSINESS DAYS 5:30 PM	10% DISCOUNT 10th BUSINESS DAY 5:30 PM

For RUSH TCLP/STLC, add 2 days to respective TAT.
Subcon. TAT is 10-15 business days, Dioxin and Furans 21 business days.

DISTRIBUTION: **White** with report **Yellow** to folder **Pink** to submitter

CHAIN OF CUSTODY RECORD

ADVANCED TECHNOLOGY LABORATORIES
3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O.#: _____ Quote #: _____

As the authorized agent of the below named company, I hereby purchase testing services from ATL as dictated below and guarantee payment in full.

Submitter (Print): Sarah Price

Signature: Sarah Price

Submitter - Please complete all SHADED areas and include QUOTE # above to ensure proper invoicing.

FOR LABORATORY USE ONLY:

Method of Transport: ☐ Client ☐ ATL ☐ FedEx ☐ OnTrac ☐ GSO ☐ Other: _____

Sample Condition Upon Receipt

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

Client: Ninyo + Moore
Attn: Peter Sims
Address: 1956 Webster St
City: Oakland State: CA Zip Code: 94612
TEL: 510-343-3000
FAX: 510-343-3001

Project Name: Kent Ave Project #: 402090002

Sampler: (Printed Name) Sarah Price (Signature) Sarah Price

Relinquished by: (Signature and Printed Name) Sarah Price	Date: 5/23/13	Time: 1600	Received by: (Signature and Printed Name) Jeff Siegfried	Date: 5/23/13	Time: 400p
Relinquished by: (Signature and Printed Name) Jeff Siegfried	Date: 5/23/13	Time: 448p	Received by: (Signature and Printed Name) GSO	Date: 5/23/13	Time: 448p
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name) C. Smith	Date: 5/24/13	Time: 830

Bill To:
Attn: Peter Sims E-mail: psims@ninyoandmoore.com
Company: N+M
Address: 1956 Webster St
City: Oakland State: CA Zip: 94612

Send Report To:
Attn: Peter Sims E-mail:
Company: Same
Addrress:
City: State: Zip:

Special Instructions/Comments:

Sample/Records - Archival & Disposal
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Storage Fees (applies when storage is requested):
■ Sample : Forty-five(45) Days Complimentary - $2.00 / sample / mo thereafter.

Hardcopy Reports $17.50 per report.

CIRCLE or Write IN Analyses Needed

CIRCLE APPROPRIATE MATRIX

ITEM	BUSINESS HOURS 8:30 am to 5:30 pm Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TAT	Container(s) #	Type	PRESERVATION
1	1301538 - 39	L1-0-1	5/23/13	0915	5day	1	5	1
2	-40	L2-0-1		0905				
3	-41	L3-0-1		0850				
4	-42	L4-0-1		0630				
5	-43	L5-0-1		1130				
6	-44	L6-0-1		1140				
7	-45	L7-0-1		1155				
8	-46	L8-0-1		1240				
9	-47	L9-0-1		1230				
10	-48	L10-0-1		1220				

Matrix columns: 8260-624 (Volatiles); 8015B (GRO) / 8021 (BTEX); TO-15 / TO-14 / TO-3 / RSK-175; 8270B-625(BNA) / 8310(PAHs); 8015B(DRO)/8015B(HCID); 8081 OrgCl / 8141 OrgPO4 Pest; 8082 PCBs; 6010B-200.7 CAM Metals; 6010B-200.7 Metals; 6020B-200.8-1640 Metals; 7199-218.6 (Hex. Chromium); 300(Anions) / 314 (Perchlorate); Lead (6010B); SOIL/SEDIMENT/SLUDGE; SOLIDS/WIPES/FILTERS; WATER-DRINKING/GROUND; WATER-STORM/WASTE; AQUEOUS/LAYERED-OIL

QA/QC
RTNE ☐
CT ☐
Legal ☐
SWRCB ☐ Logcode____
OTHER ____
REMARKS

☐ Samples Submitted AFTER 3:30 PM, are considered received the following business day at 8:30 AM.

Weekend, Holiday, Off Hours Work ASK for QUOTE

Container Types: 1=Tube 2=VOA 3=Liter 4=Pint 5=Jar 6=Tedlar 7= Canister

Material: 1=Glass 2=Plastic 3=Metal

Preservatives: 1=HCl, 2=HNO_3 3=H_2SO_4 4=4°C 5=$Zn(Ac)_2$ 6=NaOH 7=$NA_2S_2O_4$

TAT 0	TAT 1	TAT 2	TAT 3	TAT 4	TAT 5	TAT 10
300% SURCHARGE SAME BUSINESS DAY IF RCV'D BY 9:00 AM ☐	100% SURCHARGE NEXT BUSINESS DAY 5:30 PM ☐	50% SURCHARGE 2ND BUSINESS DAY 5:30 PM ☐	30% SURCHARGE 3RD BUSINESS DAY 5:30 PM ☐	20% SURCHARGE 4TH BUSINESS DAY 5:30 PM ☐	NO SURCHARGE 5 -7 BUSINESS DAYS 5:30 PM ☐	10% DISCOUNT 10th BUSINESS DAY 5:30 PM ☐

For RUSH TCLP/STLC, add 2 days to respective TAT.

Subcon. TAT is 10-15 business days, Dioxin and Furans 21 business days.

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CHAIN OF CUSTODY RECORD

ADVANCED TECHNOLOGY LABORATORIES
3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O.#: _____ Quote #: _____

As the authorized agent of the below named company, I hereby purchase testing services from ATL as dictated below and guarantee payment in full.

Submitter (Print): Sarah Price

Signature: Sarah Price

Submitter - Please complete all SHADED areas and include QUOTE # above to ensure proper invoicing.

Method of Transport
☐ Client ☐ ATL
☐ FedEx ☐ OnTrac
☐ GSO
☐ Other: _____

FOR LABORATORY USE ONLY:

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

Client: Ninyo + Moore
Attn: Peter Sims
Address: 1956 Webster St Ste 400
City: Oakland State: CA Zip Code: 94612
TEL: 510-343-3000
FAX: 510-343-3001

Project Name: KentAve
Project #: 402090002
Sampler: (Printed Name) Sarah Price (Signature) Sarah Price

Relinquished by: (Signature and Printed Name)	Sarah Price	Date: 5/23/13	Time: 1600	Received by: (Signature and Printed Name)	Jeff Siegfried	Date: 5/23/13	Time: 4:00 pm
Relinquished by: (Signature and Printed Name)	Jeff Siegfried	Date: 5/23/13	Time: 448 pm	Received by: (Signature and Printed Name)	GSO	Date: 5/23/13	Time: 448 pm
Relinquished by: (Signature and Printed Name)		Date:	Time:	Received by: (Signature and Printed Name)		Date: 5/24/13	Time: 8:20

Bill To:
Attn: Peter Sims E-mail: psims@ninyoandmoore.com
Company: NnM
Address: 1956 Webster Street
City: Oakland State: CA Zip: 94612

Send Report To:
Attn: Peter Sims E-mail:
Company: Same
Addrress:
City: State: Zip:

Special Instructions/Comments:
Place Samples on HOLD Pending further instruction

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CIRCLE APPROPRIATE MATRIX

ITEM	BUSINESS HOURS 8:30 am to 5:30 pm: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8260-624 (Volatiles)	8015B (GRO) / 8021 (BTEX)	TO-15 / TO-14 / TO-3 / RSK-175	8270B-625(BNA) / 8310(PAHs)	8015B(DRO)/8015B(HCID)	8081 OrgCl / 8141 OrgPO4 Pest	8082 PCBs	6010B-200.7 CAM Metals	6010B-200.7 Metals	6020B-200.8-1640 Metals	7199-218.6 (Hex. Chromium)	300(Anions) / 314 (Perchlorate)	Lead (6010B)	SOIL/SEDIMENT/SLUDGE	SOLIDS/WIPES/FILTERS	WATER-DRINKING/GROUND	WATER-STORM/WASTE	AQUEOUS/LAYERED-OIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
1	1301538 - 49	L1-1-2	5/23/13	0913													X		X					5day	1	5 1		HOLD
2	- 50	L2-1-2		0907																								
3	- 51	L3-1-2		0855																								
4	- 52	L4-1-2		0835																								
5	- 53	L5-1-2		1135																								
6	- 54	L6-1-2		1145																								
7	- 55	L7-1-2		1157																								
8	- 56	L8-1-2		1245																								
9	- 57	L9-1-2		1235																								
10	- 58	L10-1-2		1222																								

QA/QC
RTNE ☐
CT ☐
Legal ☐
SWRCB ☐ Logcode____
OTHER ____

☒ Samples Submitted AFTER 3:30 PM, are considered received the following business day at 8:30 AM.

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Container Types: 1=Tube 2=VOA 3=Liter 4=Pint 5=Jar 6=Tedlar 7= Canister

Material: 1=Glass 2=Plastic 3=Metal

Preservatives: 1=HCl, 2=HNO_3 3=H_2SO_4 4=4°C 5=$Zn(Ac)_2$ 6=NaOH 7=$NA_2S_2O_4$

TAT 0	TAT 1	TAT 2	TAT 3	TAT 4	TAT 5	TAT 10
300% SURCHARGE SAME BUSINESS DAY IF RCV'D BY 9:00 AM	100% SURCHARGE NEXT BUSINESS DAY 5:30 PM	50% SURCHARGE 2ND BUSINESS DAY 5:30 PM	30% SURCHARGE 3RD BUSINESS DAY 5:30 PM	20% SURCHARGE 4TH BUSINESS DAY 5:30 PM	NO SURCHARGE 5 -7 BUSINESS DAYS 5:30 PM	10% DISCOUNT 10th BUSINESS DAY 5:30 PM

For RUSH TCLP/STLC, add 2 days to respective TAT.

Subcon. TAT is 10-15 business days, Dioxin and Furans 21 business days.

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

Rachelle Arada

From: Peter Sims [psims@ninyoandmoore.com]
Sent: Tuesday, May 28, 2013 3:14 PM
To: Rachelle Arada
Subject: 402090002 Kent Ave

Hi Rachelle,

Please analyze soil samples CP1-0-1, CP2-0-1, CP3-0-1, and CP4-0-1 for PCBs by EPA Method 8082 and PAHs by EPA Method 8270-SIM.

Thanks,

Peter D. Sims, LEED AP
Project Environmental Geologist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
1956 Webster Street, Suite 400
Oakland, California 94612
(510) 343-3000 x5216 (Office)
(510) 327-9335 (Cell Phone)
(510) 343-3001 (Fax)
psims@ninyoandmoore.com

New San Jose office
2149 O'Toole Avenue, Suite 10
San Jose, CA 95131
(408) 435-9000
(408) 435-9006 (Fax)

Experience · Quality · Commitment

ADVANCED TECHNOLOGY LABORATORIES

June 14, 2013

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No.: T104704502

Peter Sims
Ninyo & Moore
1956 Webster Street, Suite 400
Oakland, CA 94612
Tel: (510) 633-5640
Fax:(510) 633-5646

Re: ATL Work Order Number : 1301538

Client Reference : Kent Ave, 402090002

Enclosed are the results for sample(s) received on May 24, 2013 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

Certificate of Analysis

Ninyo & Moore		Project Number :	Kent Ave, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/14/2013

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
L10-1-2	1301538-58	Soil	5/23/13 12:22	5/24/13 8:30

Certificate of Analysis

Ninyo & Moore	Project Number : Kent Ave, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/14/2013

Client Sample ID L10-1-2
Lab ID: 1301538-58

Total Metals by ICP-AES EPA 6010B **Analyst: AG**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**13**	1.0	NA	1	B3F0270	06/13/2013	06/13/13 15:46	

QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3F0270 - EPA 3050B									
Blank (B3F0270-BLK1)				Prepared: 6/13/2013 Analyzed: 6/13/2013					
Lead	ND	1.0			NR				
LCS (B3F0270-BS1)				Prepared: 6/13/2013 Analyzed: 6/13/2013					
Lead	47.0102	1.0	50.0000		94.0	80 - 120			
Matrix Spike (B3F0270-MS1)		**Source: 1301538-58**		Prepared: 6/13/2013 Analyzed: 6/13/2013					
Lead	101.414	1.0	125.000	12.8533	70.8	51 - 106			
Matrix Spike Dup (B3F0270-MSD1)		**Source: 1301538-58**		Prepared: 6/13/2013 Analyzed: 6/13/2013					
Lead	107.922	1.0	124.378	12.8533	76.4	51 - 106	6.22	20	

Certificate of Analysis

Ninyo & Moore		Project Number :	Kent Ave, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/14/2013

Notes and Definitions

ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA1	CA-NELAP (CDPH)
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.

Rachelle Arada

From: Peter Sims [psims@ninyoandmoore.com]
Sent: Thursday, June 13, 2013 10:15 AM
To: Rachelle Arada
Subject: RE: Final report - Kent Ave, 402090002 (ATL# 1301538)

Hi Rachelle,

Please analyze sample L10-1-2 for lead by EPA 6010B on rush TAT (50% surcharge).

Thank you,

Peter D. Sims, LEED AP
Project Environmental Geologist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
1956 Webster Street, Suite 400
Oakland, California 94612
(510) 343-3000 x15216 (Office)
(510) 327-9335 (Cell Phone)
(510) 343-3001 (Fax)
psims@ninyoandmoore.com

New San Jose office
2149 O'Toole Avenue, Suite 10
San Jose, CA 95131
(408) 435-9000
(408) 435-9006 (Fax)

Experience · Quality · Commitment

-----Original Message-----
From: Rachelle Arada [mailto:Rachelle@atlglobal.com]
Sent: Tuesday, June 04, 2013 1:44 PM
To: Peter Sims
Subject: Final report - Kent Ave, 402090002 (ATL# 1301538)

Hi Peter,

Attached are the results for the above project.

Rachelle Arada
Project Manager

Advanced Technology Laboratories
www.atlglobal.com
Tel: (562) 989-4045 ext. 237
Fax: (562) 989-4040

ADVANCED TECHNOLOGY LABORATORIES

June 25, 2013

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No.: T104704502

Peter Sims
Ninyo & Moore
1956 Webster Street, Suite 400
Oakland, CA 94612
Tel: (510) 633-5640
Fax:(510) 633-5646

Re: ATL Work Order Number : 1301806

Client Reference : Ashland Housing Project, 402090002

Enclosed are the results for sample(s) received on June 18, 2013 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

Certificate of Analysis

Ninyo & Moore	Project Number : Ashland Housing Project, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/25/2013

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
L12-0-1	1301806-01	Soil	6/17/13 7:30	6/18/13 9:25
L13-0-1	1301806-03	Soil	6/17/13 7:55	6/18/13 9:25
L14-0-1	1301806-05	Soil	6/17/13 8:20	6/18/13 9:25

Certificate of Analysis

Ninyo & Moore		Project Number :	Ashland Housing Project, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/25/2013

Client Sample ID L12-0-1

Lab ID: 1301806-01

Total Metals by ICP-AES EPA 6010B **Analyst: AG**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**34**	1.0	NA	1	B3F0471	06/24/2013	06/24/13 14:25	

Certificate of Analysis

Ninyo & Moore		Project Number :	Ashland Housing Project, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/25/2013

Client Sample ID L13-0-1

Lab ID: 1301806-03

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**100**	1.0	NA	1	B3F0471	06/24/2013	06/24/13 15:36	

Certificate of Analysis

Ninyo & Moore	Project Number : Ashland Housing Project, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/25/2013

Client Sample ID L14-0-1
Lab ID: 1301806-05

Total Metals by ICP-AES EPA 6010B **Analyst: CB**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**12**	1.0	NA	1	B3F0471	06/24/2013	06/24/13 15:46	

QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3F0471 - EPA 3050B									
Blank (B3F0471-BLK1)				Prepared: 6/24/2013 Analyzed: 6/24/2013					
Lead	ND	1.0			NR				
LCS (B3F0471-BS1)				Prepared: 6/24/2013 Analyzed: 6/24/2013					
Lead	45.7341	1.0	50.0000		91.5	80 - 120			
Matrix Spike (B3F0471-MS1)		**Source: 1301806-01**		Prepared: 6/24/2013 Analyzed: 6/24/2013					
Lead	135.778	1.0	125.628	33.9971	81.0	51 - 106			
Matrix Spike Dup (B3F0471-MSD1)		**Source: 1301806-01**		Prepared: 6/24/2013 Analyzed: 6/24/2013					
Lead	139.737	1.0	125.000	33.9971	84.6	51 - 106	2.87	20	

Certificate of Analysis

Ninyo & Moore		Project Number :	Ashland Housing Project, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/25/2013

Notes and Definitions

ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA1	CA-NELAP (CDPH)
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.

CHAIN OF CUSTODY RECORD

Pg 1 of 1

ADVANCED TECHNOLOGY LABORATORIES
3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O.#: _____ Quote #: _____

As the authorized agent of the below named company, I hereby purchase testing services from ATL as dictated below and guarantee payment in full.

Submitter (Print): _____

Signature: _____

Submitter - Please complete all SHADED areas and include QUOTE # above to ensure proper invoicing.

FOR LABORATORY USE ONLY:

Method of Transport: ☐ Client ☐ ATL ☐ FedEx ☐ OnTrac ☑ GSO ☐ Other: _____

Sample Condition Upon Receipt: 5.1 °C

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

Client: Ninyo & Moore

Attn: Peter Sims

Address: 1956 Webster St. #400

City: Oakland State: CA Zip Code: 94612

TEL: 510 343 3000

FAX: 3001

Project Name: Ashland Housing Project

Project #: 402090002

Sampler: (Printed Name) Melissa Tenny (Signature) M Tenny

Relinquished by: (Signature and Printed Name) M Tenny Melissa Tenny	Date: 6/17/13	Time: 1310	Received by: (Signature and Printed Name) Jeff Siegfried GSO	Date: 6/17/13	Time: 110
Relinquished by: (Signature and Printed Name) Jeff Siegfried	Date: 6/17/13	Time: 1430	Received by: (Signature and Printed Name)	Date: 6/17/13	Time: 1430
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date: 6/18/13	Time: 935

Bill To: Attn: Peter Sims E-mail: Company: Ninyo & Moore Address: psims@ninyoandmoore.com City: State: Zip:

Send Report To: Attn: E-mail: Company: Same Address: City: State: Zip:

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all Samples and Hardcopy will be disposed Forty-five(45) days after generation of report - electronic copies retained for five(5) years.
Storage Fees (applies when storage is requested):
▪ Sample : Forty-five(45) Days Complimentary - $2.00 / sample / mo thereafter.
Hardcopy Reports $17.50 per report.

CIRCLE or Write IN Analyses Needed

CIRCLE APPROPRIATE MATRIX

ITEM	BUSINESS HOURS 8:30 am to 5:30 pm Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
1	130506 - 1	L12-0-1	6/17/13	0730	5	1	5 1	C	
2	- 2	L12-1-2		0745				C	Hold
3	- 3	L13-0-1		0755				C	
4	- 4	L13-1-2		0810				C	Hold
5	- 5	L14-0-1		0820				C	
6	- 6	L14-1-2		0830				C	Hold
7									
8									
9									
10									

8260-624 (Volatiles); 8015B (GRO) / 8021 (BTEX); TO-15 / TO-14 / TO-3 / RSK-175; 8270B-625(BNA) / 8310(PAHs); 8015B(DRO)/8015B(HCID); 8081 OrgCl / 8141 OrgPO4 Pest; 8082 PCBs; 6010B-200.7 CAM Metals; 6010B-200.7 Metals; 6020B-200.8-1640 Metals; 7199-218.6 (Hex. Chromium); 300(Anions) / 314 (Perchlorate); Lead (Pb) only 6010B; SOIL/SEDIMENT/SLUDGE; SOLIDS/WIPES/FILTERS; WATER-DRINKING/GROUND; WATER-STORM/WASTE; AQUEOUS/LAYERED-OIL

QA/QC
RTNE ☐
CT ☐
Legal ☐
SWRCB ☐ Logcode____
OTHER ____

▪ Samples Submitted AFTER 3:30 PM, are considered received the following business day at 8:30 AM.

Weekend, Holiday, Off Hours Work ASK for QUOTE

Container Types: 1=Tube 2=VOA 3=Liter 4=Pint 5=Jar 6=Tedlar 7=Canister

Material: 1=Glass 2=Plastic 3=Metal

Preservatives: 1=HCl, 2=HNO_3 3=H_2SO_4 4=4°C 5=Zn(Ac)$_2$ 6=NaOH 7=$NA_2S_2O_4$

TAT 0	TAT 1	TAT 2	TAT 3	TAT 4	TAT 5	TAT 10
300% SURCHARGE SAME BUSINESS DAY IF RCV'D BY 9:00 AM ☐	100% SURCHARGE NEXT BUSINESS DAY 5:30 PM ☐	50% SURCHARGE 2ND BUSINESS DAY 5:30 PM ☐	30% SURCHARGE 3RD BUSINESS DAY 5:30 PM ☐	20% SURCHARGE 4TH BUSINESS DAY 5:30 PM ☐	NO SURCHARGE 5 -7 BUSINESS DAYS 5:30 PM ☒	10% DISCOUNT 10th BUSINESS DAY 5:30 PM ☐

For RUSH TCLP/STLC, add 2 days to respective TAT.

Subcon. TATis 10-15 business days, Dioxin and Furans 21 business days.

ADVANCED TECHNOLOGY LABORATORIES

June 27, 2013

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No.: T104704502

Peter Sims
Ninyo & Moore
1956 Webster Street, Suite 400
Oakland, CA 94612
Tel: (510) 633-5640
Fax:(510) 633-5646

Re: ATL Work Order Number : 1301806

Client Reference : Ashland Housing Project, 402090002

Enclosed are the results for sample(s) received on June 18, 2013 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

Certificate of Analysis

Ninyo & Moore	Project Number : Ashland Housing Project, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/27/2013

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
L13-1-2	1301806-04	Soil	6/17/13 8:10	6/18/13 9:25

Certificate of Analysis

Ninyo & Moore	Project Number : Ashland Housing Project, 402090002
1956 Webster Street, Suite 400	Report To : Peter Sims
Oakland , CA 94612	Reported : 06/27/2013

Client Sample ID L13-1-2
Lab ID: 1301806-04

Total Metals by ICP-AES EPA 6010B **Analyst: AG**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	**18**	1.0	NA	1	B3F0544	06/26/2013	06/27/13 09:43	

QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3F0544 - EPA 3050B									
Blank (B3F0544-BLK1)				Prepared: 6/26/2013 Analyzed: 6/27/2013					
Lead	ND	1.0			NR				
LCS (B3F0544-BS1)				Prepared: 6/26/2013 Analyzed: 6/27/2013					
Lead	50.4785	1.0	50.0000		101	80 - 120			
Duplicate (B3F0544-DUP1)		**Source: 1301813-05**		Prepared: 6/26/2013 Analyzed: 6/27/2013					
Lead	94.1304	1.0		95.6200	NR		1.57	20	
Matrix Spike (B3F0544-MS1)		**Source: 1301813-05**		Prepared: 6/26/2013 Analyzed: 6/27/2013					
Lead	187.116	1.0	125.000	95.6200	73.2	51 - 106			
Matrix Spike Dup (B3F0544-MSD1)		**Source: 1301813-05**		Prepared: 6/26/2013 Analyzed: 6/27/2013					
Lead	208.189	1.0	125.000	95.6200	90.1	51 - 106	10.7	20	

Certificate of Analysis

Ninyo & Moore		Project Number :	Ashland Housing Project, 402090002
1956 Webster Street, Suite 400		Report To :	Peter Sims
Oakland , CA 94612		Reported :	06/27/2013

Notes and Definitions

ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
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RPD	Relative Percent Difference
CA1	CA-NELAP (CDPH)
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.

Rachelle Arada

From: Peter Sims [psims@ninyoandmoore.com]
Sent: Wednesday, June 26, 2013 9:46 AM
To: Rachelle Arada
Subject: RE: Results - Ashland Housing Project, 402090002 (ATL# 1301806)

Please analyze sample L13-1-2 for lead on >24 and <48 hour TAT.

Thank you,

Peter D. Sims, LEED AP
Project Environmental Geologist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
1956 Webster Street, Suite 400
Oakland, California 94612
(510) 343-3000 x15216 (Office)
(510) 327-9335 (Cell Phone)
(510) 343-3001 (Fax)
psims@ninyoandmoore.com

New San Jose office
2149 O'Toole Avenue, Suite 10
San Jose, CA 95131
(408) 435-9000
(408) 435-9006 (Fax)

Experience · Quality · Commitment

-----Original Message-----
From: Rachelle Arada [mailto:Rachelle@atlglobal.com]
Sent: Tuesday, June 25, 2013 2:53 PM
To: Peter Sims
Subject: Results - Ashland Housing Project, 402090002 (ATL# 1301806)

Hi Peter,

Attached are the results for the above project.

Rachelle Arada
Project Manager

Advanced Technology Laboratories
www.atlglobal.com
Tel: (562) 989-4045 ext. 237
Fax: (562) 989-4040