Phase II Environmental Site Assessment

California National Guard Armory Site
1040 Flower Street, Turlock, California

Prepared for:

The City of Turlock

Prepared by:

Rincon Consultants, Inc.
February 21, 2017

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February 21, 2017
Project No. 16-03292

Nathan Bray, P.E.
City of Turlock
156 South Broadway, Suite 150
Turlock, California 95380
Via email: NBray@turlock.ca.us

Subject: **Phase II Environmental Site Assessment**
California National Guard - Armory Site
1040 Flower Street, Turlock, California

Dear Mr. Bray:

This report presents the findings of a Phase II Environmental Site Assessment (ESA) completed by Rincon Consultants, Inc. for the property located at 1040 Flower Street, Turlock California. The subject property is a 1.5-acre parcel in use as the California National Guard Armory. The Phase II ESA was performed in conformance with our proposal dated December 13, 2016 and Service Request No. 02 dated December 23, 2016.

The accompanying report presents our findings regarding the collection and analysis of soil samples and dust wipe samples on the subject property. Thank you for selecting Rincon for this project. If you have any questions, or if we can be of any future assistance, please contact us.

Sincerely,
RINCON CONSULTANTS, INC.

Sarah A. Larese
Senior Environmental Scientist

Walter Hamann, PG, CEG, CHG
Vice President, Environmental Services

REGISTERED GEOLOGIST
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Phase II Environmental Site Assessment
1040 Flower Street, Turlock, California

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EXECUTIVE SUMMARY

Rincon Consultants has prepared this Phase II Environmental Site Assessment (ESA) for the property located at 1040 Flower Street, Turlock California (subject property) (Figure 1). The subject property is a 1.5-acre property currently owned by the City of Turlock and in use as the California National Guard Armory, occupied by the 149th Chemical Company (Figure 2). The California National Guard is ending their 99 year lease with the City of Turlock and wishes to exercise their lease option of leaving the improvements to the City. Rincon completed a Phase I ESA for the subject property (dated November 15, 2016) which identified potential recognized environmental conditions that warranted additional assessment. The purpose of this Phase II ESA was to assess subsurface soil for potential impact from organochlorine pesticides (OCPs), metals, volatile organic compounds (VOCs), and total petroleum hydrocarbons (TPH). Based on the age and historic use of the subject property as an armory and shooting range, the subject property was also sampled for lead and asbestos in the structures.

On January 13, 2017 a direct push rig was used to advance eight soil borings to a depth of 5.5-feet below ground surface (bgs) (Figure 2). The work was conducted by TEG Northern California, Inc. of Rancho Cordova, California, under the direct supervision of Rincon Consultants. Soil matrix samples were collected at 0.0-0.5-foot, 2.0-2.5- feet, and 5.0-5.5-feet bgs from each soil boring. Rincon personnel collected three dust wipe samples from the interior of the former shooting range structure to assess the presence of lead associated with the historic use as a shooting range.

Additionally, because the main building on the subject property was built prior to 1963, lead-based paint (LBP) and asbestos-containing building materials (ACBM) surveys were conducted by Stockton Environmental, Inc., of Stockton, California by accredited inspectors.

Soil samples collected at 0.0-0.5-foot and 2.0-2.5-feet from all eight borings were analyzed for OCPs by EPA Method 8081A and 17CCR Total Metals by EPA Method 6010B/7471A. A total of 16 soil samples were analyzed. The 5.0-5.5 -foot samples were held pending results of the 0.0-0.5-foot and 2.0-2.5-foot samples. Concentrations of metals were detected in all 16 shallow soil samples analyzed and were within the accepted background range for metals in California soils. Concentrations of chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, dieldrin, heptachlor, and heptachlor epoxide were reported in 13 of the 16 shallow soil samples analyzed for OCPs. Only one concentration of chlordane reported at 9.8 mg/kg in B4 (0.5-foot) exceeded the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Level (ESL) for chlordane in commercial/industrial soil of 2.2 mg/kg.

Soil samples collected at 0.0-0.5 feet and 2.0-2.5 feet from three borings in the vehicle parking area (B6, B7, and B8) were analyzed for VOCs by EPA Method 8260B and TPH (carbon chain) by EPA Method 8015B. The soil samples from 5.0-5.5 feet were held pending results of the 0.0-0.5 and 2-2.5 feet samples. Concentrations of TPH (motor oil range), toluene, and total xylenes were reported; however, none of the concentrations exceeded their respective ESLs.

Three dust wipe samples were collected from the interior of the former shooting range structure to assess the presence of lead associated with the historic use as a shooting range. Dust wipe samples were analyzed for total lead by EPA Method 6010B. Concentrations in dust wipe samples N1, N2, and N3 were reported at 12,000 micrograms per square foot ($\mu g/ft^2$), 140 $\mu g/ft^2$, and 49 $\mu g/ft^2$, respectively. Currently, there is no occupational exposure limit for lead

contamination on surfaces. However, in a Federal compliance instruction for lead in the construction industry, the Occupational Safety and Health Administration (OSHA) has provided a level of acceptable lead loading (surface dust levels) for non-lead work areas (clean areas outside lead work areas, such as lunchrooms, etc.) of 200 µg/ft² (OSHA, 1993.

Based on the findings of the LBP and ACBM survey conducted at the subject property by Stockton Environmental, Inc. (SEI), none of the 23 bulk samples collected for asbestos analysis were identified to contain levels of asbestos at or above the regulatory thresholds for asbestos. Four of the 10 samples collected for LBP analysis were found to be below the Consumer Product Safety Commission's (CPSC) level of less than 0.06% lead by weight. Six of the 10 samples collected for LBP analysis were reported to be below OSHA's definition of Lead Based Paint (0.5% by weight) but greater than the CPSC definition of "lead-free paint" (less than 0.06% by weight). None of the samples analyzed exceeded the Environmental Protection Agency's (EPA's) definition of "Lead Based Paint" (0.5% by weight or greater). Additional details of the LBP and asbestos surveys performed for the subject property can be found in the full report, included as Appendix 1.

It is Rincon's understanding that future use of the subject property is intended to be commercial/industrial. Based on the results of the soil assessment for the Phase II ESA and future intended use of the subject property as it has been presented to Rincon, no additional subsurface soil assessment is warranted. One sample (B4 at 0.5 fbg) had chlordane detected above the SFBRWQCB ESL for commercial land use. This ESL is for direct exposure to the soil. The chlordane is likely from the historic agricultural use of the subject property before it was developed with the current structures. The soil sample with the elevated concentration of chlordane was obtained from an area of exposed soil. If the area near this boring is to be a place where people are allowed to access, then we recommend that this soil having elevated chlordane be removed and disposed offsite.

Based on concentrations of lead reported to exceed 200 µg/ft² in one of the dust wipe samples collected from the interior walls of the former shooting range, it is recommended that the lead dust be removed from the interior of the building. Removal of lead dust should be conducted under the guidance of an Independent State Certified Consultant.

Additionally, based on the findings of the LBP and ACBM survey conducted at the subject property by SEI, it is recommended that renovation/demolition activities of this project be considered "lead related construction work" in accordance with OSHA CCR Title 17, division 1, chapter. 8, article 1. If suspect ACBM or painted surfaces not discussed in the attached report are discovered during future demolition/renovation operations, all general work activities which could impact the discovered painted surface should cease until confirmation sampling can be conducted

Should the future intended use of the subject property differ from what has been presented to Rincon, additional subsurface assessment to further characterize the extent of impact from OCPs may be warranted. Should offsite disposal of soils become necessary, additional soil samples may be required.

INTRODUCTION

This report presents the results of the subsurface soil investigation conducted by Rincon Consultants, Inc. for the City of Turlock at the site located at 1040 Flower Street, Turlock, California (Figure 1). Based on the findings of our previous Phase I report dated November 15, 2016, a subsurface investigation, which included soil sampling, a dust wipe, and a LBP and asbestos survey, was performed.

PROJECT HISTORY

A Phase I ESA was prepared for the subject site by Rincon (report dated November 15, 2016). The subject property is owned by the City of Turlock and is currently in use as the California National Guard Armory, occupied by the 149th Chemical Company.

Based on the age of the buildings located onsite and the historic and current uses of the property by the National Guard as an Armory and shooting range, a subsurface soil investigation and LBP and asbestos surveys were conducted.

PURPOSE AND SCOPE

The purpose of the subsurface soil investigation was to identify if OCPs, metals, VOCs, or TPH are present in the soil beneath the subject property.

Our scope of work included the following:

- **Utility Notification.** Pre-mark boring locations and contact Underground Services Alert (USA) to mark areas where underground public utilities might be located in the drilling area.
- **Soil Sampling.** Eight soil borings (B1 through B8) were advanced throughout the subject property with a direct push drill rig to a depth of 5.0-5.5-feet bgs. Soil samples were collected from 0.0-0.5-, 2.0-2.5-, and 5.0-5.5- feet bgs from each soil boring.
- **Dust Wipe Sampling.** Three dust wipe samples (N1 through N3) were collected from the interior walls within the former shooting range located at the subject property.
- **Laboratory Analysis**. Shallow soil samples collected from 0.0-0.5-foot and 2.0-2.5-feet bgs in all eight borings were analyzed for OCPs by EPA Method 8081A and 17CCR Total Metals by EPA Method 6010B/7471A. A total of 16 soil samples were analyzed. Soil samples collected at 0.0-0.5-foot and 2.0-2.5-feet from three borings in the vehicle parking area (B6, B7, and B8) were also analyzed for VOCs by EPA Method 8260B TPH by EPA Method 8015B. Based on the laboratory results of the shallow soil samples, the 5.0-5.5-feet samples were not analyzed. Dust wipe samples were analyzed for lead by EPA Method 6010B.
- **Lead Based Paint and Asbestos Survey.** Due to the age of the main building on the subject property (built prior to 1963), LBP and ACBM surveys were conducted by SEI of Stockton, California by accredited inspectors.
- **Reporting.** Prepare this report documenting our findings.

GEOLOGIC AND HYDROGEOLOGIC SETTING

TOPOGRAPHY

The current USGS topographic map (Turlock Quadrangle, 2012) indicates that the subject property is situated at an elevation of about 95 feet above mean sea level with topography sloping down to the southwest. The adjacent topography is generally flat.

SITE GEOLOGY

According to the California Geologic Survey (1967), the subject property is underlain by alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly nonmarine, but includes marine deposits near the coast from the Pleistocene-Holocene era. Soil matrix boring logs of B1-B8 are included as Appendix 2.

REGIONAL GROUNDWATER OCCURRENCE AND QUALITY

The site is located within the San Joaquin Valley groundwater basin. During the preparation of this Phase I ESA, we reviewed the California State Water Resources Control Board's (SWRCB's) online GeoTracker database to determine groundwater flow direction in the vicinity for the site. According to groundwater monitoring reports for a former ARCO station located at 1030 West Main Street (about 845 feet south of the subject property), the depth to groundwater is about 81 feet bgs and flows to the southwest.

METHODOLOGY

On January 13, 2017 a direct push rig was used to advance eight soil borings to a depth of 5.5-feet bgs (Figure 2). The work was conducted by TEG Northern California, Inc. of Rancho Cordova, California, under the direct supervision of Rincon Consultants. Soil matrix samples were collected at 0.0-0.5-foot, 2.0-2.5- feet, and 5.0-5.5-feet bgs from each soil boring. In addition to the soil matrix samples, Rincon personnel collected three dust wipe samples from the interior of the former shooting range structure to assess the presence of lead associated with the historic use of the building as a shooting range.

Additionally, because the main building on the subject property was built prior to 1963, LBP and ACBM surveys were conducted by SEI. The survey was completed by a California Certified Asbestos Consultant and State of California Department of Health Services (DHS) Certified Lead Inspector/Assessor and included a visual reconnaissance of the onsite structures to evaluate the possible presence of asbestos-containing materials and lead-based paint coated surfaces, as well as the collection of building material samples and paint chip samples for laboratory analysis.

SOIL BORING ADVANCEMENT AND SAMPLING

Eight soil borings (B1 through B8) were advanced at the subject property using a direct push drill rig (Figure 2). Soil borings were advanced to a total depth of 5-feet bgs. Soil matrix boring logs are included as Appendix 2.

Soil samples were collected at 0.0-0.5-foot, 2.0-2.5-feet, and 5.0-5.5-feet bgs from each of the eight soil borings. The soil samples were collected in acetate sleeves and/or 8-ounce glass jars, which were properly labeled and stored in a cooler with ice for delivery to a state-accredited analytical laboratory under chain-of-custody documentation.

LEAD DUST SAMPLING

Three dust wipe samples were collected from the interior of the former shooting range structure to assess the presence of lead associated with the historic use of the building as a shooting range. Samples were collected from interior wall faces, approximately 3-feet above the interior floor (Figure 2). Dust wipe samples were stored in glass jars for delivery to a state-accredited analytical laboratory under chain-of-custody documentation.

LEAD BASED PAINT AND ASBESTOS SAMPLING

Stockton Environmental collected 10 paint chip samples at the subject property. The samples were collected, sealed in sampling containers, and delivered to an accredited laboratory for analysis. Additionally, 23 representative bulk samples were collected for asbestos analysis. Samples were collected from materials such as roofing materials, drywall joint compound, vinyl sheet flooring, sprayed acoustic ceiling material and exterior stucco. The samples were collected, sealed in sampling containers, and delivered to an accredited laboratory for analysis.

LABORATORY ANALYSIS

A total of 24 soil matrix samples and three dust wipe samples were sent to BC Laboratories, Inc., of Bakersfield, California. Shallow soil matrix samples (0.0-0.5-foot and 2.0-2.5-feet bgs) from all eight borings were analyzed for OCPs by EPA Method 8081A and 17CCR Total Metals by EPA Method 6010B/7471A. Soil samples collected at 0.0-0.5 feet and 2.0-2.5 feet from three borings in the vehicle parking area (B6, B7, and B8) were also analyzed for VOCs by EPA Method 8260B and TPH (carbon chain) by EPA Method 8015B. A total of 16 soil samples were analyzed. The 5.0-5.5 -foot samples from all eight borings were held pending results of the 0.0-0.5-foot and 2.0-2.5-foot samples; however, based on the laboratory analytical results from the shallow soil samples, none of the 5.0-5.5-foot soil samples were analyzed. The three dust wipe samples were analyzed for total lead by EPA Method 6010B.

Paint chip samples collected by SEI for the presence of LBP were analyzed for lead by AA/Flame in accordance with the EPA's Method 7420, and samples collected for the presence of ACBM were analyzed for asbestos by Polarized Light Microscopy (PLM). Samples were collected using EPA sampling procedures.

RESULTS

Based on the future intended use of the subject property and the depth to groundwater beneath the site (approximately 80 feet bgs), soil matrix analytical results were compared to the commercial/industrial Environmental Screening Levels (ESL) for shallow soil direct exposure to human health established by the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB). ESLs provide conservative screening levels for over 100 chemicals.

Currently, there is no occupational exposure limit for lead contamination on surfaces. However, in a Federal compliance instruction for lead in the construction industry, OSHA has provided a level of acceptable lead loading (surface dust levels) for non-lead work areas (clean areas outside lead work areas, such as lunchrooms, etc.) of 200 µg/ft². While not a legally applicable threshold value, 200 µg/ft² is used as the suggested industry guideline for cleanliness in public spaces (OSHA, 1993).

SOIL MATRIX LABORATORY RESULTS

The analytical results of the soil matrix investigation are presented in Tables 1 through 3. Copies of the laboratory analytical reports are included in Appendix 3.

Concentrations of metals were detected in all 16 shallow soil samples analyzed. None of the concentrations of metals were reported above their respective ESL for commercial/industrial shallow soil with the exception of arsenic with concentrations ranging from 0.50J mg/kg to 1.4 mg/kg (where a "J" qualifier denotes an estimated value). Although these concentrations of arsenic exceeded the ESL for arsenic of 0.31 mg/kg, concentrations of arsenic were within the accepted background range (0.6 mg/kg–11 mg/kg) for trace and major elements in California soils, as published by the by Kearney Foundation (1996). Metals can be naturally occurring in soil and the analytical results indicated that the detected concentrations of metals in the soil samples were consistent with background values of metals in California soil.

Concentrations of chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, dieldrin, heptachlor, and heptachlor epoxide were reported in 13 of the 16 shallow soil samples analyzed for OCPs; however, only one concentration of chlordane reported at 9.8 mg/kg in B4 (0.5-foot) exceeded the ESL for chlordane of 2.2 mg/kg.

Concentrations of TPH (motor oil range) were reported in two of the six shallow soil matrix samples analyzed, at concentrations of 75 mg/kg (B8, 0.5-foot) and 550 mg/kg (B7, 0.5-foot). No VOCs were reported in the six soil matrix samples analyzed, with the exception of total xylenes and toluene, ranging in concentration from 0.0034J mg/kg to 0.0047J mg/kg, and 0.0048 mg/kg to 0.0084 mg/kg, respectively. None of the reported concentrations of TPH, total xylenes, or toluene exceeded their respective ESL. Based on the analytical results from the shallow soil samples, none of the 5.0-5.5-foot samples were analyzed.

DUST WIPE LABORATORY RESULTS

Concentrations in dust wipe samples N1, N2, and N3 were reported at 12,000 micrograms per square foot (µg/ft²), 140 µg/ft², and 49 µg/ft², respectively. Although there is no occupational exposure limit for lead contamination on surfaces, dust wipe sample N1 exceeds OSHA's

suggested industry guideline for cleanliness in public spaces of 200 µg/ft². A summary of laboratory analytical data is presented in Table 4 and a copy of the laboratory analytical report is included in Appendix 3.

LBP AND ASBESTOS SURVEY RESULTS

Based on the findings of the LBP and ACBM survey conducted at the subject property by Stockton Environmental, Inc., none of the 23 bulk samples collected for asbestos analysis were identified to contain levels of asbestos at or above the regulatory thresholds for asbestos. Four of the 10 samples collected for LBP analysis were found to be below the CPSC level of less than 0.06% lead by weight. Six of the 10 samples collected for LBP analysis were reported to be below OSHA's definition of Lead Based Paint (0.5% by weight) but greater than the CPSC definition of "lead-free paint (less than 0.06% by weight). None of the samples analyzed exceeded the Environmental Protection Agency's EPA's definition of "Lead Based Paint" (0.5% by weight or greater). Additional details of the LBP and asbestos surveys performed for the subject property can be found in the Stockton Environmental, Inc. full report, included as Appendix 1.

CONCLUSIONS

It is Rincon's understanding that future use of the subject property is intended to be commercial/industrial. Based on the results of the soil assessment for the Phase II ESA and future intended use of the subject property as it has been presented to Rincon, no additional subsurface soil assessment is warranted. One sample (B4 at 0.5 fbg) had chlordane detected above the SFBRWQCB ESL for commercial land use. This ESL is for direct exposure to the soil. The chlordane is likely from the historic agricultural use of the subject property before it was developed with the current structures. The soil sample with the elevated concentration of chlordane was obtained from an area of exposed soil. If the area near this boring is to be a place where people are allowed to access, then we recommend that this soil having elevated chlordane be removed and disposed offsite.

Based on concentrations of lead reported to exceed 200 µg/ft² in one of the dust wipe samples collected from the interior walls of the former shooting range, it is recommended that the lead dust be removed from the interior of the building. Removal of lead dust should be conducted under the guidance of an Independent State Certified Consultant.

Additionally, based on the findings of the LBP and ACBM survey conducted at the subject property by Stockton Environmental, Inc., SEI recommends that renovation/demolition activities of this project be considered "lead related construction work" in accordance with OSHA CCR Title 17, division 1, chapter. 8, article 1. If suspect ACBM or painted surfaces not discussed in the attached report are discovered during future demolition/renovation operations, all general work activities which could impact the discovered painted surface should cease until confirmation sampling can be conducted

Should the future intended use of the subject property differ from what has been presented to Rincon, additional subsurface assessment to further characterize the extent of impact from

OCPs may be warranted. Should offsite disposal of soils become necessary, additional soil samples may be required.

LIMITATIONS

This report has been prepared for and is intended for the exclusive use of the City of Turlock. The contents of this report should not be relied upon by any other party without the written consent of Rincon Consultants, Inc.

Our conclusions regarding the subject property are based on the results of a limited sampling program. The results of this evaluation are qualified by the fact that only limited sampling and analysis was conducted during this assessment.

This scope was not intended to completely establish the quantities and distribution of contaminants present at the subject property or to determine the cost to remediate the subject property. The concentrations of contaminants measured at any given location may not be representative of conditions at other locations. Further, conditions may change at any particular location as a function of time in response to natural conditions, chemical reactions and other events. Conclusions regarding the condition of the subject property do not represent a warranty that all areas within the subject property are similar to those sampled.

REFERENCES

The following reference materials were used in preparation of this Phase II ESA:

Rincon Consultants, *Phase I Environmental Site Assessment,* November 15, 2016.

California Geologic Survey (CGS), *Geologic Atlas of California Map No. 009,1967.*

USGS *topographic map, 2012, Turlock Quadrangle.*

California Department of Water Resources (DWR), *California's Groundwater Bulletin 118*, 2003.

Regional Water Quality Control Board (RWQCB) online database (*GeoTracker*).

San Francisco Bay Regional Water Quality Control Board, *Environmental Screening Levels*, February, 2016.

University of California, *Kearney Foundation Background Concentrations of Trace and Major Elements in California Soils*, 1996.

Occupational Safety and Health Administration (OSHA), *OSHA Instruction CPL 2-2.58, 29 CFR 1926.62 Lead Exposure In Construction,* December 13, 1993.

Tables

Table 1

Soil Matrix Analytical Summary - Organochlorine Pesticides (OCPs) (8081A)

1040 Flower Street, Turlock, California

Results in milligrams/kilogram (mg/kg)

January 13, 2017

Soil Boring	Sampling Depth (feet bgs)	Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Heptachlor	Heptachlor Epoxide	Other OCPs
B1	0.5	0.018J	ND	0.00070J	0.00044J	ND	ND	ND	ND
	2.5	ND	ND	0.00028J	ND	ND	ND	ND	ND
B2	0.5	ND	ND	0.00038J	ND	ND	ND	ND	ND
	2.5	ND	ND	ND	ND	ND	ND	ND	ND
B3	0.5	ND	ND	0.00066J	ND	ND	ND	ND	ND
	2.5	ND	ND	ND	ND	ND	ND	ND	ND
B4	0.5	**9.8**	0.56	0.060	ND	ND	0.019	ND	ND
	2.5	1.0	0.0076	0.025	0.0062	ND	ND	0.064	ND
B5	0.5	0.28J	0.015	0.0050	0.0044	0.0021J	0.0017J	0.013	ND
	2.5	0.011J	ND	ND	ND	ND	ND	ND	ND
B6	0.5	0.40	0.010	0.0027J	0.0028J	0.0015J	0.0061	0.0061	ND
	2.5	0.018J	ND	0.00032J	ND	ND	ND	ND	ND
B7	0.5	ND	ND	0.0010J	ND	ND	ND	ND	ND
	2.5	ND	ND	ND	ND	ND	ND	ND	ND
B8	0.5	0.63	0.020	0.0073	0.0051	0.0022J	ND	0.015	ND
	2.5	ND	0.00040J	0.0011J	ND	ND	ND	ND	ND
Laboratory Reporting Limit		0.0043 - 0.045	0.00024 - 0.013	0.00024 - 0.0025	0.00022 - 0.0023	0.00020 - 0.00042	0.00016 - 0.0030	0.00022 - 0.0023	0.00010 - 0.0039
Commercial RWQCB ESL		*2.2*	*12*	*8.5*	*8.5*	*0.17*	*0.60*	*0.30*	*Varies*

Notes:

bgs = below ground surface

ND = not detected above the laboratory reporting limit

Bold = Exceedance of commercial ESL

J = flag indicating an estimated value

RWQCB ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (ESL), February 2016 - for commercial/industrial use, shallow soil, direct exposure human health risk levels.

Table 2
Soil Matrix Analytical Summary - Total Metals (6010B/7471A)
1040 Flower Street, Turlock, California
Results in milligrams/kilogram (mg/kg)
January 13, 2017

Soil Boring	Sampling Depth (feet bgs)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
B1	0.5	ND	**1.2**	27	0.081J	ND	3.6	1.5J	4.1	2.3J	ND	ND	2.3	ND	0.069J	ND	16	12
	2.5	ND	ND	36	0.10J	ND	4.9	2.1J	3.5	1.6J	ND	ND	4.1	ND	0.082J	ND	17	15
B2	0.5	ND	**1.5**	29	0.087J	ND	3.8	1.7J	5.3	3.3	ND	ND	2.6	1.1	0.072J	ND	16	17
	2.5	ND	ND	34	0.083J	ND	4.1	1.8J	3.2	1.3J	ND	ND	3.1	ND	0.085J	ND	15	12
B3	0.5	ND	**1.2**	30	0.083J	ND	4.0	1.8J	6.0	4.6	ND	ND	2.3	ND	ND	ND	18	14
	2.5	ND	**0.78J**	37	0.092J	ND	4.2	1.9J	3.4	1.6J	ND	ND	3.1	ND	0.076J	ND	16	13
B4	0.5	ND	**1.4**	29	0.081J	ND	3.8	1.6J	4.4	3.0	ND	ND	2.3	ND	0.068J	ND	15	46
	2.5	ND	ND	33	0.081J	ND	3.9	1.7J	3.1	2.2J	ND	ND	2.6	ND	0.068J	ND	14	13
B5	0.5	ND	ND	33	0.093J	ND	4.3	1.8J	3.6	4.0	ND	ND	3.2	ND	ND	ND	16	16
	2.5	ND	**0.62J**	32	0.097J	ND	4.2	1.9J	3.4	1.5J	ND	ND	3.3	ND	ND	ND	15	13
B6	0.5	ND	**1.1**	33	0.091J	ND	6.1	2.0J	5.0	2.6	ND	ND	5.7	ND	0.095J	ND	18	15
	2.5	ND	**0.51J**	34	0.099J	ND	4.5	1.8J	3.5	1.4J	ND	ND	3.2	ND	ND	ND	17	14
B7	0.5	ND	**0.50J**	34	0.093J	ND	4.8	1.8J	3.5	1.7J	ND	ND	4.2	1.0	0.080J	ND	16	13
	2.5	ND	**0.60J**	33	0.12J	ND	5.3	2.1J	3.9	2.4J	ND	ND	4.2	ND	0.11J	ND	17	15
B8	0.5	ND	**0.86J**	32	0.090J	ND	4.8	1.7J	4.2	2.8	ND	ND	3.3	ND	ND	ND	17	14
	2.5	ND	ND	32	0.086J	ND	4.4	1.7J	3.5	1.6J	ND	ND	3.1	ND	0.080J	ND	16	13
Laboratory Reporting Limit		0.33	0.40	0.18	0.047	0.052	0.050	0.098	0.050	0.28	0.041	0.050	0.15	0.98	0.067	0.64	0.11	0.087
Background Concentration		*0.15 - 1.95*	*0.6 - 11*	*133 - 1,400*	*0.25 - 2.70*	*0.05 - 1.70*	*23 - 1,579*	*2.7 - 46.9*	*9.1 - 96.4*	*12.4 - 97.1*	*0.05 - 0.90*	*0.1 - 9.6*	*9.0 - 509*	*0.015 - 0.430*	*0.10 - 8.3*	*0.17- 1.1*	*39 - 288*	*88 - 236*
Commercial RWQCB ESL		*470*	*0.31*	*220,000*	*2,200*	*580*	*NE*	*350*	*47,000*	*320*	*190*	*5,800*	*11,000*	*5,800*	*5,800*	*12.00*	*5,800*	*350,000*

Notes:
bgs = below ground surface
ND = not detected above the laboratory reporting limit
J = flag indicating an estimated value
Bold = Exceedance of ESL; however, reported value is within the accepted background concentration range.
Background Concentration = Kearney, *Background Concentrations of Trace and Major Elements in California Soils,* University of California, 1996
RWQCB ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (ESL), February 2016 - for commercial/Industrial shallow soil, direct exposure human health risk levels .

Table 3

Soil Matrix Analytical Summary - Total Petroleum Hydrocarbons (TPH) (8015B) and
Volatile Organic Compounds (VOCs) (8260B)
1040 Flower Street, Turlock, California
Results in milligrams/kilogram (mg/kg)
January 13, 2017

Soil Boring	Sampling Depth (feet bgs)	TPH - Gasoline	TPH - Diesel	TPH - Motor Oil	Toluene	Total Xylenes	p- and m- Xylenes	o- Xylenes	Other VOCs
B6	0.5	ND	ND	ND	0.0077	0.0034J	0.0023J	ND	ND
	2.5	ND	ND	ND	ND	ND	ND	ND	ND
B7	0.5	ND	ND	550	0.0048	ND	ND	ND	ND
	2.5	ND	ND	ND	ND	ND	ND	ND	ND
B8	0.5	ND	ND	75	0.0084	0.0047J	0.0033J	0.0014J	ND
	2.5	ND	ND	ND	ND	ND	ND	ND	ND
Laboratory Reporting Limit		5.0 - 100	1.2 - 24	6.5 - 130	0.00091 - 0.0012	0.0026 - 0.0034	0.0017 - 0.0022	0.00091 - 0.0012	Varies
Commercial RWQCB ESL		*3,900*	*1,100*	*140,000*	*4,600*	*2,400*	-	-	*Varies*

Notes:

bgs = below ground surface

ND = not detected above the laboratory reporting limit

J = flag indicating an estimated value

RWQCB ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (ESL), February 2016 - for commercial/industrial shallow soil, direct exposure human health risk levels.

Table 4

Dust Wipe Analytical Summary - Lead (6010B)

1040 Flower Street, Turlock, California

January 13, 2017

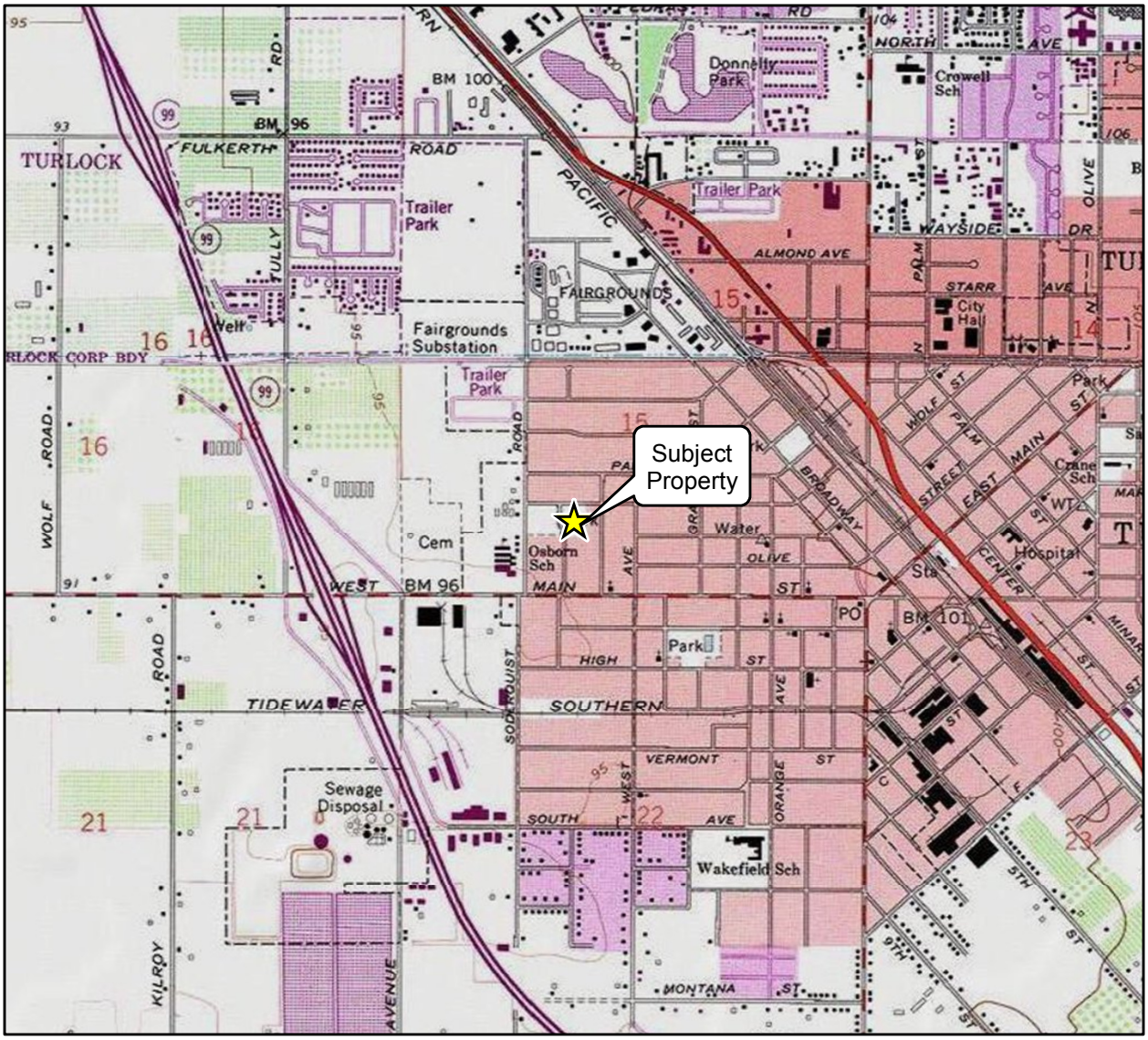
Wipe Sample	Lead ($\mu g/ft^2$)
N1	12,000
N2	140
N3	49
Laboratory Reporting Limit	0.28 - 1.4
OSHA Suggested Threshold	*200*

Notes:

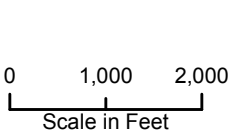
$\mu g/ft^2$ = micrograms per square foot

OSHA Suggested Threshold= Occupational Safety and Health Administration suggested level of acceptable lead loading (surface dust levels) for non-lead work areas. Suggested guideline only; not a legal limit.

Figures



Imagery provided by National Geographic Society, ESRI and its licensors © 2016. The topographic representation depicted in this map may not portray all of the features currently found in the vicinity today and/or features depicted in this map may have changed since the original topographic map was assembled.



Vicinity Map

Figure 1

Imagery provided by Google and its licensors © 2016.

Sample Location Map

Figure 2

Appendix 1

Lead Based Paint and Asbestos Containing Building Materials Report

STOCKTON ENVIRONMENTAL, INC.

ASBESTOS AND LEAD BASED PAINT SAMPLING REPORT

CONDUCTED AT:

1040 Flower St.
Turlock, CA 95380

"National Guard Building"

PREPARED FOR:

Rincon Consultants, Inc
180 N. Ashwood Ave.
Ventura, CA 93003

C/o Savanna Vrevich

PREPARED BY:

Stockton Environmental, Inc.
Report No. 005.17asb/pb
01/20/17

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Inspection Report

APPENDICES

EXECUTIVE SUMMARY

Introduction:

On January 13, 2017, **Stockton Environmental Inc. (SEI)** performed an inspection for Asbestos-Containing Materials (ACM) and Lead Based Paint (LBP). Mr. Dwayne G. McAllister, certificate number 92-0213, conducted asbestos consulting services for SEI. Mr. Gabriel Munoz conducted lead sample collection services for SEI, a California Department of Public Health (CDPH) accredited Sampling Technician CDPH # 27626 under the direction of Mr. Randolph Brooke, a Public Health (CDPH) accredited Inspector, CDPH #24418.

Scope of Services:

SEI's inspections were conducted to identify the presence of any Regulated Asbestos Containing Materials (RACM) (within the specified scope) in accordance with the Federal Environmental Protection Agency Regulation 40 CFR Part 763.85 and the San Joaquin Valley Air Pollution Control District (SJVAPCD) Asbestos Notification and Inspection Requirements.

The Lead Based Paint inspection was conducted to identify the presence of lead for compliance with the Occupational Safety and Health Administration's (OSHA) and the Environmental Protection Agencies (EPA) regulatory requirements pertaining to worker protection and waste disposal.

Note; this inspection was limited to specific locations and materials discussed in this report.

Regulatory Limits:

Asbestos

- Federal regulations define "Asbestos Containing Material (ACM)" as containing 1.0% or greater of asbestos by weight.

- California OSHA defines "Asbestos Containing Construction Material (ACCM)" as 0.1% or greater asbestos by weight.

- California Business & Professions Code Division 3, Chapter 9. Contractors, Article 4. Classifications 7058.5. (a) - No contractor shall engage in asbestos-related work, as defined in Section 6501.8 of the Labor Code, which involves 100 square feet or more of surface area of asbestos containing materials, unless the qualifier for the license passes an asbestos certification examination.

Local Air Quality District define asbestos as

- RACM – Regulated Asbestos Containing Material means (a) friable ACM, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be subjected to sanding, grinding, cutting or, abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.

- Category I non-friable asbestos-containing material (ACM) means asbestos-containing packings, gaskets, resilient floor cover, and asphalt roofing products containing more than 1 percent asbestos.

- Category II non-friable ACM means any material excluding Category I non-friable ACM containing more than 1 percent asbestos.

Written notification to the District is required for the following:

1. Any regulated demolition, whether or not asbestos is present.

2. Any regulated renovation in which the following will be disturbed:
   - **160** square feet or more of regulated asbestos-containing materials or,
   - **260** linear feet or more of regulated asbestos-containing pipe insulation

Lead

- Federal regulations define "Lead Based Paint (LBP)" as containing 0.5% or greater of lead by weight.

- Compliance with the OSHA Lead in Construction Standard, 29CFR 1926.62 is required if any lead is present in the sample (Lead Containing Paint 0.5% or less of lead by weight).

- The Consumer Product Safety Commission (CPSC) defines "lead-free paint as less than 0.06%.

Site Description:

The site is comprised of the accessible interior/exterior materials associated with the National Guard Building located at 1040 Flower St. Turlock, CA. *Note; the roof system was not tested during this inspection.*

Summary of Findings

Asbestos

SEI's inspection of the subject site collected **Twenty-Three (23)** bulk samples for analysis. During analysis, the laboratory identified **Twenty-Six (26)** materials for reporting. The following summarizes the sample(s) found to be at or above the regulatory limits discussed above.

Suspect Asbestos Material Specific Location(s)	Asbestos Content Friable/Non-Friable	EPA/AQMD Category
None	Not Applicable	Not Applicable

Lead

SEI's inspection of the subject site collected **Ten (10)** paint chip samples for analysis.

The following sample(s) collected were reported **at or above** the EPA's definition of "**Lead Based Paint" (0.5% or greater):**

Sample ID	Paint Color / Area / Sample Location	Lead % by weight
NA	NA	NA

The following samples collected were reported to be **below** the OSHA's definition of **Lead Based Paint (0.5%) but greater than the Consumer Product Safety Commission (CPSC) definition of "lead-free paint (less than 0.06%):**

Sample ID	Paint Color / Area / Sample Location	Lead % by weight
0113.L1	Brown Paint-1x1-CMU Training Room	0.275
0113.L2	Blue Paint-1x1-Metal Door Frame Training Room Door	0.235
0113.L3	White Paint-1x1-CMU Hallway-Wall	0.0781
0113.L4	Beige paint-1x1-Sheetrock Bravo Room-Wall	0.111
0113.L5	Tan Paint-1x1-Concrete Exterior wall	0.0755
0113.L8	White Paint-1x1 Men's Bathroom	0.105

The following samples were found to be **below** the Consumer Product Safety Commissions level of less than 0.06%.

Sample No.	Suspect Lead Material Specific Location	Lead Concentration Percent by Weight
0113.L6	Ceramic Tile-Light blue Men's Bathroom	0.0427
0113.L7	Ceramic Tile-Black/Multi-color Men's Bathroom	<0.00233
0113.L9	Top foil layer Roofing	0.0144
0113.L10	White paint-1x1-Metal Exterior Downspout	0.0501

SURVEY METHODOLOGY

Sample Collection:

An initial walk through of the subject site was conducted to identify homogeneous suspect asbestos materials and their respective locations. This information was then used to develop a sample collection strategy. Samples were collected with an appropriate sampling tool.

Each suspect sample was sealed in its own container and labeled with a unique identification number. Sampling tools were individually cleaned before and after each sample was collected to avoid sample cross contamination. Decontamination was accomplished using single use, pre-moistened cloths.

Samples were recorded on **SEI's** in-house chain-of-custody form. This form accompanied the samples to Triangle Environmental Services Center, Inc. (TESC). TESC is located in Midlothian Virginia.

Sample Analysis:

Asbestos - Suspect asbestos samples were subjected to analysis by polarized light microscopy (PLM). Bulk sample analysis was conducted in accordance with the EPA's "Test Method for the Determination of Asbestos in Bulk Building Materials, EPA/600/R-93/116, 1993.

Lead - Suspect samples were subjected to analysis by AA/Flame. Sample analysis was conducted in accordance with the EPA's Method 7420.

LABORATORY RESULTS

The table provides each of the materials, sample identification number, description/ and corresponding laboratory result.

Asbestos

Sample No.	Suspect Asbestos Material Specific Location	Asbestos Content Percent by Weight
0113.01	Blue Floor Tile-12x12 Entryway	None Detected
0113.02	Mastic for sample #01 Entryway	None Detected
0113.03	Base Cove Hallway	None Detected
0113.04	Mastic for sample # 03	None Detected
0113.05	Sheetrock Mud/Tape- Textured Commanders Office-5B	None Detected

Sample No.	Suspect Asbestos Material Specific Location	Asbestos Content Percent by Weight
0113.06	Sheetrock Mud/Tape- Textured Commanders Office-5A	None Detected
0113.07	Sheetrock Mud/Tape- Textured Commanders Office-5A	None Detected
0113.08	Ceiling Tile-Pinhole Hallway-Adj Room 17	None Detected
0113.09	Ceiling Tile- Pinhole Hallway-Adj Room 17	None Detected
0113.10	Mastic for sample #08 Hallway-Adj Room 17	None Detected
0113.11	Mastic for sample #09 Hallway-Adj Room 17	None Detected
0113.12	Stucco- Ceiling Hallway-Adj Room 17	None Detected
0113.13	Stucco- Ceiling Hallway-Adj Room 17	None Detected
0113.14	Stucco- Ceiling Hallway-Adj Room 17	None Detected
0113.15	Ext- Concrete-Wall Rear Parking Lot	None Detected
0113.16	Concrete Foundation Rear Parking Lot	None Detected
0113.17	Asphalt Rear Parking Lot	None Detected
0113.18	Ext-Stucco Rear parking Lot	None Detected
0113.19	Ext-Stucco Rear Parking Lot	None Detected
0113.20	Top Foil Layer Roof	None Detected
0113.21	Penetration Mastic Roof	None Detected
0113.22	Floor Tile -Blue-12x12 Women's – Restroom	None Detected
0113.23	Mastic for sample # 22 Women's - Restroom	None Detected

Lead

Sample No.	Suspect Lead Material Specific Location	Lead Concentration Percent by Weight
0113.L1	Brown Paint-1x1-CMU Training Room	0.275

Sample No.	Suspect Lead Material Specific Location	Lead Concentration Percent by Weight
0113.L2	Blue Paint-1x1-Metal Door Frame Training Room Door	0.235
0113.L3	White Paint-1x1-CMU Hallway-Wall	0.0781
0113.L4	Beige paint-1x1-Sheetrock Bravo Room-Wall	0.111
0113.L5	Tan Paint-1x1-Concrete Exterior wall	0.0755
0113.L6	Ceramic Tile-Light blue Men's Bathroom	0.0427
0113.L7	Ceramic Tile-Black/Multi-color Men's Bathroom	<0.00233
0113.L8	White Paint-1x1 Men's Bathroom	0.105
0113.L9	Top foil layer Roofing	0.0144
0113.L10	White paint-1x1-Metal Exterior Downspout	0.0501

RECOMMENDATIONS

Asbestos

SEI recommends:

If suspect materials (not discussed in this report) are discovered during future demolition/renovation operations, all general work activities which could impact the discovered suspect ACM should cease until confirmation sampling can be conducted.

Lead

SEI recommends that you consider the renovation/demolition activities of this project as **"lead related construction work"** in accordance with CCR Title 17, division 1, chapter. 8, article 1.

- All construction work where an employee may be occupationally exposed to lead containing paint, including renovation and/or demolition, must comply with the OSHA Regulation 29 CRF 1926.62 and Cal-OSHA Title 8, CCR 1523.1

- If suspect painted surfaces, not discussed in this report are discovered during future demolition/renovation operations, all general work activities which could impact the discovered painted surface should cease until confirmation sampling can be conducted.

EXCLUSIONS AND REPORT LIMITATIONS

The information contained in this report is limited to those areas and suspect materials found to be visually accessible through reasonable means.

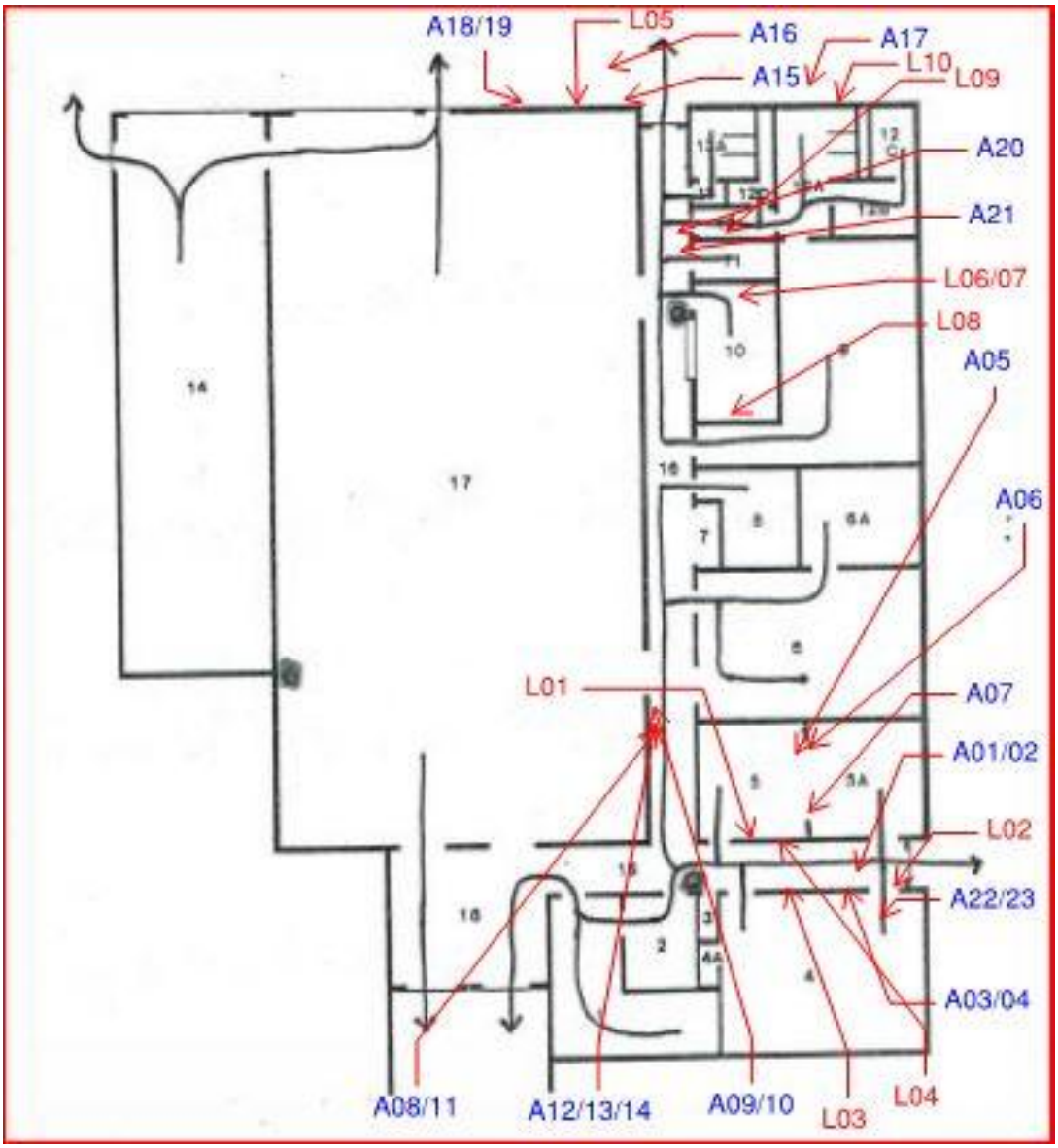
Thank you for using **Stockton Environmental Inc.** please feel free to contact me with any questions regarding this report at (209) 451.3017.

Sincerely
Randolph L Brooke
Randolph L. Brooke
Cal-OSHA Certified Asbestos Consultant
Certification # 05-3746
CDPH Certified Lead Inspector/Assessor
Certification # 24418

Appendix A

Sample Collection
Location Diagram

Locations are approximate



Appendix B

Asbestos
Laboratory Reports

TRIANGLE ENVIRONMENTAL SERVICE CENTER, INC.

13509 East Boundary Road, Suite B, Midlothian, VA 23112
804-739-1751 • fax: 804-739-1753

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Stockton Environmental
319 E Banbury Dr.
Stockton, CA 95702

TESC LOGIN #: 170116AA

DATE OF RECEIPT: 01/16/2017
DATE OF ANALYSIS: 01/16/2017
DATE OF REPORT: 01/16/2017

CLIENT JOB/ #: **005.17**

JOB SITE:

ANALYST: B. Trimmer

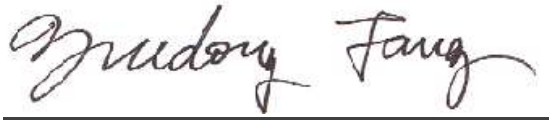
TESC SAMPLE #	CLIENT SAMPLE ID & GROSS DESCRIPTION	ESTIMATED % ASBESTOS	NON ASBESTOS % FIBERS	NON FIBROUS % MATERIALS
1	0113.01 / Blue tile	**NAD**		100%
2	0113.02 / Yellow adhesive	**NAD**		100%
3	0113.03 / Gray rubber	**NAD**		100%
4	0113.04 / Yellow adhesive	**NAD**		100%
5A	0113.05 - Sheetrock / White powder, brown fibers	**NAD**	5% Cellulose	95%
5B	0113.05 - Mud / White powder	**NAD**		100%
6A	0113.06 - Sheetrock / White powder, brown fibers	**NAD**	5% Cellulose	95%
6B	0113.06 - Mud / White powder	**NAD**		100%
7A	0113.07 - Sheetrock / White powder, brown fibers	**NAD**	5% Cellulose	95%
7B	0113.07 - Mud / White powder	**NAD**		100%

Samples are analyzed in accordance with “Interim Method for the Determination of Asbestos in Bulk Insulation Samples”, EPA 600/M4-82-020, Dec. 1982 and "Method for the Determination of Asbestos in Bulk Building Materials", EPA 600/R-93/116, July 1993. None Detected: not detected at/or below the detected limit of method (Reporting limit: 1% Asbestos). Glass fiber is analyzed for quality control blank. TESC recommends by point count or Transmission Electron Microscopy (TEM), for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by Polarized Light Microscopy (PLM). Both services are available for an additional fee. This report shall not be reproduced, except in full written approval of Triangle Environmental Service Center, Inc. This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This test report relates only to the item(s) tested.

NVLAP Lab Code: 200794-0

[**LEGEND** NAD=No Asbestos Detected, Lino.=Linoleum, JC=Joint Compound]

Reviewed By Authorized Signatory:



Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist

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DATE OF ANALYSIS: 01/16/2017
DATE OF REPORT: 01/16/2017

CLIENT JOB/ #: **005.17**

JOB SITE:

ANALYST: B. Trimmer

TESC SAMPLE #	CLIENT SAMPLE ID & GROSS DESCRIPTION	ESTIMATED % ASBESTOS	NON ASBESTOS % FIBERS	NON FIBROUS % MATERIALS
8	0113.08 / Brown fibers	**NAD**	98% Cellulose	2%
9	0113.09 / Brown fibers	**NAD**	98% Cellulose	2%
10	0113.10 / Brown adhesive	**NAD**		100%
11	0113.11 / Brown adhesive	**NAD**		100%
12	0113.12 / Gray granular	**NAD**		100%
13	0113.13 / Gray granular	**NAD**		100%
14	0113.14 / Gray granular	**NAD**		100%
15	0113.15 / Gray granular	**NAD**		100%
16	0113.16 / Gray granular	**NAD**		100%
17	0113.17 / Black granular	**NAD**		100%

Samples are analyzed in accordance with “Interim Method for the Determination of Asbestos in Bulk Insulation Samples”, EPA 600/M4-82-020, Dec. 1982 and "Method for the Determination of Asbestos in Bulk Building Materials", EPA 600/R-93/116, July 1993. None Detected: not detected at/or below the detected limit of method (Reporting limit: 1% Asbestos). Glass fiber is analyzed for quality control blank. TESC recommends by point count or Transmission Electron Microscopy (TEM), for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by Polarized Light Microscopy (PLM). Both services are available for an additional fee. This report shall not be reproduced, except in full written approval of Triangle Environmental Service Center, Inc. This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This test report relates only to the item(s) tested.

NVLAP Lab Code: 200794-0

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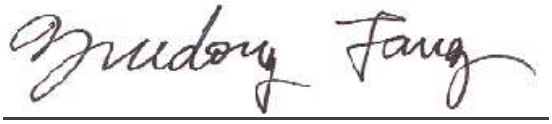

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DATE OF REPORT: 01/16/2017

CLIENT JOB/ #: **005.17**

JOB SITE:

ANALYST: B. Trimmer

TESC SAMPLE #	CLIENT SAMPLE ID & GROSS DESCRIPTION	ESTIMATED % ASBESTOS	NON ASBESTOS % FIBERS	NON FIBROUS % MATERIALS
18	0113.18 / Gray granular	**NAD**		100%
19	0113.19 / Gray granular	**NAD**		100%
20	0113.20 / Foil, black adhesive	**NAD**	5% Cellulose	95%
21	0113.21 / Black tar, silver paint	**NAD**	5% Cellulose	95%
22	0113.22 / Blue vinyl	**NAD**		100%
23	0113.23 / Yellow adhesive	**NAD**		100%

Total Samples/Layers Analyzed: 26

Samples are analyzed in accordance with “Interim Method for the Determination of Asbestos in Bulk Insulation Samples”, EPA 600/M4-82-020, Dec. 1982 and "Method for the Determination of Asbestos in Bulk Building Materials", EPA 600/R-93/116, July 1993. None Detected: not detected at/or below the detected limit of method (Reporting limit: 1% Asbestos). Glass fiber is analyzed for quality control blank. TESC recommends by point count or Transmission Electron Microscopy (TEM), for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by Polarized Light Microscopy (PLM). Both services are available for an additional fee. This report shall not be reproduced, except in full written approval of Triangle Environmental Service Center, Inc. This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This test report relates only to the item(s) tested.

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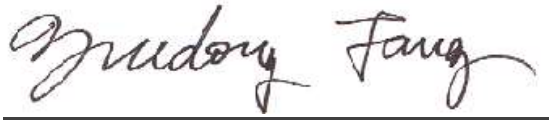


Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist

170116AA

STOCKTON ENVIRONMENTAL, INC.

BULK SAMPLING / CHAIN OF CUSTODY FORM

Pg. 1 of ____

Project Name: Asbestos Survey **Project #:** 005.17 **Collection Date:** 01/13/17

Specific Location: 1240 Flower st

Matrix: (Bulk) / Wipe / Paint / Water / Soil **Technician:** DGM **Laboratory:** TESC

Method of Analysis:
- ✓ PLM - norm. / pt.count
- ____ TEM - qual. / quant.
- ____ AA/Flame
- ____ NON-Viable Spore

Turn Around:
- ____ RUSH < 2 HR
- ____ < 12 HR
- X 24 HR
- ____ DAY

Stop analysis if any sample within group >1% Y/N ≥1/10% Y (N) **Composite Sheetrock** Y/N

Sample # HP	Date Count	Material Description /// Location Type (floor tile, ceiling tile) / General (9x9, 12x12, 2x4) / Specific Color / Pinhole, streaked / /// General (1st fl), Rm. 10 (rm. 12), Specific (wall)	
01	0113 .01	Blue fl tile 12x12	4 kit
02	.02	~~Brown~~ Mastic for sample	
03	.03	~~Wall~~ Base Cove	
04	.04	Mastic for sample	
05	.05	Sheetrock Mud/tape - textured - Commons	5B
06	.06	Sheetrock Mud/tape - textured - Recruiters	5B
07	.07	Sheetrock Mud/tape - textured -	1
08	.08	Ceiling tile - 1x1 - pinhole	
09	.09	Ceiling tile - 1x1 - pinhole	
09	.10	Mastic for sample #1	
10	.11	Mastic for sample #1	
	.12	Stucco - Ceiling	

Relinquished by: _____ **Date/time:** 1/13/17 **Received by:** _____ **Date/time:** 1.16.17 9:45 AM

Relinquished by: _____ **Date/time:** _____ **Received by:** _____ **Date/time:** _____

319 East Banbury dr., Stockton Ca 95207 / Tel (209)451-3017
www.stocktonenvironmentalinc.com

170116AA

STOCKTON ENVIRONMENTAL, INC.

BULK SAMPLING / CHAIN OF CUSTODY FORM

Project #: 005.17 Collection Date: 01/13/17

Sample #			Material Description /// Location
H #	Date	Count	Type (floor tile, ceiling tile) / General (9x9, 12x12, 2x4) / Specific Color / Pinhole, streaked / /// General (1st fl), Rm. Id (rm. 12), Specific (wall)
10	0113	.13	Stucco - ceiling / ///
10		.14	Stucco - ceiling / ///
11		.15	Ext Concrete wall / ///
12		.16	Concrete foundation / ///
13		.17	Asphalt / ///
14		.18	Ext Stucco / ///
14		.19	Ext Stucco / ///
15		.20	top fill layer / ///
16		.21	Penetrations mastic / ///
~~01~~		.22	Floor tile/black/12x12 (mastic) RR ///
02		.23	mastic for sample / ///
		~~.24~~	~~Exterior Stucco wall~~ / ///
		~~.25~~	~~mastic for ceiling tile~~ / ///
		.	/ ///
		.	/ ///
		.	/ ///
		.	/ ///

Relinquished by: _____ Date/time: 1/13/17 Received by: C. [illegible] Date/time: 1.16.17 9:45 AM

Relinquished by: _____ Date/time: _____ Received by: _____ Date/time: _____

319 East Banbury dr., Stockton Ca 95207 / Tel (209)451-3017

Lead
Laboratory Reports

TRIANGLE ENVIRONMENTAL SERVICE CENTER, INC.

13509 East Boundary Road, Suite B, Midlothian, VA 23112 • 804-739-1751 • fax: 804-739-1753

LEAD IN PAINT SAMPLE ANALYSIS SUMMARY

(EPA METHOD 7420)

CLIENT: Stockton Environmental
319 E Banbury Dr.
Stockton, CA 95702

TESC LOGIN #: 170116AD

DATE OF RECEIPT: 1/16/2017
DATE OF ANALYSIS: 1/16/2017
DATE OF REPORT: 1/17/2017

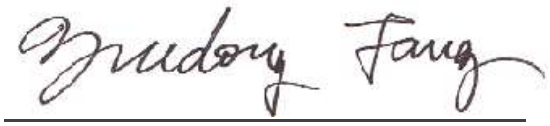
CLIENT JOB #: **005.17**

JOBSITE:

ANALYST: ESB

TESC SAMPLE #	CLIENT SAMPLE #	SAMPLE WEIGHT (mg)	TOTAL LEAD (ug)	LEAD CONCENTRATION (% by Weight)	LEAD CONCENTRATION PPM
1	0113.01 Sample weight below method guidelines	187	514	0.275	2750
2	0113.02 Sample weight below method guidelines.	135	317	0.235	2350
3	0113.03	272	212	0.0781	781
4	0113.04 Sample contains substrate which may affect the calculation of weight percent and mg/kg.	304	338	0.111	1110
5	0113.05	340	257	0.0755	755
6	0113.06	502	214	0.0427	427
7	0113.07	430	<10.0	<0.00233	<23.3
8	0113.08	334	352	0.105	1050
9	0113.09	268	38.6	0.0144	144

Reviewed By Authorized Signatory:



Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the customer. Sample information was provided by the customer. This report must not be reproduced, except in full,without the written consent of Triangle Environmental Service Center, Inc. The test report related only to the item(s) tested. This analysis was performed by an AHIA accredited laboratory. AIHA/ELLAP ID: 100527, NYELAP/NELAC ID: 11413.
Minimum Reporting Limit: 20 ug. Lead Based Paint contains 0.5% lead by weight per Federal statute. The OSHA Lead in Construction Standard, 29 CFR 1926.62, is invoked if any lead is present in the sample. Lead-free paint is defined as <0.06% by weight (CPSC).
[LEGEND: mg= milligram, ug= microgram, ppm= parts per million]

TRIANGLE ENVIRONMENTAL SERVICE CENTER, INC.

13509 East Boundary Road, Suite B, Midlothian, VA 23112 • 804-739-1751 • fax: 804-739-1753

LEAD IN PAINT SAMPLE ANALYSIS SUMMARY

(EPA METHOD 7420)

CLIENT: Stockton Environmental
319 E Banbury Dr.
Stockton, CA 95702

TESC LOGIN #: 170116AD

DATE OF RECEIPT: 1/16/2017
DATE OF ANALYSIS: 1/16/2017
DATE OF REPORT: 1/17/2017

CLIENT JOB #: **005.17**

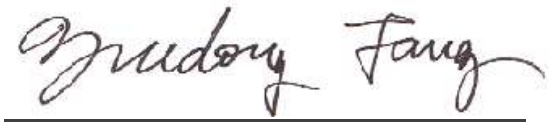
JOBSITE:

ANALYST: ESB

TESC SAMPLE #	CLIENT SAMPLE #	SAMPLE WEIGHT (mg)	TOTAL LEAD (ug)	LEAD CONCENTRATION (% by Weight)	LEAD CONCENTRATION PPM
10	0113.10	202	101	0.0501	501

Total Sample(s) Analyzed: 10

Reviewed By Authorized Signatory:



Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the customer. Sample information was provided by the customer. This report must not be reproduced, except in full,without the written consent of Triangle Environmental Service Center, Inc. The test report related only to the item(s) tested. This analysis was performed by an AHIA accredited laboratory. AIHA/ELLAP ID: 100527, NYELAP/NELAC ID: 11413.
Minimum Reporting Limit: 20 ug. Lead Based Paint contains 0.5% lead by weight per Federal statute. The OSHA Lead in Construction Standard, 29 CFR 1926.62, is invoked if any lead is present in the sample. Lead-free paint is defined as <0.06% by weight (CPSC).
[LEGEND: mg= milligram, ug= microgram, ppm= parts per million]

170116AD

STOCKTON ENVIRONMENTAL, INC.

BULK SAMPLING / CHAIN OF CUSTODY FORM

Pg. 1 of 1

Project Name: Lead Inspection **Project #:** 005.17 **Collection Date:** 01-13-17

Specific Location: 1040 Flosier st.

Matrix: Bulk / Wipe / (Paint) / Water / Soil **Technician:** GH **Laboratory:** TESC

Method of Analysis:
- ____ PLM - norm. / pt.count
- ____ TEM - qual. / quant.
- X AA/Flame
- ____ NON-Viable Spore

Turn Around:
- ____ RUSH < 2 HR
- ____ < 12 HR
- X 24 HR
- ____ DAY

Stop analysis if any sample within group >1% Y / N ≥1/10% Y / N Composite Sheetrock Y / N

Sample #		Material Description /// Location
H #	Date Count	Type (floor tile, ceiling tile) / General (9x9, 12x12, 2x4) / Specific Color / Pinhole, streaked / /// General (1st fl), Rm. 1d (rm. 12), Specific (wall)
	0113.01	Brown Paint - 1x1 - CMU - Wall
	.02	Blue paint - 1x1 - Metal - Door Frame
	.03	White paint - 1x1 - CMU - Wall
	.04	Beige paint - 1x1 - Sheetrock - Wall
	.05	Tan Paint - 1x1 - Concrete - Exterior wall
	.06	Ceramic tile.
	.07	Ceramic tile
	.08	White paint - 1x1 - - Bathroom wall
	.09	Tar Felt
	.10	White paint - 1x1 - metal down spout.
	.	
	.	

Relinquished by: Harry Herald **Date/time:** 01-13-17 **Received by:** [signature] **Date/time:** 1.16.17 9:45 Am

Relinquished by: _____ **Date/time:** _____ **Received by:** _____ **Date/time:** _____

319 East Banbury dr., Stockton Ca 95207 / Tel (209)451-3017
www.stocktonenvironmentalinc.com

Appendix C

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Dwayne G McAllister
Name

Certification No. **92-0213**

Expires on **10/01/17**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.


State of California Department of Public Health
Lead-Related Construction Certificate
Certificate Type
Expiration Date
Sampling Technician
07/06/2017
271065
Gabriel B. Munoz
ID #: 27626


State of California Department of Public Health
Lead-Related Construction Certificate
Certificate Type
Inspector/Assessor
Expiration Date
08/25/2017
25094
Randolph L. Brooke
ID #: 24418

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Triangle Environmental Service Center, Inc.
13509 East Boundary Road, Suite B
Midlothian, VA 23112
Mr. Feng Jiang
Phone: 804-739-1751 Fax: 804-739-1753
Email: info@tesclab.com
http://www.tesclab.com

ASBESTOS FIBER ANALYSIS — NVLAP LAB CODE 200794-0

Bulk Asbestos Analysis

Code	*Description*
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

For the National Voluntary Laboratory Accreditation Program

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200794-0

Triangle Environmental Service Center, Inc.

Midlothian, VA

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2016-04-01 through 2017-03-31

Effective Dates

For the National Voluntary Laboratory Accreditation Program

CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Triangle Environmental Service Center

13509 E. Boundary Road, Suite B

Richmond, VA 23112

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection, proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **2995**

Expiration Date: **7/31/2018**

Effective Date: **8/1/2016**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program

Appendix 2

Boring Logs

Rincon Consultants, Inc.
Environmental Scientists Planners Engineers
www.rinconconsultants.com

LOG OF BORING B1

US Army National Guard Site
1040 Flower Street
Turlock, CA
Project 16-03292

Date Completed	: January 13, 2017
Method	: Geoprobe
Drilled By	: Rincon Consultants
Logged By	: Kyle Brudvik
Location	: Northwest corner of building

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION	PID
0				SAND, 10% Silt, 90% Sand, light brown, slightly moist, coarse grained sand, loose, no odor.	
2		SP		SAND, 10% Silt, 90% Sand, light brown, slightly moist, coarse grained sand, loose, no odor.	
4		SC		CLAYEY SAND, 30% Clay, 70% Sand, light brown, wet, slightly plastic, fine to medium grained sand, firm, no odor.	

Rincon Consultants, Inc.
Environmental Scientists Planners Engineers
www.rinconconsultants.com

LOG OF BORING B2

US Army National Guard Site
1040 Flower Street
Turlock, CA
Project 16-03292

Date Completed	: January 13, 2017
Method	: Geoprobe
Drilled By	: Rincon Consultants
Logged By	: Kyle Brudvik
Location	: Northeast portion of site at base of tree

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION	PID
0		SP		SAND, 10% Silt, 90% Sand, light brown, slightly moist, medium grained sand, loose, no odor.	
2				SAND, 20% Silt, 80% Sand, light brown, slightly moist, coarse grained sand, loose, no odor.	
4					

Rincon Consultants, Inc.
Environmental Scientists Planners Engineers
www.rinconconsultants.com

LOG OF BORING B3

US Army National Guard Site
1040 Flower Street
Turlock, CA
Project 16-03292

Date Completed	: January 13, 2017
Method	: Geoprobe
Drilled By	: Rincon Consultants
Logged By	: Kyle Brudvik
Location	: North of shooting range

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION	PID
0		SP		SAND, 10% Silt, 90% Sand, light brown, slightly moist, coarse grained sand, very loose, no odor.	
2				SAND, 20% Silt, 80% Sand, light brown, slightly moist, coarse grained sand, loose, no odor.	
4					

Rincon Consultants, Inc.
Environmental Scientists Planners Engineers
www.rinconconsultants.com

LOG OF BORING B4

US Army National Guard Site
1040 Flower Street
Turlock, CA
Project 16-03292

Date Completed	: January 13, 2017
Method	: Geoprobe
Drilled By	: Rincon Consultants
Logged By	: Kyle Brudvik
Location	: East of shooting range

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION	PID
0		SP		SAND, 10% Silt, 90% Sand, light brown, slightly moist, coarse grained sand, very loose, no odor.	
2				SAND, 10% Silt, 90% Sand, tan, slightly moist, coarse grained sand, loose, no odor.	
4				Light brown	

Rincon Consultants, Inc.
Environmental Scientists Planners Engineers
www.rinconconsultants.com

LOG OF BORING B5

US Army National Guard Site
1040 Flower Street
Turlock, CA
Project 16-03292

Date Completed	: January 13, 2017
Method	: Geoprobe
Drilled By	: Rincon Consultants
Logged By	: Kyle Brudvik
Location	: Southwest corner of site

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION	PID
0		SP		SAND, 10% Silt, 90% Sand, tan, slightly moist, medium grained sand, loose, no odor.	
2				SAND, 10% Silt, 90% Sand, tan, slightly moist, coarse grained sand, loose, no odor.	
4					

Rincon Consultants, Inc.
Environmental Scientists Planners Engineers
www.rinconconsultants.com

LOG OF BORING B6

US Army National Guard Site
1040 Flower Street
Turlock, CA
Project 16-03292

Date Completed	: January 13, 2017
Method	: Geoprobe
Drilled By	: Rincon Consultants
Logged By	: Kyle Brudvik
Location	: Vehicle fleet parking area

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION	PID
0		SP		SAND, 10% Silt, 90% Sand, light brown, slightly moist, medium grained sand, loose, no odor.	
2				SAND, 10% Silt, 90% Sand, tan, slightly moist, coarse grained sand, loose, no odor.	
4				Medium grained sand	

Rincon Consultants, Inc.
Environmental Scientists Planners Engineers
www.rinconconsultants.com

LOG OF BORING B7

US Army National Guard Site
1040 Flower Street
Turlock, CA
Project 16-03292

Date Completed	: January 13, 2017
Method	: Geoprobe
Drilled By	: Rincon Consultants
Logged By	: Kyle Brudvik
Location	: Southern portion of vehicle fleet parking area

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION	PID
0		SP		SAND, 10% Silt, 90% Sand, light brown, slightly moist, medium grained sand, loose, no odor.	
2				SAND, 10% Silt, 90% Sand, light brown, slightly moist, coarse grained sand, loose, no odor.	
4				Medium grained sand	

Rincon Consultants, Inc.
Environmental Scientists Planners Engineers
www.rinconconsultants.com

LOG OF BORING B8

US Army National Guard Site
1040 Flower Street
Turlock, CA
Project 16-03292

Date Completed	: January 13, 2017
Method	: Geoprobe
Drilled By	: Rincon Consultants
Logged By	: Kyle Brudvik
Location	: Eastern portion of vehicle fleet parking area

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION	PID
0		SP		SAND, 10% Silt, 90% Sand, light brown, slightly moist, medium grained sand, loose, no odor.	
2				SAND, 10% Silt, 90% Sand, light brown, slightly moist, coarse grained sand, loose, no odor.	
4					

Appendix 3

Laboratory Analytical Results

Date of Report: 01/23/2017

Ariel Namm

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Client Project:	16-3292
BCL Project:	1040 Flower St.
BCL Work Order:	1701376
Invoice ID:	B257623

Enclosed are the results of analyses for samples received by the laboratory on 1/13/2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

Table of Contents

Table of Contents

BC LABORATORIES, INC.

RUSH!

Chain of Custody Form

Page 1 of 3

Report To:
Client: Rincon Consultants
Attn: Ariel Namm
Street Address: 180 N Ashwood
City, State, Zip: Ventura CA 93003
Phone: 805-644-4455 Fax:
Email: anamm@rinconconsultants.com
Work Order #: 17-01376

Project #: 16-03292
Project Name: 1040 Flower St
Sampler(s): KB

Please refer to the back of this page for terms and conditions. Method legend.

Analysis Requested

Comments:

CHK BY

DISTRIBUTION: SLM MA PDI DRC RLP MEW JKR

SUB-OUT

Sample #	Description		Date Sampled	Time Sampled	OCP By 8081A	Metals by 6010B/7471A	VOCs by 8260	TPH (FFP) 8015B	Lead by 6010B 12" x 12"	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Result Request **Surcharge: STD (10 Days) / 5 Day** / 2 Day** / 1 Day**	Notes
B1	B1 – 0.5	-1	1/13/17	0945	X	X	1	1	1	X							
	B1 – 2.5	-2	1/13/17	0945	X	X	1	1	1	X							
	B1 – 5.5	-3	1/13/17	0945	H	H	-	-	1	X							Hold
B2	B2 – 0.5	-4	1/13/17	0925	X	X	-	-	1	X							
	B2 – 2.5	-5	1/13/17	0925	X	X	-	-	1	X							
	B2 – 5.5	-6	1/13/17	0925	H	H	-	-	1	X							Hold
B3	B3 – 0.5	-7	1/13/17	0900	X	X	-	-	-	X							
	B3 – 2.5	-8	1/13/17	0900	X	X	-	-	-	X							
	B3 – 5.5	-9	1/13/17	0900	H	H	-	-	-	X							Hold
B4	B4 – 0.5	-10	1/13/17	0838	X	X	-	-	-	X							
	B4 – 2.5	-11	1/13/17	0838	X	X	-	-	1	X							
	B4 – 5.5	-12	1/13/17	0838	H	H	-	-	-	X							Hold

Billing
☑ Same as above
Client:
Address:
City: State Zip
Attn:
P.O. #:

EDF Required? Geotracker
☐ Yes ☐ No

Send Copy to State of CA? (EDT)
☐ Yes ☐ No

Global ID (Needed for EDF)

System # (Needed for EDT)

	Relinquished By	Date	Time	Received By	Date	Time
1.		1/13/17	12:00		1/13/17	12:00
2.		1/13/17	2100		1/13	2100
3.						

BC Laboratories, Inc. – 4100 Atlas Ct. – Bakersfield, CA 93308 – 661.327.4911 – Fax: 661.327.1918 – www.bclabs.com

BC LABORATORIES, INC.

RUSH!

Chain of Custody Form

Page 2 of 3

Report To: Client: Rincon Consultants	Project #: 16-03292
Attn: Ariel Namm	Project Name: 1040 Flower St
Street Address: 180 N Ashwood	
City, State, Zip: Ventura CA 93003	Sampler(s): KB
Phone: 805-644-4455 Fax:	
Email: anamm@rinconconsultants.com	
Work Order #: 17-013716	

Analysis Requested

Please refer to the back of this page for container and method legend.

Comments:

Sample #	Description		Date Sampled	Time Sampled	OCP by 8081A	Metals by 6010B/7471A	VOCs by 8260	TPH (FFP) by 8015B	Lead by 6010B 12"x12"	Sample Matrix: Soil	Sludge	Drinking Water	Ground Waater	Waste Water	Other	Notes
B5	B5 - 0.5	-13	1/13/17	1000	X	X	1	1	1	X						
	B5 - 2.5	-14	1/13/17	1000	X	X	1	1	1	X						
	B5 - 5.5	-15	1/13/17	1000	H	H	1	1	1	X						Hold
B6	B6 - 0.5	-16	1/13/17	1100	X	X	X	X	1	X						
	B6 - 2.5	-17	1/13/17	1100	X	X	X	X	1	X						
	B6 - 5.5	-18	1/13/17	1100	H	H	H	H	1	X						Hold
B7	B7 - 0.5	-19	1/13/17	1032	X	X	X	X	1	X						
	B7 - 2.5	-20	1/13/17	1032	X	X	X	X	1	X						
	B7 - 5.5	-21	1/13/17	1032	H	H	H	H	1	X						Hold
B8	B8 - 0.5	-22	1/13/17	1020	X	X	X	X	1	X						
	B8 - 2.5	-23	1/13/17	1020	X	X	X	X	1	X						
	B8 - 5.5	-24	1/13/17	1020	H	H	H	H	1	X						Hold

Result Request **Surcharge

☑ STD (10 Days) ☐ 5 Day** ☐ 2 Day** ☐ 1 Day**

Billing	☑ Same as above	EDF Required? Geotracker ☐ Yes ☐ No	Global ID (Needed for EDF)	System # (Needed for EDT)
Client:				
Address:		Send Copy to State of CA? (EDT) ☐ Yes ☐ No		
City: State Zip				
Attn:				
P.O. #:				

	Relinquished By	Date	Time	Received By	Date	Time
1.		1/13/17	12:00		1/13/17	12:00
2.		1/13/17	2:00		1/13	2:00
3.						

BC Laboratories, Inc. – 4100 Atlas Ct. – Bakersfield, CA 93308 – 661.327.4911 – Fax: 661.327.1918 – www.bclabs.com

BC LABORATORIES, INC.

RUSH!

Chain of Custody Form

Page 3 of 3

Report To:		Project #:	16-03292
Client:	Rincon Consultants	Project Name:	1040 Flower St.
Attn:	Ariel Namm		
Street Address:	180 N Ashwood	Sampler(s):	KB
City, State, Zip:	Ventura CA 93003		
Phone:	(805) 644 Fax: 4455		
Email:	anamm@rinconconsultants.com		
Work Order #:	17-01376		

Analysis Requested

Lead by 6010B 12"x12"

Please refer to the back of this page for completion instructions and method legend.

Comments:

Sample #	Description	Date Sampled	Time Sampled	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Result Request **Surcharge: ☑ STD (10 Days) ☐ 5 Day** ☐ 2 Day** ☐ 1 Day** — Notes
1	Wipe - N1 -25	1/13/17	1015						Wipe	lead wipe 12"x12"
2	Wipe - N2 -26	1/13/17	1015						wipe	lead wipe 12"x12"
3	Wipe - N3 -27	1/13/17	1030						wipe	lead wipe 12"x12"

Billing

☐ Same as above

Client:

Address:

City: State Zip

Attn:

P.O. #:

EDF Required? Geotracker ☐ Yes ☐ No

Send Copy to State of CA? (EDT) ☐ Yes ☐ No

Global ID (Needed for EDF)

System # (Needed for EDT)

	Relinquished By	Date	Time	Received By	Date	Time
1.		1/13/17	12:00		1/13/17	12:00
2.		1/13/17	2100		1/13	2100
3.		Date	Time		Date	Time

BC Laboratories, Inc. – 4100 Atlas Ct. – Bakersfield, CA 93308 – 661.327.4911 – Fax: 661.327.1918 – www.bclabs.com

Chain of Custody and Cooler Receipt Form for 1701376 Page 4 of 6

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 3

Submission #: 17-01376

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐	Ice Chest ☒ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / (S)

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact: Yes ☐ No ☐ Containers ☐ Intact: Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received			
☒ YES ☐ NO	Emissivity: 0.95 Container: Soil Sleeve Thermometer ID: 207	Temperature: (A) 5.1 °C / (C) 5.1 °C	Date/Time 1/13 2100 Analyst Init GSP

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE	A	A	A	A	A	A	A	A	A	A
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: No date/time on soil sleeves

Sample Numbering Completed By: JGJ Date/Time: 1-16-17 0950

Rev 21 05/23/2016

Chain of Custody and Cooler Receipt Form for 1701376 Page 5 of 6

BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 Of 3

Submission #: 17-01376

SHIPPING INFORMATION: Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐ BC Lab Field Service ☒ Other ☐ (Specify)

SHIPPING CONTAINER: Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify)

FREE LIQUID: YES ☐ NO ☐ W / S

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact: Yes ☐ No ☐ Containers ☐ Intact: Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received ☒ YES ☐ NO

Emissivity: 0.95 Container: Soil Sleeve Thermometer ID: 207 Date/Time 1/13 2100

Temperature: (A) 5.1 °C / (C) 5.1 °C Analyst Init GSP

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	11	12	13	14	15	16	17	18	19	20
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
10ml EPA 531.1										
0z EPA 548										
QT EPA 549										
PT EPA 8015M										
T EPA 8270										
z / 16oz / 32oz AMBER										
z / 16oz / 32oz JAR										
IL SLEEVE	A	A	A	A	A	E	E	E	E	E
B VIAL										
ASTIC BAG										
DLAR BAG										
RROUS IRON										
CORE										
ART KIT						ABCD	ABCD	ABCD	ABCD	ABCD
MA CANISTER										

ments: 19→24 A→D wrong time, no date/time on Soil sleeves

ple Numbering Completed By:

Chain of Custody and Cooler Receipt Form for 1701376 Page 6 of 6

BC LABORATORIES INC. COOLER RECEIPT FORM Page 3 Of 3

Submission #: 17-01376

SHIPPING INFORMATION
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☒ None ☐ Box ☐
Other ☐ (Specify)_____

FREE LIQUID
YES ☐ NO ☐
W / (S)

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact: Yes ☐ No ☐ Containers ☐ Intact: Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☐ No ☐ All samples containers intact? Yes ☐ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received ☒ YES ☐ NO

Emissivity: 0.95 Container: Soil Sleeve Thermometer ID: 207

Temperature: (A) 5.1 °C / (C) 5.1 °C

Date/Time 1/13 2100

Analyst Init GSP

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	21	22	23	24	25	26	27	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
oz / 16oz / 32oz AMBER										
2oz 16oz / 32oz JAR										
OIL SLEEVE	E	E	E	E	A	A	A			
CB VIAL										
ASTIC BAG										
EDLAR BAG										
RROUS IRON										
CORE										
ART KIT	A&D	A&D	A&D	A&D						
MMA CANISTER										

ments: -19→24 A→D wrong time, no date/time on Soil sleeves 1-16-17 (GS?)
ple Numbering Completed B

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1701376-01	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 09:45
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B1-0.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-02	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 09:45
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B1-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-03	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 09:45
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B1-5.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-04	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 09:25
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B2-0.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-05	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 09:25
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B2-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-06	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 09:25
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B2-5.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-07	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 09:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B3-0.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1701376-08	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 09:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B3-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-09	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 09:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B3-5.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-10	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 08:38
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B4-0.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-11	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 08:38
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B4-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-12	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 08:38
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B4-5.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-13	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 10:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B5-0.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-14	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 10:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B5-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1701376-15	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 10:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B5-5.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-16	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 11:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B6-0.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-17	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 11:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B6-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-18	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 11:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B6-5.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-19	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 10:32
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B7-0.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-20	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 10:32
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B7-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-21	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 10:32
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B7-5.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1701376-22	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 10:20
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B8-0.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-23	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 10:20
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B8-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-24	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 10:20
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	B8-5.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
1701376-25	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 10:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Wipe - N1	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Wipe
1701376-26	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 10:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Wipe - N2	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Wipe
1701376-27	**COC Number:**	---	**Receive Date:**	01/13/2017 21:00
	Project Number:	---	**Sampling Date:**	01/13/2017 10:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Wipe - N3	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Wipe

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Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-01 | **Client Sample Name:** B1-0.5, 1/13/2017 9:45:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0015	0.00016	EPA-8081A	ND		1
alpha-BHC	ND	mg/kg	0.0015	0.00019	EPA-8081A	ND		1
beta-BHC	ND	mg/kg	0.0015	0.00021	EPA-8081A	ND		1
delta-BHC	ND	mg/kg	0.0015	0.00017	EPA-8081A	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.0015	0.00010	EPA-8081A	ND		1
Chlordane (Technical)	**0.016**	**mg/kg**	**0.15**	**0.0044**	**EPA-8081A**	ND	**J**	1
4,4'-DDD	ND	mg/kg	0.0015	0.00025	EPA-8081A	ND		1
4,4'-DDE	**0.00070**	**mg/kg**	**0.0015**	**0.00024**	**EPA-8081A**	ND	**J**	1
4,4'-DDT	**0.00044**	**mg/kg**	**0.0015**	**0.00023**	**EPA-8081A**	ND	**J**	1
Dieldrin	ND	mg/kg	0.0015	0.00021	EPA-8081A	ND		1
Endosulfan I	ND	mg/kg	0.0015	0.00026	EPA-8081A	ND		1
Endosulfan II	ND	mg/kg	0.0015	0.00032	EPA-8081A	ND		1
Endosulfan sulfate	ND	mg/kg	0.0015	0.00029	EPA-8081A	ND		1
Endrin	ND	mg/kg	0.0015	0.00026	EPA-8081A	ND		1
Endrin aldehyde	ND	mg/kg	0.0015	0.00029	EPA-8081A	ND		1
Heptachlor	ND	mg/kg	0.0015	0.00017	EPA-8081A	ND		1
Heptachlor epoxide	ND	mg/kg	0.0015	0.00023	EPA-8081A	ND		1
Methoxychlor	ND	mg/kg	0.0015	0.00032	EPA-8081A	ND		1
Toxaphene	ND	mg/kg	0.15	0.0038	EPA-8081A	ND		1
TCMX (Surrogate)	84.8	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	92.0	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 08:58	HKS	GC-17	2.941	B[A1338

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-01 | **Client Sample Name:** B1-0.5, 1/13/2017 9:45:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**1.2**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1
Barium	**27**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.081**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**3.6**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.058		1
Cobalt	**1.5**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**4.1**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.28		1
Lead	**2.3**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND	**J**	1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**2.3**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	**0.069**	**mg/kg**	**0.50**	**0.067**	**EPA-6010B**	ND	**J**	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**16**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**12**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.37		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 14:33	JCC	PE-OP3	0.943	B[A1346
2	EPA-7471A	01/17/17	01/18/17 12:35	MEV	CETAC2	0.992	B[A1264

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-02 | **Client Sample Name:** B1-2.5, 1/13/2017 9:45:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0015	0.00016	EPA-8081A	ND		1
alpha-BHC	ND	mg/kg	0.0015	0.00019	EPA-8081A	ND		1
beta-BHC	ND	mg/kg	0.0015	0.00021	EPA-8081A	ND		1
delta-BHC	ND	mg/kg	0.0015	0.00018	EPA-8081A	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.0015	0.00010	EPA-8081A	ND		1
Chlordane (Technical)	ND	mg/kg	0.15	0.0045	EPA-8081A	ND		1
4,4'-DDD	ND	mg/kg	0.0015	0.00025	EPA-8081A	ND		1
4,4'-DDE	**0.00028**	**mg/kg**	**0.0015**	**0.00025**	**EPA-8081A**	ND	**J**	1
4,4'-DDT	ND	mg/kg	0.0015	0.00023	EPA-8081A	ND		1
Dieldrin	ND	mg/kg	0.0015	0.00021	EPA-8081A	ND		1
Endosulfan I	ND	mg/kg	0.0015	0.00026	EPA-8081A	ND		1
Endosulfan II	ND	mg/kg	0.0015	0.00033	EPA-8081A	ND		1
Endosulfan sulfate	ND	mg/kg	0.0015	0.00029	EPA-8081A	ND		1
Endrin	ND	mg/kg	0.0015	0.00026	EPA-8081A	ND		1
Endrin aldehyde	ND	mg/kg	0.0015	0.00029	EPA-8081A	ND		1
Heptachlor	ND	mg/kg	0.0015	0.00017	EPA-8081A	ND		1
Heptachlor epoxide	ND	mg/kg	0.0015	0.00023	EPA-8081A	ND		1
Methoxychlor	ND	mg/kg	0.0015	0.00033	EPA-8081A	ND		1
Toxaphene	ND	mg/kg	0.15	0.0039	EPA-8081A	ND		1
TCMX (Surrogate)	85.1	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	98.8	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 09:13	HKS	GC-17	2.970	B[A1338

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-02 | **Client Sample Name:** B1-2.5, 1/13/2017 9:45:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	ND	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	**36**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.10**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**4.9**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.060		1
Cobalt	**2.1**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**3.5**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.29		1
Lead	**1.6**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND	**J**	1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**4.1**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	**0.082**	**mg/kg**	**0.50**	**0.067**	**EPA-6010B**	ND	**J**	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**17**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**15**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.38		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 14:34	JCC	PE-OP3	0.980	B[A1346
2	EPA-7471A	01/17/17	01/18/17 12:46	MEV	CETAC2	1.025	B[A1264

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-04 | **Client Sample Name:** B2-0.5, 1/13/2017 9:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0014	0.00016	EPA-8081A	ND		1
alpha-BHC	ND	mg/kg	0.0014	0.00018	EPA-8081A	ND		1
beta-BHC	ND	mg/kg	0.0014	0.00020	EPA-8081A	ND		1
delta-BHC	ND	mg/kg	0.0014	0.00017	EPA-8081A	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.0014	0.000097	EPA-8081A	ND		1
Chlordane (Technical)	ND	mg/kg	0.14	0.0043	EPA-8081A	ND		1
4,4'-DDD	ND	mg/kg	0.0014	0.00024	EPA-8081A	ND		1
4,4'-DDE	**0.00038**	**mg/kg**	**0.0014**	**0.00024**	**EPA-8081A**	ND	**J**	1
4,4'-DDT	ND	mg/kg	0.0014	0.00022	EPA-8081A	ND		1
Dieldrin	ND	mg/kg	0.0014	0.00020	EPA-8081A	ND		1
Endosulfan I	ND	mg/kg	0.0014	0.00025	EPA-8081A	ND		1
Endosulfan II	ND	mg/kg	0.0014	0.00031	EPA-8081A	ND		1
Endosulfan sulfate	ND	mg/kg	0.0014	0.00028	EPA-8081A	ND		1
Endrin	ND	mg/kg	0.0014	0.00025	EPA-8081A	ND		1
Endrin aldehyde	ND	mg/kg	0.0014	0.00028	EPA-8081A	ND		1
Heptachlor	ND	mg/kg	0.0014	0.00016	EPA-8081A	ND		1
Heptachlor epoxide	ND	mg/kg	0.0014	0.00022	EPA-8081A	ND		1
Methoxychlor	ND	mg/kg	0.0014	0.00031	EPA-8081A	ND		1
Toxaphene	ND	mg/kg	0.14	0.0037	EPA-8081A	ND		1
TCMX (Surrogate)	85.1	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	87.9	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 09:27	HKS	GC-17	2.857	B[A1338

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-04 | **Client Sample Name:** B2-0.5, 1/13/2017 9:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**1.5**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1
Barium	**29**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.087**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**3.8**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.061		1
Cobalt	**1.7**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**5.3**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.29		1
Lead	**3.3**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**2.6**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	**1.1**	**mg/kg**	**1.0**	**0.98**	**EPA-6010B**	ND		1
Silver	**0.072**	**mg/kg**	**0.50**	**0.067**	**EPA-6010B**	ND	**J**	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**16**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**17**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.39		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 14:36	JCC	PE-OP3	0.990	B[A1346
2	EPA-7471A	01/17/17	01/18/17 12:48	MEV	CETAC2	1.008	B[A1264

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-05 | **Client Sample Name:** B2-2.5, 1/13/2017 9:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0014	0.00016	EPA-8081A	ND		1
alpha-BHC	ND	mg/kg	0.0014	0.00018	EPA-8081A	ND		1
beta-BHC	ND	mg/kg	0.0014	0.00020	EPA-8081A	ND		1
delta-BHC	ND	mg/kg	0.0014	0.00017	EPA-8081A	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.0014	0.000097	EPA-8081A	ND		1
Chlordane (Technical)	ND	mg/kg	0.14	0.0043	EPA-8081A	ND		1
4,4'-DDD	ND	mg/kg	0.0014	0.00024	EPA-8081A	ND		1
4,4'-DDE	ND	mg/kg	0.0014	0.00024	EPA-8081A	ND		1
4,4'-DDT	ND	mg/kg	0.0014	0.00022	EPA-8081A	ND		1
Dieldrin	ND	mg/kg	0.0014	0.00020	EPA-8081A	ND		1
Endosulfan I	ND	mg/kg	0.0014	0.00025	EPA-8081A	ND		1
Endosulfan II	ND	mg/kg	0.0014	0.00031	EPA-8081A	ND		1
Endosulfan sulfate	ND	mg/kg	0.0014	0.00028	EPA-8081A	ND		1
Endrin	ND	mg/kg	0.0014	0.00025	EPA-8081A	ND		1
Endrin aldehyde	ND	mg/kg	0.0014	0.00028	EPA-8081A	ND		1
Heptachlor	ND	mg/kg	0.0014	0.00016	EPA-8081A	ND		1
Heptachlor epoxide	ND	mg/kg	0.0014	0.00022	EPA-8081A	ND		1
Methoxychlor	ND	mg/kg	0.0014	0.00031	EPA-8081A	ND		1
Toxaphene	ND	mg/kg	0.14	0.0037	EPA-8081A	ND		1
TCMX (Surrogate)	79.7	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	91.4	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 09:42	HKS	GC-17	2.857	B[A1338

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-05 | **Client Sample Name:** B2-2.5, 1/13/2017 9:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	ND	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	**34**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.083**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**4.1**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.061		1
Cobalt	**1.8**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**3.2**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.29		1
Lead	**1.3**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND	**J**	1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**3.1**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	**0.085**	**mg/kg**	**0.50**	**0.067**	**EPA-6010B**	ND	**J**	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**15**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**12**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.39		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 14:37	JCC	PE-OP3	0.990	B[A1346
2	EPA-7471A	01/17/17	01/18/17 12:50	MEV	CETAC2	1.025	B[A1264

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180 North Ashwood Avenue
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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-07 | **Client Sample Name:** B3-0.5, 1/13/2017 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0015	0.00016	EPA-8081A	ND		1
alpha-BHC	ND	mg/kg	0.0015	0.00019	EPA-8081A	ND		1
beta-BHC	ND	mg/kg	0.0015	0.00021	EPA-8081A	ND		1
delta-BHC	ND	mg/kg	0.0015	0.00018	EPA-8081A	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.0015	0.00010	EPA-8081A	ND		1
Chlordane (Technical)	ND	mg/kg	0.15	0.0045	EPA-8081A	ND		1
4,4'-DDD	ND	mg/kg	0.0015	0.00026	EPA-8081A	ND		1
4,4'-DDE	**0.00066**	**mg/kg**	**0.0015**	**0.00025**	**EPA-8081A**	ND	**J**	1
4,4'-DDT	ND	mg/kg	0.0015	0.00023	EPA-8081A	ND		1
Dieldrin	ND	mg/kg	0.0015	0.00021	EPA-8081A	ND		1
Endosulfan I	ND	mg/kg	0.0015	0.00026	EPA-8081A	ND		1
Endosulfan II	ND	mg/kg	0.0015	0.00033	EPA-8081A	ND		1
Endosulfan sulfate	ND	mg/kg	0.0015	0.00030	EPA-8081A	ND		1
Endrin	ND	mg/kg	0.0015	0.00026	EPA-8081A	ND		1
Endrin aldehyde	ND	mg/kg	0.0015	0.00029	EPA-8081A	ND		1
Heptachlor	ND	mg/kg	0.0015	0.00017	EPA-8081A	ND		1
Heptachlor epoxide	ND	mg/kg	0.0015	0.00023	EPA-8081A	ND		1
Methoxychlor	ND	mg/kg	0.0015	0.00033	EPA-8081A	ND		1
Toxaphene	ND	mg/kg	0.15	0.0039	EPA-8081A	ND		1
TCMX (Surrogate)	86.0	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	88.7	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 09:56	HKS	GC-17	3	B[A1338

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-07 | **Client Sample Name:** B3-0.5, 1/13/2017 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**1.2**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1
Barium	**30**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.083**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**4.0**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.056		1
Cobalt	**1.8**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**6.0**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.27		1
Lead	**4.6**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**2.3**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**18**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**14**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.36		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 14:39	JCC	PE-OP3	0.909	B[A1346
2	EPA-7471A	01/17/17	01/18/17 12:56	MEV	CETAC2	0.992	B[A1264

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Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-08 | **Client Sample Name:** B3-2.5, 1/13/2017 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0015	0.00016	EPA-8081A	ND		1
alpha-BHC	ND	mg/kg	0.0015	0.00019	EPA-8081A	ND		1
beta-BHC	ND	mg/kg	0.0015	0.00021	EPA-8081A	ND		1
delta-BHC	ND	mg/kg	0.0015	0.00017	EPA-8081A	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.0015	0.00010	EPA-8081A	ND		1
Chlordane (Technical)	ND	mg/kg	0.15	0.0044	EPA-8081A	ND		1
4,4'-DDD	ND	mg/kg	0.0015	0.00025	EPA-8081A	ND		1
4,4'-DDE	ND	mg/kg	0.0015	0.00024	EPA-8081A	ND		1
4,4'-DDT	ND	mg/kg	0.0015	0.00023	EPA-8081A	ND		1
Dieldrin	ND	mg/kg	0.0015	0.00021	EPA-8081A	ND		1
Endosulfan I	ND	mg/kg	0.0015	0.00026	EPA-8081A	ND		1
Endosulfan II	ND	mg/kg	0.0015	0.00032	EPA-8081A	ND		1
Endosulfan sulfate	ND	mg/kg	0.0015	0.00029	EPA-8081A	ND		1
Endrin	ND	mg/kg	0.0015	0.00026	EPA-8081A	ND		1
Endrin aldehyde	ND	mg/kg	0.0015	0.00029	EPA-8081A	ND		1
Heptachlor	ND	mg/kg	0.0015	0.00017	EPA-8081A	ND		1
Heptachlor epoxide	ND	mg/kg	0.0015	0.00023	EPA-8081A	ND		1
Methoxychlor	ND	mg/kg	0.0015	0.00032	EPA-8081A	ND		1
Toxaphene	ND	mg/kg	0.15	0.0038	EPA-8081A	ND		1
TCMX (Surrogate)	88.0	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	92.3	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 10:11	HKS	GC-17	2.941	B[A1338

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-08 | **Client Sample Name:** B3-2.5, 1/13/2017 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**0.78**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND	**J**	1
Barium	**37**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.092**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**4.2**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.060		1
Cobalt	**1.9**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**3.4**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.29		1
Lead	**1.6**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND	**J**	1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**3.1**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	**0.076**	**mg/kg**	**0.50**	**0.067**	**EPA-6010B**	ND	**J**	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**16**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**13**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.38		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 14:40	JCC	PE-OP3	0.980	B[A1346
2	EPA-7471A	01/17/17	01/18/17 12:59	MEV	CETAC2	1.008	B[A1264

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-10 | **Client Sample Name:** B4-0.5, 1/13/2017 8:38:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.015	0.0016	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.015	0.0019	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.015	0.0021	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.015	0.0018	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.015	0.0010	EPA-8081A	ND	A10	1
Chlordane (Technical)	**9.8**	**mg/kg**	**1.5**	**0.045**	**EPA-8081A**	ND	**A10**	1
4,4'-DDD	**0.56**	**mg/kg**	**0.074**	**0.013**	**EPA-8081A**	ND	**A01**	2
4,4'-DDE	**0.060**	**mg/kg**	**0.015**	**0.0025**	**EPA-8081A**	ND	**A10**	1
4,4'-DDT	ND	mg/kg	0.015	0.0023	EPA-8081A	ND	A10	1
Dieldrin	ND	mg/kg	0.015	0.0021	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.015	0.0026	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.015	0.0033	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.015	0.0029	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.015	0.0026	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.015	0.0029	EPA-8081A	ND	A10	1
Heptachlor	**0.019**	**mg/kg**	**0.015**	**0.0017**	**EPA-8081A**	ND	**A10**	1
Heptachlor epoxide	ND	mg/kg	0.015	0.0023	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.015	0.0033	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	1.5	0.039	EPA-8081A	ND	A10	1
TCMX (Surrogate)	95.0	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	111	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 15:18	HKS	GC-17	29.703	B[A1338
2	EPA-8081A	01/17/17	01/18/17 15:32	HKS	GC-17	148.51	B[A1338

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-10 | **Client Sample Name:** B4-0.5, 1/13/2017 8:38:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**1.4**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1
Barium	**29**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.081**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**3.8**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.061		1
Cobalt	**1.6**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**4.4**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.29		1
Lead	**3.0**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**2.3**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	**0.068**	**mg/kg**	**0.50**	**0.067**	**EPA-6010B**	ND	**J**	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**15**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**46**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.39		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 14:42	JCC	PE-OP3	0.990	B[A1346
2	EPA-7471A	01/17/17	01/18/17 13:01	MEV	CETAC2	0.904	B[A1264

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Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-11 | **Client Sample Name:** B4-2.5, 1/13/2017 8:38:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0075	0.00082	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0075	0.00096	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0075	0.0011	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0075	0.00088	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0075	0.00051	EPA-8081A	ND	A10	1
Chlordane (Technical)	**1.0**	**mg/kg**	**0.75**	**0.022**	**EPA-8081A**	ND	**A10**	1
4,4'-DDD	**0.0076**	**mg/kg**	**0.0075**	**0.0013**	**EPA-8081A**	ND	**A10**	1
4,4'-DDE	**0.025**	**mg/kg**	**0.0075**	**0.0012**	**EPA-8081A**	ND	**A10**	1
4,4'-DDT	**0.0062**	**mg/kg**	**0.0075**	**0.0012**	**EPA-8081A**	ND	**J,A10**	1
Dieldrin	ND	mg/kg	0.0075	0.0010	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0075	0.0013	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0075	0.0016	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0075	0.0015	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0075	0.0013	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0075	0.0015	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0075	0.00086	EPA-8081A	ND	A10	1
Heptachlor epoxide	**0.064**	**mg/kg**	**0.0075**	**0.0012**	**EPA-8081A**	ND	**A10**	1
Methoxychlor	ND	mg/kg	0.0075	0.0016	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.75	0.020	EPA-8081A	ND	A10	1
TCMX (Surrogate)	94.2	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	113	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 16:16	HKS	GC-17	15	B[A1338

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Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-11 | **Client Sample Name:** B4-2.5, 1/13/2017 8:38:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	ND	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	**33**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.081**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**3.9**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.058		1
Cobalt	**1.7**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**3.1**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.28		1
Lead	**2.2**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND	**J**	1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**2.6**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	**0.068**	**mg/kg**	**0.50**	**0.067**	**EPA-6010B**	ND	**J**	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**14**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**13**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.37		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 14:43	JCC	PE-OP3	0.952	B[A1346
2	EPA-7471A	01/17/17	01/18/17 13:03	MEV	CETAC2	1.008	B[A1264

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Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-13 | **Client Sample Name:** B5-0.5, 1/13/2017 10:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0029	0.00032	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0029	0.00037	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0029	0.00041	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0029	0.00034	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0029	0.00020	EPA-8081A	ND	A10	1
Chlordane (Technical)	**0.28**	**mg/kg**	**0.29**	**0.0087**	**EPA-8081A**	ND	**J,A10**	1
4,4'-DDD	**0.015**	**mg/kg**	**0.0029**	**0.00049**	**EPA-8081A**	ND	**A10**	1
4,4'-DDE	**0.0050**	**mg/kg**	**0.0029**	**0.00048**	**EPA-8081A**	ND	**A10**	1
4,4'-DDT	**0.0044**	**mg/kg**	**0.0029**	**0.00045**	**EPA-8081A**	ND	**A10**	1
Dieldrin	**0.0021**	**mg/kg**	**0.0029**	**0.00040**	**EPA-8081A**	ND	**J,A10**	1
Endosulfan I	ND	mg/kg	0.0029	0.00050	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0029	0.00063	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0029	0.00057	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0029	0.00050	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0029	0.00056	EPA-8081A	ND	A10	1
Heptachlor	**0.0017**	**mg/kg**	**0.0029**	**0.00033**	**EPA-8081A**	ND	**J,A10**	1
Heptachlor epoxide	**0.013**	**mg/kg**	**0.0029**	**0.00045**	**EPA-8081A**	ND	**A10**	1
Methoxychlor	ND	mg/kg	0.0029	0.00063	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.29	0.0075	EPA-8081A	ND	A10	1
TCMX (Surrogate)	63.9	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	59.0	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 17:00	HKS	GC-17	5.769	B[A1338

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Total Concentrations (TTLC)

BCL Sample ID: 1701376-13 | **Client Sample Name:** B5-0.5, 1/13/2017 10:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	ND	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	**33**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.093**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**4.3**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.057		1
Cobalt	**1.8**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**3.6**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.28		1
Lead	**4.0**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**3.2**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**16**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**16**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.36		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 14:45	JCC	PE-OP3	0.926	B[A1346
2	EPA-7471A	01/17/17	01/18/17 13:05	MEV	CETAC2	0.962	B[A1264

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Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-14 | **Client Sample Name:** B5-2.5, 1/13/2017 10:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0015	0.00016	EPA-8081A	ND		1
alpha-BHC	ND	mg/kg	0.0015	0.00019	EPA-8081A	ND		1
beta-BHC	ND	mg/kg	0.0015	0.00021	EPA-8081A	ND		1
delta-BHC	ND	mg/kg	0.0015	0.00017	EPA-8081A	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.0015	0.00010	EPA-8081A	ND		1
Chlordane (Technical)	**0.011**	**mg/kg**	**0.15**	**0.0044**	**EPA-8081A**	ND	**J**	1
4,4'-DDD	ND	mg/kg	0.0015	0.00025	EPA-8081A	ND		1
4,4'-DDE	ND	mg/kg	0.0015	0.00024	EPA-8081A	ND		1
4,4'-DDT	ND	mg/kg	0.0015	0.00023	EPA-8081A	ND		1
Dieldrin	ND	mg/kg	0.0015	0.00021	EPA-8081A	ND		1
Endosulfan I	ND	mg/kg	0.0015	0.00026	EPA-8081A	ND		1
Endosulfan II	ND	mg/kg	0.0015	0.00032	EPA-8081A	ND		1
Endosulfan sulfate	ND	mg/kg	0.0015	0.00029	EPA-8081A	ND		1
Endrin	ND	mg/kg	0.0015	0.00026	EPA-8081A	ND		1
Endrin aldehyde	ND	mg/kg	0.0015	0.00029	EPA-8081A	ND		1
Heptachlor	ND	mg/kg	0.0015	0.00017	EPA-8081A	ND		1
Heptachlor epoxide	ND	mg/kg	0.0015	0.00023	EPA-8081A	ND		1
Methoxychlor	ND	mg/kg	0.0015	0.00032	EPA-8081A	ND		1
Toxaphene	ND	mg/kg	0.15	0.0038	EPA-8081A	ND		1
TCMX (Surrogate)	87.5	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	84.9	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 10:55	HKS	GC-17	2.941	B[A1338

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Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-14 | **Client Sample Name:** B5-2.5, 1/13/2017 10:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**0.62**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND	**J**	1
Barium	**32**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.097**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**4.2**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.058		1
Cobalt	**1.9**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**3.4**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.28		1
Lead	**1.5**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND	**J**	1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**3.3**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**15**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**13**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.37		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 14:46	JCC	PE-OP3	0.943	B[A1346
2	EPA-7471A	01/17/17	01/18/17 13:07	MEV	CETAC2	1.008	B[A1264

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-16 | **Client Sample Name:** B6-0.5, 1/13/2017 11:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0030	0.00033	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0030	0.00038	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0030	0.00043	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0030	0.00035	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0030	0.00020	EPA-8081A	ND	A10	1
Chlordane (Technical)	**0.40**	**mg/kg**	**0.30**	**0.0090**	**EPA-8081A**	ND	**A10**	1
4,4'-DDD	**0.010**	**mg/kg**	**0.0030**	**0.00051**	**EPA-8081A**	ND	**A10**	1
4,4'-DDE	**0.0027**	**mg/kg**	**0.0030**	**0.00050**	**EPA-8081A**	ND	**J,A10**	1
4,4'-DDT	**0.0028**	**mg/kg**	**0.0030**	**0.00047**	**EPA-8081A**	ND	**J,A10**	1
Dieldrin	**0.0015**	**mg/kg**	**0.0030**	**0.00042**	**EPA-8081A**	ND	**J,A10**	1
Endosulfan I	ND	mg/kg	0.0030	0.00052	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0030	0.00066	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0030	0.00059	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0030	0.00052	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0030	0.00058	EPA-8081A	ND	A10	1
Heptachlor	**0.0061**	**mg/kg**	**0.0030**	**0.00034**	**EPA-8081A**	ND	**A10**	1
Heptachlor epoxide	**0.0061**	**mg/kg**	**0.0030**	**0.00047**	**EPA-8081A**	ND	**A10**	1
Methoxychlor	ND	mg/kg	0.0030	0.00066	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.30	0.0078	EPA-8081A	ND	A10	1
TCMX (Surrogate)	57.5	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	57.3	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 17:14	HKS	GC-17	6	B[A1338

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-16 | **Client Sample Name:** B6-0.5, 1/13/2017 11:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND	A40	1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-16 | **Client Sample Name:** B6-0.5, 1/13/2017 11:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Toluene	**0.0077**	**mg/kg**	**0.0050**	**0.0012**	**EPA-8260B**	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Total Xylenes	**0.0034**	**mg/kg**	**0.010**	**0.0034**	**EPA-8260B**	ND	**J**	1
p- & m-Xylenes	**0.0023**	**mg/kg**	**0.0050**	**0.0022**	**EPA-8260B**	ND	**J**	1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	116	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	95.3	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	92.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-16 | **Client Sample Name:** B6-0.5, 1/13/2017 11:00:00AM

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	01/16/17	01/17/17 12:54	JMS	MS-V3	0.942	B[A1135

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Petroleum Hydrocarbons

BCL Sample ID: 1701376-16 | **Client Sample Name:** B6-0.5, 1/13/2017 11:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	400	100	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	200	24	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	400	130	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	98.1	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/18/17	01/19/17 06:37	AS1	GC-2	20	B[A1464

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-16 | **Client Sample Name:** B6-0.5, 1/13/2017 11:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**1.1**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1
Barium	**33**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.091**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**6.1**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.073		1
Cobalt	**2.0**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**5.0**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.092		1
Lead	**2.6**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**5.7**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		3
Silver	**0.095**	**mg/kg**	**0.50**	**0.067**	**EPA-6010B**	ND	**J**	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**18**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**15**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.24		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 12:22	JCC	PE-OP3	0.901	B[A1392
2	EPA-7471A	01/17/17	01/18/17 13:09	MEV	CETAC2	0.962	B[A1264
3	EPA-6010B	01/18/17	01/20/17 12:31	JCC	PE-OP3	0.901	B[A1392

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-17 | **Client Sample Name:** B6-2.5, 1/13/2017 11:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0015	0.00016	EPA-8081A	ND		1
alpha-BHC	ND	mg/kg	0.0015	0.00019	EPA-8081A	ND		1
beta-BHC	ND	mg/kg	0.0015	0.00021	EPA-8081A	ND		1
delta-BHC	ND	mg/kg	0.0015	0.00018	EPA-8081A	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.0015	0.00010	EPA-8081A	ND		1
Chlordane (Technical)	**0.018**	**mg/kg**	**0.15**	**0.0045**	**EPA-8081A**	ND	**J**	1
4,4'-DDD	ND	mg/kg	0.0015	0.00025	EPA-8081A	ND		1
4,4'-DDE	**0.00032**	**mg/kg**	**0.0015**	**0.00025**	**EPA-8081A**	ND	**J**	1
4,4'-DDT	ND	mg/kg	0.0015	0.00023	EPA-8081A	ND		1
Dieldrin	ND	mg/kg	0.0015	0.00021	EPA-8081A	ND		1
Endosulfan I	ND	mg/kg	0.0015	0.00026	EPA-8081A	ND		1
Endosulfan II	ND	mg/kg	0.0015	0.00033	EPA-8081A	ND		1
Endosulfan sulfate	ND	mg/kg	0.0015	0.00029	EPA-8081A	ND		1
Endrin	ND	mg/kg	0.0015	0.00026	EPA-8081A	ND		1
Endrin aldehyde	ND	mg/kg	0.0015	0.00029	EPA-8081A	ND		1
Heptachlor	ND	mg/kg	0.0015	0.00017	EPA-8081A	ND		1
Heptachlor epoxide	ND	mg/kg	0.0015	0.00023	EPA-8081A	ND		1
Methoxychlor	ND	mg/kg	0.0015	0.00033	EPA-8081A	ND		1
Toxaphene	ND	mg/kg	0.15	0.0039	EPA-8081A	ND		1
TCMX (Surrogate)	85.5	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	96.9	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 11:09	HKS	GC-17	2.970	B[A1338

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-17 | **Client Sample Name:** B6-2.5, 1/13/2017 11:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND	A40	1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-17 | **Client Sample Name:** B6-2.5, 1/13/2017 11:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	99.7	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.4	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	95.7	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-17 | **Client Sample Name:** B6-2.5, 1/13/2017 11:00:00AM

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	01/16/17	01/17/17 14:50	JMS	MS-V3	0.996	B[A1135

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Petroleum Hydrocarbons

BCL Sample ID: 1701376-17 | **Client Sample Name:** B6-2.5, 1/13/2017 11:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	91.1	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/18/17	01/19/17 05:28	AS1	GC-2	1.003	B[A1464

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-17 | **Client Sample Name:** B6-2.5, 1/13/2017 11:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**0.51**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND	**J**	1
Barium	**34**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.099**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**4.5**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.076		1
Cobalt	**1.8**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**3.5**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.096		1
Lead	**1.4**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND	**J**	1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**3.2**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		3
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**17**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**14**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.25		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 12:23	JCC	PE-OP3	0.943	B[A1392
2	EPA-7471A	01/17/17	01/18/17 13:11	MEV	CETAC2	0.992	B[A1264
3	EPA-6010B	01/18/17	01/20/17 12:33	JCC	PE-OP3	0.943	B[A1392

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-19 | **Client Sample Name:** B7-0.5, 1/13/2017 10:32:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0029	0.00032	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0029	0.00037	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0029	0.00041	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0029	0.00034	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0029	0.00020	EPA-8081A	ND	A10	1
Chlordane (Technical)	ND	mg/kg	0.29	0.0087	EPA-8081A	ND	A10	1
4,4'-DDD	ND	mg/kg	0.0029	0.00050	EPA-8081A	ND	A10	1
4,4'-DDE	**0.0010**	**mg/kg**	**0.0029**	**0.00048**	**EPA-8081A**	ND	**J,A10**	1
4,4'-DDT	ND	mg/kg	0.0029	0.00045	EPA-8081A	ND	A10	1
Dieldrin	ND	mg/kg	0.0029	0.00041	EPA-8081A	ND	A10	1
Endosulfan I	ND	mg/kg	0.0029	0.00051	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0029	0.00064	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0029	0.00058	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0029	0.00051	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0029	0.00057	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0029	0.00033	EPA-8081A	ND	A10	1
Heptachlor epoxide	ND	mg/kg	0.0029	0.00045	EPA-8081A	ND	A10	1
Methoxychlor	ND	mg/kg	0.0029	0.00064	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.29	0.0076	EPA-8081A	ND	A10	1
TCMX (Surrogate)	48.7	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	55.6	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 13:35	HKS	GC-17	5.825	B[A1338

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-19 | **Client Sample Name:** B7-0.5, 1/13/2017 10:32:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0043	0.00080	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0043	0.00073	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0043	0.0013	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0043	0.0014	EPA-8260B	ND	A40	1
n-Butylbenzene	ND	mg/kg	0.0043	0.0013	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0043	0.0010	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0043	0.0010	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0043	0.00095	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0043	0.00055	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0043	0.0016	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0043	0.00086	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0043	0.0015	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0043	0.00087	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0043	0.0016	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0043	0.00070	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0043	0.0013	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0043	0.00074	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0043	0.0010	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0043	0.00070	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0043	0.00095	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0043	0.0010	EPA-8260B	ND		1

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-19 | **Client Sample Name:** B7-0.5, 1/13/2017 10:32:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0043	0.00095	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0043	0.0010	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0043	0.0013	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0043	0.0015	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.0087	0.0021	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0043	0.00043	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0043	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0043	0.00095	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
Toluene	**0.0048**	**mg/kg**	**0.0043**	**0.0010**	**EPA-8260B**	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0043	0.0018	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0043	0.0017	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0043	0.00095	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0043	0.00067	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0043	0.00095	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0043	0.00095	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0043	0.0014	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0043	0.0013	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0043	0.0014	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.0087	0.0030	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0043	0.0019	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0043	0.0010	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	112	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	94.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-19 | **Client Sample Name:** B7-0.5, 1/13/2017 10:32:00AM

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	01/16/17	01/17/17 14:27	JMS	MS-V3	0.868	B[A1135

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Petroleum Hydrocarbons

BCL Sample ID: 1701376-19 | **Client Sample Name:** B7-0.5, 1/13/2017 10:32:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	320	79	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	160	19	EPA-8015B/FFP	ND		1
TPH - Motor Oil	**550**	**mg/kg**	**320**	**100**	**EPA-8015B/FFP**	ND		1
Tetracosane (Surrogate)	95.1	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/18/17	01/19/17 06:14	AS1	GC-2	15.789	B[A1464

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-19 | **Client Sample Name:** B7-0.5, 1/13/2017 10:32:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**0.50**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND	**J**	1
Barium	**34**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.093**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**4.8**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.075		1
Cobalt	**1.8**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**3.5**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.094		1
Lead	**1.7**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND	**J**	1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**4.2**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	**1.0**	**mg/kg**	**1.0**	**0.98**	**EPA-6010B**	ND		3
Silver	**0.080**	**mg/kg**	**0.50**	**0.067**	**EPA-6010B**	ND	**J**	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**16**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**13**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.25		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 12:25	JCC	PE-OP3	0.926	B[A1392
2	EPA-7471A	01/17/17	01/18/17 13:14	MEV	CETAC2	1.008	B[A1264
3	EPA-6010B	01/18/17	01/20/17 12:34	JCC	PE-OP3	0.926	B[A1392

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-20 | **Client Sample Name:** B7-2.5, 1/13/2017 10:32:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0014	0.00016	EPA-8081A	ND		1
alpha-BHC	ND	mg/kg	0.0014	0.00018	EPA-8081A	ND		1
beta-BHC	ND	mg/kg	0.0014	0.00020	EPA-8081A	ND		1
delta-BHC	ND	mg/kg	0.0014	0.00017	EPA-8081A	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.0014	0.000098	EPA-8081A	ND		1
Chlordane (Technical)	ND	mg/kg	0.14	0.0043	EPA-8081A	ND		1
4,4'-DDD	ND	mg/kg	0.0014	0.00025	EPA-8081A	ND		1
4,4'-DDE	ND	mg/kg	0.0014	0.00024	EPA-8081A	ND		1
4,4'-DDT	ND	mg/kg	0.0014	0.00022	EPA-8081A	ND		1
Dieldrin	ND	mg/kg	0.0014	0.00020	EPA-8081A	ND		1
Endosulfan I	ND	mg/kg	0.0014	0.00025	EPA-8081A	ND		1
Endosulfan II	ND	mg/kg	0.0014	0.00032	EPA-8081A	ND		1
Endosulfan sulfate	ND	mg/kg	0.0014	0.00029	EPA-8081A	ND		1
Endrin	ND	mg/kg	0.0014	0.00025	EPA-8081A	ND		1
Endrin aldehyde	ND	mg/kg	0.0014	0.00028	EPA-8081A	ND		1
Heptachlor	ND	mg/kg	0.0014	0.00016	EPA-8081A	ND		1
Heptachlor epoxide	ND	mg/kg	0.0014	0.00022	EPA-8081A	ND		1
Methoxychlor	ND	mg/kg	0.0014	0.00032	EPA-8081A	ND		1
Toxaphene	ND	mg/kg	0.14	0.0038	EPA-8081A	ND		1
TCMX (Surrogate)	87.4	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	95.4	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 13:06	HKS	GC-17	2.885	B[A1338

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-20 | **Client Sample Name:** B7-2.5, 1/13/2017 10:32:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND	A40	1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-20 | **Client Sample Name:** B7-2.5, 1/13/2017 10:32:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	113	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	92.8	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-20 | **Client Sample Name:** B7-2.5, 1/13/2017 10:32:00AM

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	01/16/17	01/17/17 15:13	JMS	MS-V3	0.906	B[A1135

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Petroleum Hydrocarbons

BCL Sample ID: 1701376-20 | **Client Sample Name:** B7-2.5, 1/13/2017 10:32:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	81.7	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/18/17	01/19/17 05:51	AS1	GC-2	1.003	B[A1464

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-20 | **Client Sample Name:** B7-2.5, 1/13/2017 10:32:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**0.60**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND	**J**	1
Barium	**33**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.12**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**5.3**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.074		1
Cobalt	**2.1**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**3.9**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.094		1
Lead	**2.4**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND	**J**	1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**4.2**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		3
Silver	**0.11**	**mg/kg**	**0.50**	**0.067**	**EPA-6010B**	ND	**J**	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**17**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**15**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.25		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 12:26	JCC	PE-OP3	0.917	B[A1392
2	EPA-7471A	01/17/17	01/18/17 13:16	MEV	CETAC2	0.992	B[A1264
3	EPA-6010B	01/18/17	01/20/17 12:35	JCC	PE-OP3	0.917	B[A1392

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-22 | **Client Sample Name:** B8-0.5, 1/13/2017 10:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0029	0.00031	EPA-8081A	ND	A10	1
alpha-BHC	ND	mg/kg	0.0029	0.00037	EPA-8081A	ND	A10	1
beta-BHC	ND	mg/kg	0.0029	0.00041	EPA-8081A	ND	A10	1
delta-BHC	ND	mg/kg	0.0029	0.00034	EPA-8081A	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0029	0.00019	EPA-8081A	ND	A10	1
Chlordane (Technical)	**0.63**	**mg/kg**	**0.29**	**0.0086**	**EPA-8081A**	ND	**A10**	1
4,4'-DDD	**0.020**	**mg/kg**	**0.0029**	**0.00049**	**EPA-8081A**	ND	**A10**	1
4,4'-DDE	**0.0073**	**mg/kg**	**0.0029**	**0.00047**	**EPA-8081A**	ND	**A10**	1
4,4'-DDT	**0.0051**	**mg/kg**	**0.0029**	**0.00045**	**EPA-8081A**	ND	**A10**	1
Dieldrin	**0.0022**	**mg/kg**	**0.0029**	**0.00040**	**EPA-8081A**	ND	**J,A10**	1
Endosulfan I	ND	mg/kg	0.0029	0.00050	EPA-8081A	ND	A10	1
Endosulfan II	ND	mg/kg	0.0029	0.00063	EPA-8081A	ND	A10	1
Endosulfan sulfate	ND	mg/kg	0.0029	0.00057	EPA-8081A	ND	A10	1
Endrin	ND	mg/kg	0.0029	0.00050	EPA-8081A	ND	A10	1
Endrin aldehyde	ND	mg/kg	0.0029	0.00055	EPA-8081A	ND	A10	1
Heptachlor	ND	mg/kg	0.0029	0.00033	EPA-8081A	ND	A10	1
Heptachlor epoxide	**0.015**	**mg/kg**	**0.0029**	**0.00045**	**EPA-8081A**	ND	**A10**	1
Methoxychlor	ND	mg/kg	0.0029	0.00063	EPA-8081A	ND	A10	1
Toxaphene	ND	mg/kg	0.29	0.0074	EPA-8081A	ND	A10	1
TCMX (Surrogate)	64.8	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	58.2	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 13:50	HKS	GC-17	5.714	B[A1338

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-22 | **Client Sample Name:** B8-0.5, 1/13/2017 10:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0038	0.00099	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0038	0.00099	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0038	0.00070	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0038	0.00064	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0038	0.0011	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0038	0.0012	EPA-8260B	ND	A40	1
n-Butylbenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0038	0.00091	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0038	0.00091	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0038	0.00084	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0038	0.00099	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0038	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0038	0.00048	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0038	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0038	0.0014	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0038	0.0011	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0038	0.00075	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0038	0.0013	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0038	0.00076	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0038	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0038	0.00062	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0038	0.00099	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0038	0.0011	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0038	0.00065	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0038	0.00091	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0038	0.00099	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0038	0.0011	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0038	0.00062	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0038	0.00084	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0038	0.00099	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0038	0.00091	EPA-8260B	ND		1

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-22 | **Client Sample Name:** B8-0.5, 1/13/2017 10:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0038	0.00084	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0038	0.00091	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0038	0.0013	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0038	0.00099	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0038	0.00099	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.0076	0.0018	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0038	0.00038	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0038	0.0011	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0038	0.00099	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0038	0.0011	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0038	0.00084	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0038	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0038	0.00099	EPA-8260B	ND		1
Toluene	**0.0084**	**mg/kg**	**0.0038**	**0.00091**	**EPA-8260B**	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0038	0.0016	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0038	0.0015	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0038	0.00084	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0038	0.00059	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0038	0.00084	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0038	0.00084	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0038	0.0012	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0038	0.00099	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0038	0.00099	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0038	0.0012	EPA-8260B	ND		1
Total Xylenes	**0.0047**	**mg/kg**	**0.0076**	**0.0026**	**EPA-8260B**	ND	**J**	1
p- & m-Xylenes	**0.0033**	**mg/kg**	**0.0038**	**0.0017**	**EPA-8260B**	ND	**J**	1
o-Xylene	**0.0014**	**mg/kg**	**0.0038**	**0.00091**	**EPA-8260B**	ND	**J**	1
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.5	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	86.8	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-22 | **Client Sample Name:** B8-0.5, 1/13/2017 10:20:00AM

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	01/16/17	01/17/17 15:59	JMS	MS-V3	0.760	B[A1135

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Ventura, CA 93003

Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Petroleum Hydrocarbons

BCL Sample ID: 1701376-22 | **Client Sample Name:** B8-0.5, 1/13/2017 10:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	**75**	**mg/kg**	**20**	**6.5**	**EPA-8015B/FFP**	ND		1
Tetracosane (Surrogate)	67.8	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/18/17	01/19/17 09:02	AS1	GC-2	1.014	B[A1464

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-22 | **Client Sample Name:** B8-0.5, 1/13/2017 10:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**0.86**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND	**J**	1
Barium	**32**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.090**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**4.8**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.075		1
Cobalt	**1.7**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**4.2**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.094		1
Lead	**2.8**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**3.3**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		3
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**17**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**14**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.25		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 12:27	JCC	PE-OP3	0.926	B[A1392
2	EPA-7471A	01/17/17	01/18/17 13:22	MEV	CETAC2	0.962	B[A1264
3	EPA-6010B	01/18/17	01/20/17 12:37	JCC	PE-OP3	0.926	B[A1392

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1701376-23 | **Client Sample Name:** B8-2.5, 1/13/2017 10:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0015	0.00016	EPA-8081A	ND		1
alpha-BHC	ND	mg/kg	0.0015	0.00019	EPA-8081A	ND		1
beta-BHC	ND	mg/kg	0.0015	0.00021	EPA-8081A	ND		1
delta-BHC	ND	mg/kg	0.0015	0.00018	EPA-8081A	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.0015	0.00010	EPA-8081A	ND		1
Chlordane (Technical)	ND	mg/kg	0.15	0.0045	EPA-8081A	ND		1
4,4'-DDD	**0.00040**	**mg/kg**	**0.0015**	**0.00025**	**EPA-8081A**	ND	**J**	1
4,4'-DDE	**0.0011**	**mg/kg**	**0.0015**	**0.00025**	**EPA-8081A**	ND	**J**	1
4,4'-DDT	ND	mg/kg	0.0015	0.00023	EPA-8081A	ND		1
Dieldrin	ND	mg/kg	0.0015	0.00021	EPA-8081A	ND		1
Endosulfan I	ND	mg/kg	0.0015	0.00026	EPA-8081A	ND		1
Endosulfan II	ND	mg/kg	0.0015	0.00033	EPA-8081A	ND		1
Endosulfan sulfate	ND	mg/kg	0.0015	0.00029	EPA-8081A	ND		1
Endrin	ND	mg/kg	0.0015	0.00026	EPA-8081A	ND		1
Endrin aldehyde	ND	mg/kg	0.0015	0.00029	EPA-8081A	ND		1
Heptachlor	ND	mg/kg	0.0015	0.00017	EPA-8081A	ND		1
Heptachlor epoxide	ND	mg/kg	0.0015	0.00023	EPA-8081A	ND		1
Methoxychlor	ND	mg/kg	0.0015	0.00033	EPA-8081A	ND		1
Toxaphene	ND	mg/kg	0.15	0.0039	EPA-8081A	ND		1
TCMX (Surrogate)	90.9	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	98.3	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	01/17/17	01/18/17 13:21	HKS	GC-17	2.970	B[A1338

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-23 | **Client Sample Name:** B8-2.5, 1/13/2017 10:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0043	0.00079	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0043	0.00072	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0043	0.0013	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0043	0.0014	EPA-8260B	ND	A40	1
n-Butylbenzene	ND	mg/kg	0.0043	0.0013	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0043	0.0010	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0043	0.0010	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0043	0.00094	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0043	0.00054	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0043	0.0015	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0043	0.00085	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0043	0.0015	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0043	0.00085	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0043	0.0015	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0043	0.00069	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0043	0.0013	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0043	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0043	0.0010	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0043	0.00069	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0043	0.00094	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0043	0.0010	EPA-8260B	ND		1

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-23 | **Client Sample Name:** B8-2.5, 1/13/2017 10:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0043	0.00094	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0043	0.0010	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0043	0.0013	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0043	0.0015	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.0085	0.0021	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0043	0.00043	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0043	0.00094	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0043	0.00094	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0043	0.0010	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0043	0.0018	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0043	0.0017	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0043	0.00094	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0043	0.00066	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0043	0.00094	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0043	0.00094	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0043	0.0014	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0043	0.0011	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0043	0.0013	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0043	0.0014	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.0085	0.0029	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0043	0.0019	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0043	0.0010	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	114	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	92.6	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1701376-23 | **Client Sample Name:** B8-2.5, 1/13/2017 10:20:00AM

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	01/16/17	01/17/17 16:22	JMS	MS-V3	0.855	B[A1135

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Petroleum Hydrocarbons

BCL Sample ID: 1701376-23 | **Client Sample Name:** B8-2.5, 1/13/2017 10:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	81.3	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	01/18/17	01/19/17 05:06	AS1	GC-2	1	B[A1464

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-23 | **Client Sample Name:** B8-2.5, 1/13/2017 10:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	ND	mg/kg	1.0	0.40	EPA-6010B	ND		1
Barium	**32**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.086**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	ND		1
Chromium	**4.4**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.076		1
Cobalt	**1.7**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**3.5**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	0.096		1
Lead	**1.6**	**mg/kg**	**2.5**	**0.28**	**EPA-6010B**	ND	**J**	1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**3.1**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	ND		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		3
Silver	**0.080**	**mg/kg**	**0.50**	**0.067**	**EPA-6010B**	ND	**J**	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**16**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**13**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	0.25		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/18/17	01/19/17 12:29	JCC	PE-OP3	0.943	B[A1392
2	EPA-7471A	01/17/17	01/18/17 13:24	MEV	CETAC2	0.962	B[A1264
3	EPA-6010B	01/18/17	01/20/17 12:38	JCC	PE-OP3	0.943	B[A1392

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-25 | **Client Sample Name:** Wipe - N1, 1/13/2017 10:15:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**12000**	**ug/sq. ft.**	**12**	**1.4**	**EPA-6010B**	ND	**A07**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/19/17	01/20/17 11:09	JCC	PE-OP3	5	B[A1491

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-26 | **Client Sample Name:** Wipe - N2, 1/13/2017 10:15:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**140**	**ug/sq. ft.**	**2.5**	**0.28**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/19/17	01/19/17 18:39	JCC	PE-OP3	1	B[A1491

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Total Concentrations (TTLC)

BCL Sample ID: 1701376-27 | **Client Sample Name:** Wipe - N3, 1/13/2017 10:30:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	**49**	**ug/sq. ft.**	**2.5**	**0.28**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/19/17	01/19/17 18:41	JCC	PE-OP3	1	B[A1491

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[A1338						
Aldrin	B[A1338-BLK1	ND	mg/kg	0.00050	0.000055	
alpha-BHC	B[A1338-BLK1	ND	mg/kg	0.00050	0.000064	
beta-BHC	B[A1338-BLK1	ND	mg/kg	0.00050	0.000071	
delta-BHC	B[A1338-BLK1	ND	mg/kg	0.00050	0.000059	
gamma-BHC (Lindane)	B[A1338-BLK1	ND	mg/kg	0.00050	0.000034	
Chlordane (Technical)	B[A1338-BLK1	ND	mg/kg	0.050	0.0015	
4,4'-DDD	B[A1338-BLK1	ND	mg/kg	0.00050	0.000085	
4,4'-DDE	B[A1338-BLK1	ND	mg/kg	0.00050	0.000083	
4,4'-DDT	B[A1338-BLK1	ND	mg/kg	0.00050	0.000078	
Dieldrin	B[A1338-BLK1	ND	mg/kg	0.00050	0.000070	
Endosulfan I	B[A1338-BLK1	ND	mg/kg	0.00050	0.000087	
Endosulfan II	B[A1338-BLK1	ND	mg/kg	0.00050	0.00011	
Endosulfan sulfate	B[A1338-BLK1	ND	mg/kg	0.00050	0.000099	
Endrin	B[A1338-BLK1	ND	mg/kg	0.00050	0.000087	
Endrin aldehyde	B[A1338-BLK1	ND	mg/kg	0.00050	0.000097	
Heptachlor	B[A1338-BLK1	ND	mg/kg	0.00050	0.000057	
Heptachlor epoxide	B[A1338-BLK1	ND	mg/kg	0.00050	0.000078	
Methoxychlor	B[A1338-BLK1	ND	mg/kg	0.00050	0.00011	
Toxaphene	B[A1338-BLK1	ND	mg/kg	0.050	0.0013	
TCMX (Surrogate)	**B[A1338-BLK1**	**108**	%	**20 - 130 (LCL - UCL)**		
Decachlorobiphenyl (Surrogate)	**B[A1338-BLK1**	**93.0**	%	**40 - 130 (LCL - UCL)**		

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B[A1338										
Aldrin	B[A1338-BS1	LCS	0.0051626	0.0050505	mg/kg	102		70 - 130		
gamma-BHC (Lindane)	B[A1338-BS1	LCS	0.0048303	0.0050505	mg/kg	95.6		60 - 140		
4,4'-DDT	B[A1338-BS1	LCS	0.0040532	0.0050505	mg/kg	80.3		60 - 140		
Dieldrin	B[A1338-BS1	LCS	0.0047263	0.0050505	mg/kg	93.6		70 - 130		
Endrin	B[A1338-BS1	LCS	0.0040576	0.0050505	mg/kg	80.3		60 - 140		
Heptachlor	B[A1338-BS1	LCS	0.0045663	0.0050505	mg/kg	90.4		60 - 140		
TCMX (Surrogate)	B[A1338-BS1	LCS	0.010414	0.010101	mg/kg	103		20 - 130		
Decachlorobiphenyl (Surrogate)	B[A1338-BS1	LCS	0.016664	0.020202	mg/kg	82.5		40 - 130		

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
Project Number: 16-3292
Project Manager: Ariel Namm

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[A1338	Used client sample: N										
Aldrin	MS	1634543-58	ND	0.0044695	0.0050336	mg/kg		88.8		50 - 140	
	MSD	1634543-58	ND	0.0045547	0.0050676	mg/kg	1.9	89.9	30	50 - 140	
gamma-BHC (Lindane)	MS	1634543-58	ND	0.0043738	0.0050336	mg/kg		86.9		50 - 140	
	MSD	1634543-58	ND	0.0045615	0.0050676	mg/kg	4.2	90.0	30	50 - 140	
4,4'-DDT	MS	1634543-58	ND	0.0036956	0.0050336	mg/kg		73.4		50 - 140	
	MSD	1634543-58	ND	0.0039280	0.0050676	mg/kg	6.1	77.5	30	50 - 140	
Dieldrin	MS	1634543-58	ND	0.0043980	0.0050336	mg/kg		87.4		40 - 140	
	MSD	1634543-58	ND	0.0045459	0.0050676	mg/kg	3.3	89.7	30	40 - 140	
Endrin	MS	1634543-58	ND	0.0037738	0.0050336	mg/kg		75.0		50 - 150	
	MSD	1634543-58	ND	0.0039051	0.0050676	mg/kg	3.4	77.1	30	50 - 150	
Heptachlor	MS	1634543-58	ND	0.0040779	0.0050336	mg/kg		81.0		60 - 140	
	MSD	1634543-58	ND	0.0042176	0.0050676	mg/kg	3.4	83.2	30	60 - 140	
TCMX (Surrogate)	MS	1634543-58	ND	0.0083607	0.010067	mg/kg		83.1		20 - 130	
	MSD	1634543-58	ND	0.0099145	0.010135	mg/kg	17.0	97.8		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	1634543-58	ND	0.016263	0.020134	mg/kg		80.8		40 - 130	
	MSD	1634543-58	ND	0.017953	0.020270	mg/kg	9.9	88.6		40 - 130	

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Reported: 01/23/2017 13:59
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Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[A1135						
Benzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0013	
Bromobenzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0013	
Bromochloromethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.00092	
Bromodichloromethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.00084	
Bromoform	B[A1135-BLK1	ND	mg/kg	0.0050	0.0015	
Bromomethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0016	
n-Butylbenzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0015	
sec-Butylbenzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0012	
tert-Butylbenzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0012	
Carbon tetrachloride	B[A1135-BLK1	ND	mg/kg	0.0050	0.0011	
Chlorobenzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0013	
Chloroethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0014	
Chloroform	B[A1135-BLK1	ND	mg/kg	0.0050	0.00063	
Chloromethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0014	
2-Chlorotoluene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0018	
4-Chlorotoluene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0014	
Dibromochloromethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.00099	
1,2-Dibromo-3-chloropropane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0017	
1,2-Dibromoethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0010	
Dibromomethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0018	
1,2-Dichlorobenzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.00081	
1,3-Dichlorobenzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0014	
1,4-Dichlorobenzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0015	
Dichlorodifluoromethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0013	
1,1-Dichloroethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichloroethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.00085	
1,1-Dichloroethene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0012	
cis-1,2-Dichloroethene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0013	
trans-1,2-Dichloroethene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichloropropane	B[A1135-BLK1	ND	mg/kg	0.0050	0.00081	
1,3-Dichloropropane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0011	
2,2-Dichloropropane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0013	
1,1-Dichloropropene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0012	
cis-1,3-Dichloropropene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0011	

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Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[A1135						
trans-1,3-Dichloropropene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0012	
Ethylbenzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0015	
Hexachlorobutadiene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0017	
Isopropylbenzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0013	
p-Isopropyltoluene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0013	
Methylene chloride	B[A1135-BLK1	ND	mg/kg	0.010	0.0024	
Methyl t-butyl ether	B[A1135-BLK1	ND	mg/kg	0.0050	0.00050	
Naphthalene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0014	
n-Propylbenzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0013	
Styrene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0014	
1,1,1,2-Tetrachloroethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0011	
1,1,2,2-Tetrachloroethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0011	
Tetrachloroethene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0013	
Toluene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0012	
1,2,3-Trichlorobenzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0021	
1,2,4-Trichlorobenzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0020	
1,1,1-Trichloroethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0011	
1,1,2-Trichloroethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.00077	
Trichloroethene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0011	
Trichlorofluoromethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0011	
1,2,3-Trichloropropane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0016	
1,1,2-Trichloro-1,2,2-trifluoroethane	B[A1135-BLK1	ND	mg/kg	0.0050	0.0013	
1,2,4-Trimethylbenzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0013	
1,3,5-Trimethylbenzene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0015	
Vinyl chloride	B[A1135-BLK1	ND	mg/kg	0.0050	0.0016	
Total Xylenes	B[A1135-BLK1	ND	mg/kg	0.010	0.0034	
p- & m-Xylenes	B[A1135-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	B[A1135-BLK1	ND	mg/kg	0.0050	0.0012	
1,2-Dichloroethane-d4 (Surrogate)	**B[A1135-BLK1**	**99.3**	%	**70 - 121 (LCL - UCL)**		
Toluene-d8 (Surrogate)	**B[A1135-BLK1**	**97.3**	%	**81 - 117 (LCL - UCL)**		
4-Bromofluorobenzene (Surrogate)	**B[A1135-BLK1**	**92.8**	%	**74 - 121 (LCL - UCL)**		

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Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B[A1135										
Benzene	B[A1135-BS1	LCS	0.12442	0.12500	mg/kg	99.5		70 - 130		
Bromodichloromethane	B[A1135-BS1	LCS	0.11272	0.12500	mg/kg	90.2		70 - 130		
Chlorobenzene	B[A1135-BS1	LCS	0.11584	0.12500	mg/kg	92.7		70 - 130		
Chloroethane	B[A1135-BS1	LCS	0.12963	0.12500	mg/kg	104		70 - 130		
1,4-Dichlorobenzene	B[A1135-BS1	LCS	0.11358	0.12500	mg/kg	90.9		70 - 130		
1,1-Dichloroethane	B[A1135-BS1	LCS	0.11560	0.12500	mg/kg	92.5		70 - 130		
1,1-Dichloroethene	B[A1135-BS1	LCS	0.12149	0.12500	mg/kg	97.2		70 - 130		
Toluene	B[A1135-BS1	LCS	0.11667	0.12500	mg/kg	93.3		70 - 130		
Trichloroethene	B[A1135-BS1	LCS	0.11636	0.12500	mg/kg	93.1		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B[A1135-BS1	LCS	0.048410	0.050000	mg/kg	96.8		70 - 121		
Toluene-d8 (Surrogate)	B[A1135-BS1	LCS	0.049270	0.050000	mg/kg	98.5		81 - 117		
4-Bromofluorobenzene (Surrogate)	B[A1135-BS1	LCS	0.047260	0.050000	mg/kg	94.5		74 - 121		

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Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[A1135	Used client sample: N										
Benzene	MS	1634543-98	ND	0.12219	0.12500	mg/kg		97.8		70 - 130	
	MSD	1634543-98	ND	0.12337	0.12500	mg/kg	1.0	98.7	20	70 - 130	
Bromodichloromethane	MS	1634543-98	ND	0.11172	0.12500	mg/kg		89.4		70 - 130	
	MSD	1634543-98	ND	0.11334	0.12500	mg/kg	1.4	90.7	20	70 - 130	
Chlorobenzene	MS	1634543-98	ND	0.11947	0.12500	mg/kg		95.6		70 - 130	
	MSD	1634543-98	ND	0.11622	0.12500	mg/kg	2.8	93.0	20	70 - 130	
Chloroethane	MS	1634543-98	ND	0.13015	0.12500	mg/kg		104		70 - 130	
	MSD	1634543-98	ND	0.13529	0.12500	mg/kg	3.9	108	20	70 - 130	
1,4-Dichlorobenzene	MS	1634543-98	ND	0.12164	0.12500	mg/kg		97.3		70 - 130	
	MSD	1634543-98	ND	0.11232	0.12500	mg/kg	8.0	89.9	20	70 - 130	
1,1-Dichloroethane	MS	1634543-98	ND	0.11543	0.12500	mg/kg		92.3		70 - 130	
	MSD	1634543-98	ND	0.11869	0.12500	mg/kg	2.8	95.0	20	70 - 130	
1,1-Dichloroethene	MS	1634543-98	ND	0.12247	0.12500	mg/kg		98.0		70 - 130	
	MSD	1634543-98	ND	0.12028	0.12500	mg/kg	1.8	96.2	20	70 - 130	
Toluene	MS	1634543-98	ND	0.11479	0.12500	mg/kg		91.8		70 - 130	
	MSD	1634543-98	ND	0.12265	0.12500	mg/kg	6.6	98.1	20	70 - 130	
Trichloroethene	MS	1634543-98	ND	0.11419	0.12500	mg/kg		91.4		70 - 130	
	MSD	1634543-98	ND	0.11556	0.12500	mg/kg	1.2	92.4	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1634543-98	ND	0.046260	0.050000	mg/kg		92.5		70 - 121	
	MSD	1634543-98	ND	0.047250	0.050000	mg/kg	2.1	94.5		70 - 121	
Toluene-d8 (Surrogate)	MS	1634543-98	ND	0.049150	0.050000	mg/kg		98.3		81 - 117	
	MSD	1634543-98	ND	0.049000	0.050000	mg/kg	0.3	98.0		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	1634543-98	ND	0.047960	0.050000	mg/kg		95.9		74 - 121	
	MSD	1634543-98	ND	0.046460	0.050000	mg/kg	3.2	92.9		74 - 121	

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Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[A1464						
TPH - Gasoline	B[A1464-BLK1	ND	mg/kg	20	5.0	
TPH - Diesel (FFP)	B[A1464-BLK1	ND	mg/kg	10	1.2	
TPH - Motor Oil	B[A1464-BLK1	ND	mg/kg	20	6.5	
Tetracosane (Surrogate)	**B[A1464-BLK1**	**83.2**	%	**20 - 145 (LCL - UCL)**		

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Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B[A1464										
TPH - Diesel (FFP)	B[A1464-BS1	LCS	69.707	83.333	mg/kg	83.6		64 - 124		
Tetracosane (Surrogate)	B[A1464-BS1	LCS	3.2203	3.3333	mg/kg	96.6		20 - 145		

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Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[A1464	Used client sample: N										
TPH - Diesel (FFP)	MS	1634543-97	ND	71.701	83.893	mg/kg		85.5		52 - 131	
	MSD	1634543-97	ND	62.998	84.175	mg/kg	12.9	74.8	30	52 - 131	
Tetracosane (Surrogate)	MS	1634543-97	ND	3.2874	3.3557	mg/kg		98.0		20 - 145	
	MSD	1634543-97	ND	2.8726	3.3670	mg/kg	13.5	85.3		20 - 145	

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Reported: 01/23/2017 13:59
Project: 1040 Flower St.
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Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[A1264						
Mercury	B[A1264-BLK1	ND	mg/kg	0.16	0.041	
QC Batch ID: B[A1346						
Antimony	B[A1346-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	B[A1346-BLK1	ND	mg/kg	1.0	0.40	
Barium	B[A1346-BLK1	ND	mg/kg	0.50	0.18	
Beryllium	B[A1346-BLK1	ND	mg/kg	0.50	0.047	
Cadmium	B[A1346-BLK1	ND	mg/kg	0.50	0.052	
Chromium	**B[A1346-BLK1**	**0.061310**	**mg/kg**	**0.50**	**0.050**	**J**
Cobalt	B[A1346-BLK1	ND	mg/kg	2.5	0.098	
Copper	**B[A1346-BLK1**	**0.29784**	**mg/kg**	**1.0**	**0.050**	**J**
Lead	B[A1346-BLK1	ND	mg/kg	2.5	0.28	
Molybdenum	B[A1346-BLK1	ND	mg/kg	2.5	0.050	
Nickel	B[A1346-BLK1	ND	mg/kg	0.50	0.15	
Selenium	B[A1346-BLK1	ND	mg/kg	1.0	0.98	
Silver	B[A1346-BLK1	ND	mg/kg	0.50	0.067	
Thallium	B[A1346-BLK1	ND	mg/kg	5.0	0.64	
Vanadium	B[A1346-BLK1	ND	mg/kg	0.50	0.11	
Zinc	**B[A1346-BLK1**	**0.39236**	**mg/kg**	**2.5**	**0.087**	**J**
QC Batch ID: B[A1392						
Antimony	B[A1392-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	B[A1392-BLK1	ND	mg/kg	1.0	0.40	
Barium	B[A1392-BLK1	ND	mg/kg	0.50	0.18	
Beryllium	B[A1392-BLK1	ND	mg/kg	0.50	0.047	
Cadmium	B[A1392-BLK1	ND	mg/kg	0.50	0.052	
Chromium	**B[A1392-BLK1**	**0.080616**	**mg/kg**	**0.50**	**0.050**	**J**
Cobalt	B[A1392-BLK1	ND	mg/kg	2.5	0.098	
Copper	**B[A1392-BLK1**	**0.10202**	**mg/kg**	**1.0**	**0.050**	**J**
Lead	B[A1392-BLK1	ND	mg/kg	2.5	0.28	
Molybdenum	B[A1392-BLK1	ND	mg/kg	2.5	0.050	
Nickel	B[A1392-BLK1	ND	mg/kg	0.50	0.15	
Selenium	B[A1392-BLK2	ND	mg/kg	1.0	0.98	
Silver	B[A1392-BLK1	ND	mg/kg	0.50	0.067	
Thallium	B[A1392-BLK1	ND	mg/kg	5.0	0.64	

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Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[A1392						
Vanadium	B[A1392-BLK1	ND	mg/kg	0.50	0.11	
Zinc	**B[A1392-BLK1**	**0.26951**	**mg/kg**	**2.5**	**0.087**	**J**
QC Batch ID: B[A1491						
Lead	B[A1491-BLK1	ND	ug/sq. ft.	2.5	0.28	

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Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B[A1264										
Mercury	B[A1264-BS1	LCS	0.85712	0.80000	mg/kg	107		80 - 120		
QC Batch ID: B[A1346										
Antimony	B[A1346-BS1	LCS	107.94	100.00	mg/kg	108		75 - 125		
Arsenic	B[A1346-BS1	LCS	10.081	10.000	mg/kg	101		75 - 125		
Barium	B[A1346-BS1	LCS	111.08	100.00	mg/kg	111		75 - 125		
Beryllium	B[A1346-BS1	LCS	10.469	10.000	mg/kg	105		75 - 125		
Cadmium	B[A1346-BS1	LCS	10.589	10.000	mg/kg	106		75 - 125		
Chromium	B[A1346-BS1	LCS	115.48	100.00	mg/kg	115		75 - 125		
Cobalt	B[A1346-BS1	LCS	107.85	100.00	mg/kg	108		75 - 125		
Copper	B[A1346-BS1	LCS	103.91	100.00	mg/kg	104		75 - 125		
Lead	B[A1346-BS1	LCS	106.54	100.00	mg/kg	107		75 - 125		
Molybdenum	B[A1346-BS1	LCS	111.04	100.00	mg/kg	111		75 - 125		
Nickel	B[A1346-BS1	LCS	116.76	100.00	mg/kg	117		75 - 125		
Selenium	B[A1346-BS1	LCS	10.797	10.000	mg/kg	108		75 - 125		
Silver	B[A1346-BS1	LCS	10.252	10.000	mg/kg	103		75 - 125		
Thallium	B[A1346-BS1	LCS	119.84	100.00	mg/kg	120		75 - 125		
Vanadium	B[A1346-BS1	LCS	112.09	100.00	mg/kg	112		75 - 125		
Zinc	B[A1346-BS1	LCS	107.69	100.00	mg/kg	108		75 - 125		
QC Batch ID: B[A1392										
Antimony	B[A1392-BS1	LCS	100.92	100.00	mg/kg	101		75 - 125		
Arsenic	B[A1392-BS1	LCS	9.6384	10.000	mg/kg	96.4		75 - 125		
Barium	B[A1392-BS1	LCS	111.06	100.00	mg/kg	111		75 - 125		
Beryllium	B[A1392-BS1	LCS	10.248	10.000	mg/kg	102		75 - 125		
Cadmium	B[A1392-BS1	LCS	9.8081	10.000	mg/kg	98.1		75 - 125		
Chromium	B[A1392-BS1	LCS	108.03	100.00	mg/kg	108		75 - 125		
Cobalt	B[A1392-BS1	LCS	101.81	100.00	mg/kg	102		75 - 125		
Copper	B[A1392-BS1	LCS	95.918	100.00	mg/kg	95.9		75 - 125		
Lead	B[A1392-BS1	LCS	100.21	100.00	mg/kg	100		75 - 125		
Molybdenum	B[A1392-BS1	LCS	102.70	100.00	mg/kg	103		75 - 125		
Nickel	B[A1392-BS1	LCS	108.18	100.00	mg/kg	108		75 - 125		
Selenium	B[A1392-BS2	LCS	10.516	10.000	mg/kg	105		75 - 125		
Silver	B[A1392-BS1	LCS	9.6734	10.000	mg/kg	96.7		75 - 125		
Thallium	B[A1392-BS1	LCS	112.23	100.00	mg/kg	112		75 - 125		

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Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B[A1392										
Vanadium	B[A1392-BS1	LCS	106.92	100.00	mg/kg	107		75 - 125		
Zinc	B[A1392-BS1	LCS	99.146	100.00	mg/kg	99.1		75 - 125		
QC Batch ID: B[A1491										
Lead	B[A1491-BS1	LCS	92.3	100	ug/sq. ft.	92.3		75 - 125		

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Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[A1264	Used client sample: Y - Description: B1-0.5, 01/13/2017 09:45										
Mercury	DUP	1701376-01	ND	ND		mg/kg			20		
	MS	1701376-01	ND	0.87079	0.79365	mg/kg		110		80 - 120	
	MSD	1701376-01	ND	0.86746	0.79365	mg/kg	0.4	109	20	80 - 120	
QC Batch ID: B[A1346	Used client sample: N										
Antimony	DUP	634346-21RE1	ND	ND		mg/kg			20		
	MS	634346-21RE1	ND	44.843	100.00	mg/kg		44.8		16 - 119	J
	MSD	634346-21RE1	ND	45.875	100.00	mg/kg	2.3	45.9	20	16 - 119	J
Arsenic	DUP	**634346-21RE1**	**6.9569**	**ND**		**mg/kg**			**20**		
	MS	**634346-21RE1**	**6.9569**	**9.6226**	**10.000**	**mg/kg**		**26.7**		**75 - 125**	**J,Q03**
	MSD	**634346-21RE1**	**6.9569**	**12.249**	**10.000**	**mg/kg**	**24.0**	**52.9**	**20**	**75 - 125**	**Q02,Q03**
Barium	DUP	634346-21RE1	122.88	109.96		mg/kg	11.1		20		
	MS	634346-21RE1	122.88	225.81	100.00	mg/kg		103		75 - 125	
	MSD	634346-21RE1	122.88	220.90	100.00	mg/kg	2.2	98.0	20	75 - 125	
Beryllium	DUP	634346-21RE1	ND	ND		mg/kg			20		
	MS	634346-21RE1	ND	9.6989	10.000	mg/kg		97.0		75 - 125	
	MSD	634346-21RE1	ND	9.4570	10.000	mg/kg	2.5	94.6	20	75 - 125	
Cadmium	DUP	**634346-21RE1**	**40.957**	**35.285**		**mg/kg**	**14.9**		**20**		
	MS	**634346-21RE1**	**40.957**	**49.748**	**10.000**	**mg/kg**		**87.9**		**75 - 125**	
	MSD	**634346-21RE1**	**40.957**	**46.104**	**10.000**	**mg/kg**	**7.6**	**51.5**	**20**	**75 - 125**	**Q03**
Chromium	DUP	634346-21RE1	14.683	14.250		mg/kg	3.0		20		
	MS	634346-21RE1	14.683	116.31	100.00	mg/kg		102		75 - 125	
	MSD	634346-21RE1	14.683	115.12	100.00	mg/kg	1.0	100	20	75 - 125	
Cobalt	DUP	634346-21RE1	10.453	12.637		mg/kg	18.9		20		J
	MS	634346-21RE1	10.453	109.47	100.00	mg/kg		99.0		75 - 125	
	MSD	634346-21RE1	10.453	108.14	100.00	mg/kg	1.2	97.7	20	75 - 125	
Copper	DUP	**634346-21RE1**	**831.54**	**784.72**		**mg/kg**	**5.8**		**20**		
	MS	**634346-21RE1**	**831.54**	**1077.5**	**100.00**	**mg/kg**		**246**		**75 - 125**	**Q03**
	MSD	**634346-21RE1**	**831.54**	**953.85**	**100.00**	**mg/kg**	**12.2**	**122**	**20**	**75 - 125**	
Lead	DUP	634346-21RE1	76.400	69.203		mg/kg	9.9		20		
	MS	634346-21RE1	76.400	173.75	100.00	mg/kg		97.4		75 - 125	
	MSD	634346-21RE1	76.400	172.62	100.00	mg/kg	0.7	96.2	20	75 - 125	
Molybdenum	DUP	**634346-21RE1**	**3.5183**	**4.4569**		**mg/kg**	**23.5**		**20**		**J,A02**
	MS	**634346-21RE1**	**3.5183**	**99.207**	**100.00**	**mg/kg**		**95.7**		**75 - 125**	
	MSD	**634346-21RE1**	**3.5183**	**99.129**	**100.00**	**mg/kg**	**0.1**	**95.6**	**20**	**75 - 125**	
Nickel	DUP	634346-21RE1	22.282	20.610		mg/kg	7.8		20		
	MS	634346-21RE1	22.282	133.02	100.00	mg/kg		111		75 - 125	
	MSD	634346-21RE1	22.282	129.80	100.00	mg/kg	2.5	108	20	75 - 125	

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Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[A1346	Used client sample: N										
Selenium	DUP	**1634346-21RE1**	**10.937**	**16.333**		**mg/kg**	**39.6**		**20**		**A02**
	MS	**1634346-21RE1**	**10.937**	**14.303**	**10.000**	**mg/kg**		**33.7**		**75 - 125**	**Q03**
	MSD	**1634346-21RE1**	**10.937**	**17.785**	**10.000**	**mg/kg**	**21.7**	**68.5**	**20**	**75 - 125**	**Q02,Q03**
Silver	DUP	634346-21RE1	4.4459	5.0240		mg/kg	12.2		20		
	MS	634346-21RE1	4.4459	13.680	10.000	mg/kg		92.3		75 - 125	
	MSD	634346-21RE1	4.4459	13.452	10.000	mg/kg	1.7	90.1	20	75 - 125	
Thallium	DUP	634346-21RE1	ND	ND		mg/kg			20		
	MS	634346-21RE1	ND	98.863	100.00	mg/kg		98.9		75 - 125	
	MSD	634346-21RE1	ND	100.71	100.00	mg/kg	1.9	101	20	75 - 125	
Vanadium	DUP	634346-21RE1	21.649	19.499		mg/kg	10.4		20		
	MS	634346-21RE1	21.649	123.95	100.00	mg/kg		102		75 - 125	
	MSD	634346-21RE1	21.649	120.49	100.00	mg/kg	2.8	98.8	20	75 - 125	
Zinc	DUP	**1634346-21RE1**	**6453.8**	**6292.5**		**mg/kg**	**2.5**		**20**		
	MS	**1634346-21RE1**	**6453.8**	**6916.3**	**100.00**	**mg/kg**		**463**		**75 - 125**	**A03**
	MSD	**1634346-21RE1**	**6453.8**	**6200.6**	**100.00**	**mg/kg**	**10.9**	**-253**	**20**	**75 - 125**	**A03**
QC Batch ID: B[A1392	Used client sample: N										
Antimony	DUP	1701444-01	ND	ND		mg/kg			20		
	MS	1701444-01	ND	103.77	100.00	mg/kg		104		16 - 119	
	MSD	1701444-01	ND	103.40	100.00	mg/kg	0.4	103	20	16 - 119	
Arsenic	DUP	1701444-01	ND	ND		mg/kg			20		
	MS	1701444-01	ND	9.8518	10.000	mg/kg		98.5		75 - 125	
	MSD	1701444-01	ND	10.300	10.000	mg/kg	4.4	103	20	75 - 125	
Barium	DUP	**1701444-01**	**0.20516**	**0.22366**		**mg/kg**	**8.6**		**20**		**J**
	MS	**1701444-01**	**0.20516**	**52.017**	**100.00**	**mg/kg**		**51.8**		**75 - 125**	**Q03**
	MSD	**1701444-01**	**0.20516**	**59.261**	**100.00**	**mg/kg**	**13.0**	**59.1**	**20**	**75 - 125**	**Q03**
Beryllium	DUP	1701444-01	ND	ND		mg/kg			20		
	MS	1701444-01	ND	10.190	10.000	mg/kg		102		75 - 125	
	MSD	1701444-01	ND	10.280	10.000	mg/kg	0.9	103	20	75 - 125	
Cadmium	DUP	1701444-01	ND	ND		mg/kg			20		
	MS	1701444-01	ND	10.439	10.000	mg/kg		104		75 - 125	
	MSD	1701444-01	ND	10.353	10.000	mg/kg	0.8	104	20	75 - 125	
Chromium	DUP	1701444-01	1.2126	1.1616		mg/kg	4.3		20		
	MS	1701444-01	1.2126	111.40	100.00	mg/kg		110		75 - 125	
	MSD	1701444-01	1.2126	110.81	100.00	mg/kg	0.5	110	20	75 - 125	
Cobalt	DUP	1701444-01	ND	ND		mg/kg			20		
	MS	1701444-01	ND	105.05	100.00	mg/kg		105		75 - 125	
	MSD	1701444-01	ND	104.63	100.00	mg/kg	0.4	105	20	75 - 125	

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Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B[A1392	Used client sample: N										
Copper	DUP	1701444-01	0.63136	0.65576		mg/kg	3.8		20		J
	MS	1701444-01	0.63136	101.84	100.00	mg/kg		101		75 - 125	
	MSD	1701444-01	0.63136	103.93	100.00	mg/kg	2.0	103	20	75 - 125	
Lead	DUP	1701444-01	ND	ND		mg/kg			20		
	MS	1701444-01	ND	99.365	100.00	mg/kg		99.4		75 - 125	
	MSD	1701444-01	ND	102.30	100.00	mg/kg	2.9	102	20	75 - 125	
Molybdenum	DUP	1701444-01	0.92995	0.83678		mg/kg	10.5		20		J
	MS	1701444-01	0.92995	104.03	100.00	mg/kg		103		75 - 125	
	MSD	1701444-01	0.92995	104.58	100.00	mg/kg	0.5	104	20	75 - 125	
Nickel	DUP	1701444-01	0.20917	0.20087		mg/kg	4.0		20		J
	MS	1701444-01	0.20917	112.60	100.00	mg/kg		112		75 - 125	
	MSD	1701444-01	0.20917	112.19	100.00	mg/kg	0.4	112	20	75 - 125	
Selenium	DUP	**1701444-01**	**ND**	**ND**		**mg/kg**			**20**		
	MS	**1701444-01**	**ND**	**12.397**	**10.000**	**mg/kg**		**124**		**75 - 125**	
	MSD	**1701444-01**	**ND**	**13.852**	**10.000**	**mg/kg**	**11.1**	**139**	**20**	**75 - 125**	**Q03**
Silver	DUP	1701444-01	ND	ND		mg/kg			20		
	MS	1701444-01	ND	9.8042	10.000	mg/kg		98.0		75 - 125	
	MSD	1701444-01	ND	9.8847	10.000	mg/kg	0.8	98.8	20	75 - 125	
Thallium	DUP	1701444-01	ND	ND		mg/kg			20		
	MS	1701444-01	ND	117.99	100.00	mg/kg		118		75 - 125	
	MSD	1701444-01	ND	118.19	100.00	mg/kg	0.2	118	20	75 - 125	
Vanadium	DUP	1701444-01	5.9890	7.0401		mg/kg	16.1		20		
	MS	1701444-01	5.9890	110.61	100.00	mg/kg		105		75 - 125	
	MSD	1701444-01	5.9890	111.26	100.00	mg/kg	0.6	105	20	75 - 125	
Zinc	DUP	1701444-01	7.5750	7.0503		mg/kg	7.2		20		
	MS	1701444-01	7.5750	116.86	100.00	mg/kg		109		75 - 125	
	MSD	1701444-01	7.5750	116.72	100.00	mg/kg	0.1	109	20	75 - 125	
QC Batch ID: B[A1491	Used client sample: N										
Lead	DUP	1701379-13	ND	ND		ug/sq. ft.			20		
	MS	1701379-13	ND	104	100	ug/sq. ft.		104		75 - 125	
	MSD	1701379-13	ND	105	100	ug/sq. ft.	1.0	105	20	75 - 125	

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Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A01	Detection and quantitation limits are raised due to sample dilution.
A02	The difference between duplicate readings is less than the quantitation limit.
A03	The sample concentration is more than 4 times the spike level.
A07	Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.
A10	Detection and quantitation limits were raised due to matrix interference.
A40	Initial calibration linearity criteria not met.
Q02	Matrix spike precision is not within the control limits.
Q03	Matrix spike recovery(s) is(are) not within the control limits.