

Attachment E

Soil Sampling and Analysis Report





Project No. W1182-06-01
July 7, 2020

Miramar Development, LP
c/o Jonathan Rose Companies
551 Fifth Avenue, 23rd Floor
New York, NY 10176

Subject: LIMITED SOIL SAMPLING AND ANALYSIS
PROPOSED MULTI-FAMILY RESIDENTIAL DEVELOPMENT
1917 - 2005 ½ WEST 3rd STREET
LOS ANGELES, CALIFORNIA
TRACT: EXTENSION OF THE NOB HILL TRACT
LOTS: 1-6; PARCELS: 2-5

Dear Ladies and Gentlemen:

In accordance with the scope of services outlined in our proposal dated May 1, 2020, we have prepared this letter to document the soil sample collection and analysis from four hand auger borings advanced at the property located at 1917 - 2005 ½ West 3rd Street (the Site) in Los Angeles, California. The location of the Site is depicted on Figure 1.

PURPOSE AND SCOPE OF SERVICES

It is our understanding that the proposed development will consist of a 7-story multi-family residential structure constructed at the existing elevation of West 3rd St. Due to the sloping nature of the site, the proposed structure will be partially tucked into the existing slope (up to 12 feet below existing grade).

Geocon was retained to perform a geotechnical evaluation for the proposed new structure. At the Client's request, select soil samples were collected from borings advanced during the geotechnical investigation and submitted for laboratory analysis to aid in developing a preliminary waste profile for export soil.

BACKGROUND

Regulatory criteria to classify a waste as "California hazardous" for handling and disposal purposes are contained in the California Code of Regulations (CCR), Title 22, Division 4.5, Chapter 11, Article 3, § 66261.24. Criteria to classify a waste as "Resource, Conservation, and Recovery Act (RCRA) hazardous" are contained in Chapter 40 of the Code of Federal Regulations (40 CFR), § 261.

For waste containing metals, the waste is classified as California hazardous when: 1) the representative total metal content equals or exceeds the respective Total Threshold Limit Concentration (TTLC); or 2) the representative soluble metal content equals or exceeds the respective Soluble Threshold Limit Concentration (STLC) based on the standard Waste Extraction Test (WET). A waste may have the potential of exceeding the STLC when the waste's total metal content is greater than or equal to ten times the respective STLC value, since the WET uses a 1:10 dilution ratio. Hence, when a total metal is detected at a concentration greater than or equal to ten times the respective STLC, and assuming that 100 percent of the total metals are soluble, soluble metal analysis by the WET is required.

A material is classified as RCRA hazardous, or Federal hazardous, when the representative soluble metal content equals or exceeds the Federal regulatory level based on the Toxicity Characteristic Leaching Procedure (TCLP). A waste may have the potential of exceeding the TCLP when the waste's total metal content is greater than or equal to twenty times the respective TCLP value, since the TCLP uses a 1:20 dilution ratio. Hence, when a total metal is detected at a concentration greater than or equal to twenty times the respective TCLP, and assuming that 100 percent of the total metals are soluble, soluble metal analysis by the TCLP is required.

The above regulatory criteria are based on chemical concentrations. Wastes may also be classified as hazardous based on other criteria such as ignitability and corrosivity; however, for the purposes of this investigation, toxicity (i.e., representative lead concentrations) is the primary factor considered for waste classification since waste generated during the construction activities would not likely warrant testing for ignitability or corrosivity. Waste that is classified as either California-hazardous or RCRA-hazardous requires management as a hazardous waste.

FIELD SAMPLING AND ANALYTICAL TESTING

On May 14 and May 15, 2020, Geocon's representative collected soil samples from four geotechnical borings (labeled B3, B4, B6, and B7) advanced using hand-auger methods at the Site. A total of eight soil samples were collected from the four boring locations. Samples were collected from depths of 2 and 10 feet within each boring. The approximate boring locations are shown on Figure 2.

The soil samples were labeled with a unique ID consisting of the boring location number followed by a dash and the depth (in feet) from which the sample was collected. For example, Sample ID B3-2.0 was collected from boring B3 at a depth of 2 feet.

Soil samples were collected with a stainless steel hand-auger. Soil was transferred directly from the hand-auger bucket into laboratory-provided 8-ounce glass containers. The containers were capped, labeled, and placed in a chilled cooler for transport to Advanced Technology Laboratories (ATL), a State certified laboratory located in Signal Hill, California, under chain-of-custody protocol. The sampling equipment was cleansed prior to each sampling effort by washing with an Alconox solution and double rinsing with distilled water.

The eight soil samples were submitted to ATL for analysis of Title 22 metals by Environmental Protection Agency (EPA) Method 6010B/7000, total petroleum hydrocarbons (TPH) (C6-C40) by modified EPA Method 8015B, and volatile organic compounds (VOCs) by EPA Method 8260B.

One soil sample (B6-2.0) exhibited a total lead concentration greater than ten times STLC for lead of 5.0 milligrams per liter (mg/l) and greater than twenty times the TCLP for lead of 5.0 mg/l and was further analyzed for the WET and TCLP soluble lead.

RESULTS

The analytical results are summarized below. Constituents of concern reported at concentrations above the laboratory detection limit are summarized on Table 1 for metals and on Table 2 for TPH and VOCs. Laboratory analytical reports and chain-of-custody documentation are attached.

Title 22 Metals

Analysis of soil samples for Title 22 metals did not indicate the presence of metals at or above their respective Total Threshold Limit Concentrations (TTLCs).

With the exception of the lead concentration of 250 milligrams per kilogram (mg/kg) reported for sample B6-2.0, concentrations of metals were lower than 10 times their respective Soluble Threshold Limit Concentrations (STLCs).

WET soluble lead was reported in the one sample analyzed (sample B6-2.0) at a concentration of 16 mg/l.

TCLP soluble lead was reported in the one sample analyzed (sample B6-2.0) at a concentration of 0.50 mg/l.

Total Petroleum Hydrocarbons

TPH was reported in four of the eight samples analyzed at total concentrations ranging from 45 mg/kg to 720 mg/kg. The reported concentrations of TPH fall predominately within the waste oil carbon chain range.

Volatile Organic Compounds

VOCs were not detected at concentrations equal to or greater than their respective laboratory detection limits.

CONCLUSIONS AND RECOMMENDATIONS

With the exception of lead in sample B6-2.0, none of the Title 22 metals reported for the soil samples collected from the hand-auger borings had concentrations exceeding the respective TTLC values or ten times the respective STLC values.

Wet soluble lead was reported in sample B6-2.0 at a concentration of 16 mg/l which is greater than the STLC for lead of 5.0 mg/l. Based on this analytical result, the soil in the vicinity of B6-2.0 would be characterized as a California Hazardous waste based on soluble lead content. The soil would not be characterized as a RCRA hazardous waste because the TCLP soluble lead content of 0.50 mg/l reported for the sample is less than the TCLP of 5.0 mg/l.

The extent of lead impacted soil in the vicinity of Boring B6 is undefined. We recommend that a Soil Management Plan (SMP) be prepared for the project prior to the start of grading. Soil management procedures shall be described so the hazardous soil can be separated from nonhazardous soil during excavation tasks. Soil management procedures outlined in the SMP should be followed during the project's excavation and development phases to properly manage the various classes of soil and to minimize risk to workers and the public during construction. .

TPH was reported in four of the eight samples analyzed at total concentrations ranging from 45 mg/kg to 720 mg/kg.

Currently, regulatory criteria for the classification of wastes based solely on the concentrations of TPH have not yet been promulgated. Disposal of petroleum hydrocarbon-impacted soil is generally regulated by disposal facility permit and acceptance criteria. Client is advised that municipal landfills in Los Angeles County have a zero tolerance for TPH in soil. However, private landfills, such as the Republic Chiquita Canyon facility in Castaic, California, will accept TPH containing soil. Soil excavated from the site should be stockpiled and characterized for TPH content, and acceptance from the intended receiving facility should be obtained prior to shipping the soil off site for disposal. For disposal purposes, and with the exception of the area in the vicinity of Boring B6, the soil would be classified as a non-hazardous waste based on TPH content.

REPORT LIMITATIONS

This report has been prepared exclusively for the Client. The information obtained is only relevant as of the date of the latest site visit and will require an update to reflect additional information obtained.

The results presented herein are based on a limited number of samples collected from widely spaced boring locations. The purpose of these sampling activities was to provide a preliminary evaluation of the potential presence of contaminants in the soil at the Site.

The Client should recognize that this report is not a comprehensive site characterization and should not be construed as such. Designated soil receiving facilities may require additional analytical results prior to accepting this soil, if applicable. The results as presented in this report are predicated on the limited soil sampling and laboratory analyses performed. In addition, the information obtained is not intended to address potential impacts related to sources other than those specified herein.

Therefore, the report should only be deemed conclusive with respect to the information obtained. No guarantee or warranty of the results of the report is implied within the intent of this report or any subsequent reports, correspondence, or consultation, either express or implied. Geocon strived to perform the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.

Please call if you have any questions or desire additional information.

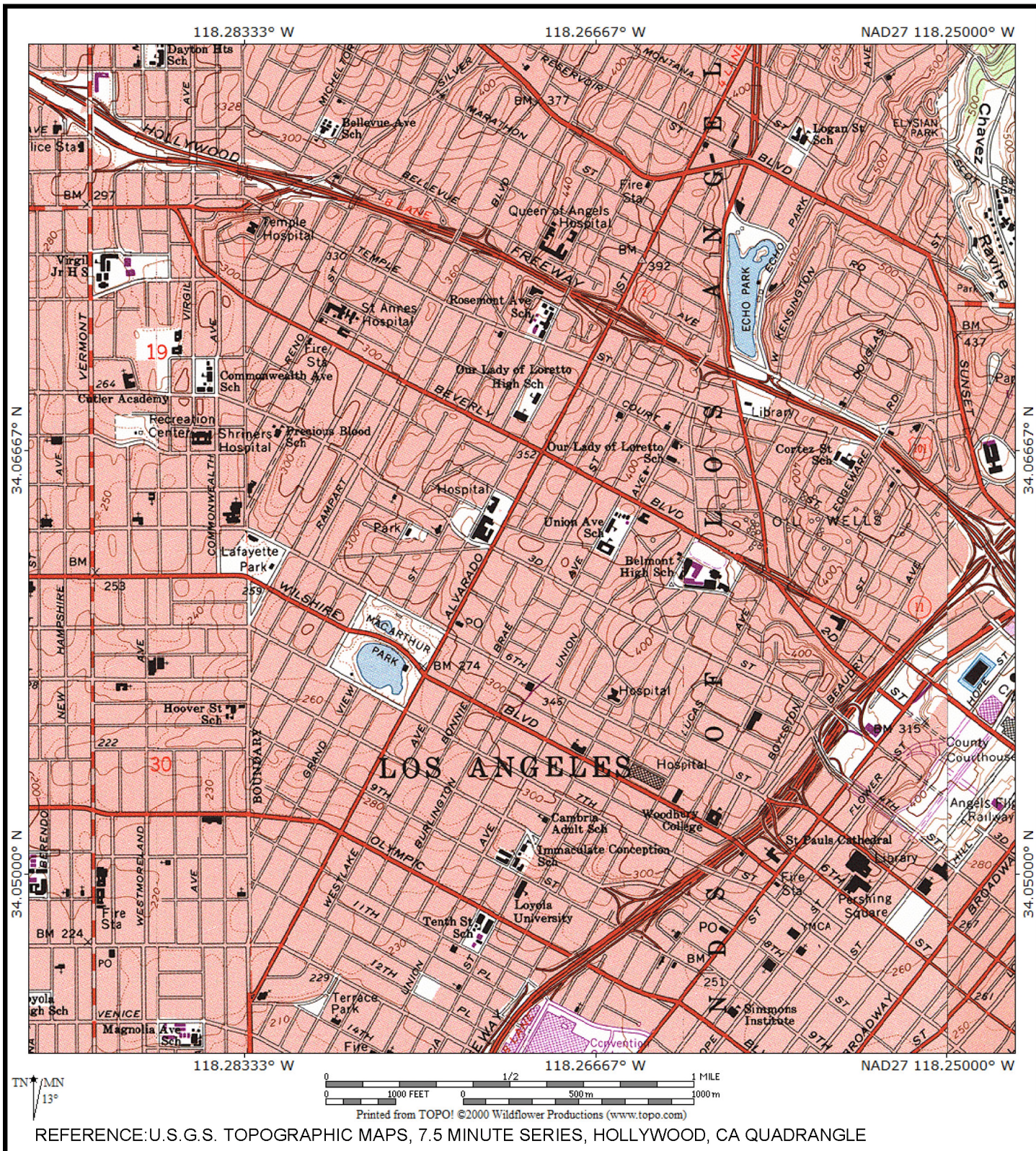
Very truly yours,

GEOCON WEST, INC.



Mike Conkle, PG
Senior Geologist

Attachments	Figure 1	Vicinity Map
	Figure 2	Site Plan
	Table 1	Summary of Soil Analytical Results – Metals
	Table 2	Summary of Soil Analytical Results – TPH and VOCs
		Laboratory Analytical Results & Chain-of-Custody Documentation



GEOCON
WEST, INC.



ENVIRONMENTAL GEOTECHNICAL MATERIALS
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PHONE (818) 841-8388 - FAX (818) 841-1704

DRAFTED BY: RA

CHECKED BY: SFK

VICINITY MAP

MIRAMAR DEVELOPMENT
1917-2005 1/2 WEST 3RD STREET
LOS ANGELES, CALIFORNIA

JULY 2020

PROJECT NO. W1182-06-01

FIG. 1

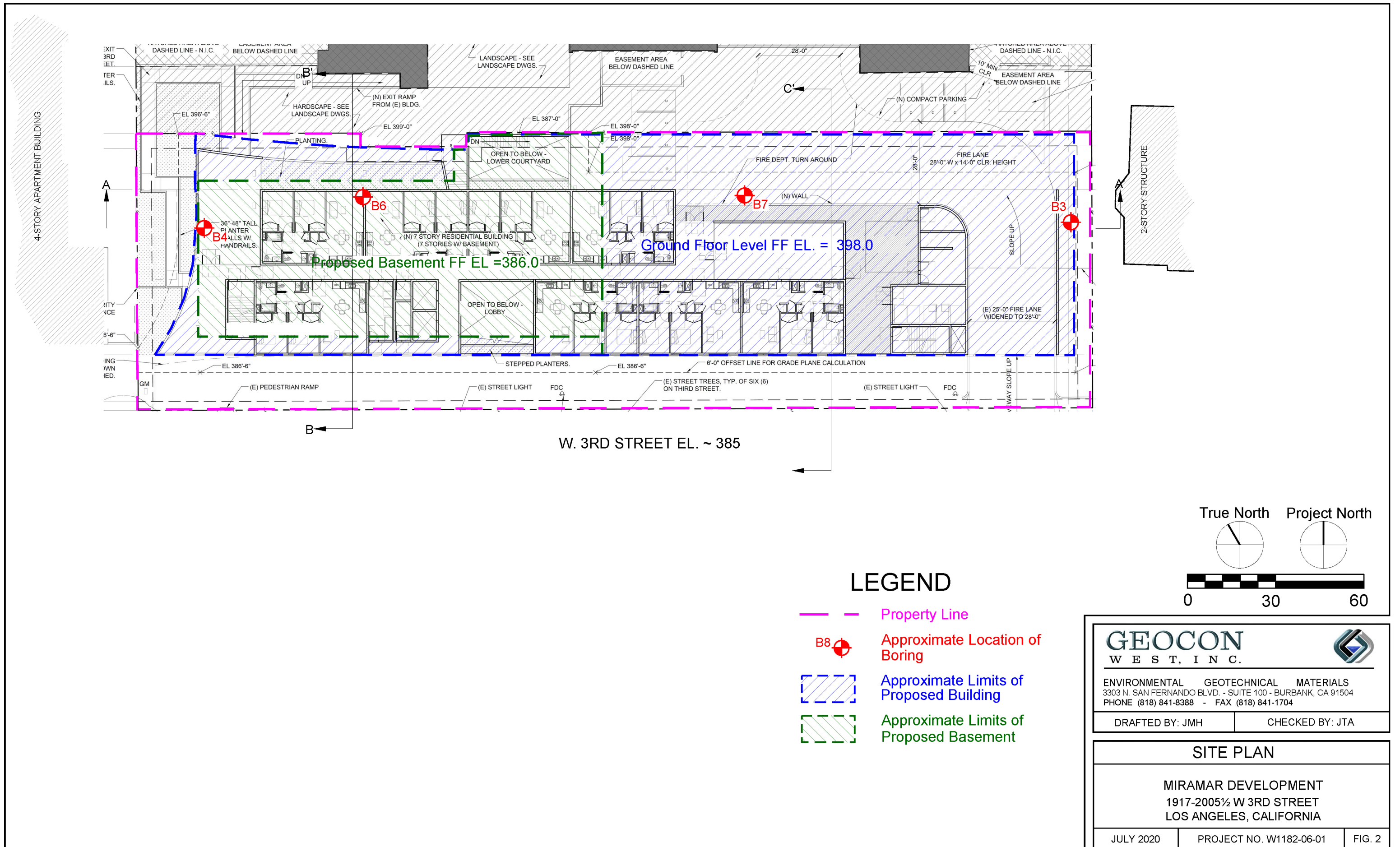


TABLE 1
 SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS - METALS
 1917 - 2005 1/2 WEST 3RD STREET
 LOS ANGELES, CALIFORNIA

Sample ID	Sample Date	Sample Depth (feet)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
B3-2.0	5/14/2020	2-2.5	<2.0	7.6	210	2.0	2.0	23	11	42	31	1.9	25	2.0	2.5	<1.0	44	88	<0.10
B3-10.0	5/14/2020	10-10.5	<2.0	7.5	150	2.3	3.9	26	31	48	9.1	2.0	83	<1.0	2.9	<1.0	44	130	0.10
B4-2.0	5/15/2020	2-2.5	<2.0	9.4	210	1.4	1.4	20	6.4	42	42	3.2	18	<1.0	1.2	<1.0	37	97	0.22
B4-10.0	5/15/2020	10-10.5	<2.0	1.1	100	1.4	<1.0	15	3.9	19	4.1	<1.0	9.6	<1.0	2.8	<1.0	28	43	0.11
B6-2.0	5/15/2020	2-2.5	<2.0	6.4	320	1.6	1.4	22	6.5	39	250	1.4	16	<1.0	2.3	<1.0	34	210	0.24
B6-10.0	5/15/2020	10-10.5	<2.0	5.1	120	3.3	1.3	25	9.7	47	6.8	1.2	22	<1.0	6.4	<1.0	41	68	0.10
B7-2.0	5/15/2020	2-2.5	<2.0	5.1	170	1.6	1.5	20	8.7	34	30	1.7	20	<1.0	1.7	<1.0	37	78	0.13
B7-10.0	5/15/2020	10-10.5	<2.0	6.0	150	2.1	1.3	23	11.0	42	6.9	2.4	24	<1.0	2.7	<1.0	43	75	0.12
TTLC			500	500	10,000	75	100	2,500	8,000	2,500	1,000	3,500	2,000	100	500	700	2,400	5,000	20
STLC			15	5.0	100	0.75	1.0	5.0	80	25	5.0	350	20	1.0	5.0	7.0	24	250	0.2
TCLP			NE	5.0	100	NE	1.0	5.0	NE	NE	5.0	NE	NE	1.0	5.0	NE	NE	NE	0.2

Notes:

Total metals results shown in milligrams per kilogram (mg/kg)

< = Not detected at a concentration equal to or greater than the laboratory reporting limit specified

TTLC = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

TCLP = Toxicity Characteristic Leaching Procedure

NE = Not Established.

TABLE 2
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS - TOTAL PETROLEUM HYDROCARBONS AND VOCs
1917 - 2005 1/2 WEST 3RD STREET
LOS ANGELES, CALIFORNIA

Sample ID	Date	Sample Depth (feet)	GRO (C6-C12)	TPH (C8-C10)	TPH (C10-C18)	TPH (C18-C28)	TPH (C28-C36)	TPH (C36-C40)	TPH (C8-C40)	VOCs
B3-2.0	5/14/2020	2-2.5	<1.0	<10	<10	<10	<10	<10	<10	ND
B3-10.0	5/14/2020	10-10.5	<1.0	<10	<10	<10	<10	<10	<10	ND
B4-2.0	5/15/2020	2-2.5	<1.0	<10	<10	13	20	12	45	ND
B4-10.0	5/15/2020	10-10.5	<1.0	<10	<10	<10	<10	<10	<10	ND
B6-2.0	5/15/2020	2-2.5	<1.0	<10	<10	34	52	<10	86	ND
B6-10.0	5/15/2020	10-10.5	<1.0	<10	54	290	230	150	720	ND
B7-2.0	5/15/2020	2-2.5	<1.0	<10	<10	23	56	57	140	ND
B7-10.0	5/15/2020	10-10.5	<1.0	<10	<10	<10	<10	<10	<10	ND

Notes:

<10 = Not detected at a concentration equal to or greater than the laboratory reporting limit specified

TPH = Total Petroleum Hydrocarbons by modified EPA Test Method 8015

TPH Results reported in milligrams per kilogram (mg/kg)

VOCs = Volatile Organic Compounds by EPA Test Method 8260B

ND = None Detected

June 02, 2020

Mike Conkle
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Burbank, CA 91504
Tel: (818) 841-8388
Fax: (818) 841-1704

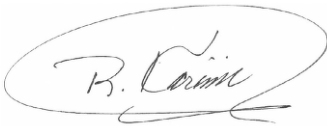
ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003

Re: ATL Work Order Number : 2001180
Client Reference : 2000 W. 3rd ST, W1182-06-01

Enclosed are the results for sample(s) received on May 15, 2020 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

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

Sincerely,



Dr. Reza Karimi
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank , CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B3-2.0	2001180-01	Soil	5/14/20 13:58	5/15/20 14:51
B3-10.0	2001180-02	Soil	5/14/20 15:10	5/15/20 14:51
B7-2.0	2001180-03	Soil	5/15/20 8:34	5/15/20 14:51
B7-10.0	2001180-04	Soil	5/15/20 8:42	5/15/20 14:51
B4-2.0	2001180-05	Soil	5/15/20 8:50	5/15/20 14:51
B4-10.0	2001180-06	Soil	5/15/20 10:09	5/15/20 14:51
B6-2.0	2001180-07	Soil	5/15/20 10:39	5/15/20 14:51
B6-10.0	2001180-08	Soil	5/15/20 11:44	5/15/20 14:51



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B3-2.0

Lab ID: 2001180-01

Title 22 Metals by ICP-AES EPA 6010B

Analyst: TA

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B0E0364	05/18/2020	05/19/20 14:26	
Arsenic	7.6	1.0	1	B0E0364	05/18/2020	05/19/20 14:26	
Barium	210	1.0	1	B0E0364	05/18/2020	05/19/20 14:26	
Beryllium	2.0	1.0	1	B0E0364	05/18/2020	05/19/20 14:26	
Cadmium	2.0	1.0	1	B0E0364	05/18/2020	05/19/20 14:26	
Chromium	23	1.0	1	B0E0364	05/18/2020	05/19/20 14:26	
Cobalt	11	1.0	1	B0E0364	05/18/2020	05/19/20 14:26	
Copper	42	2.0	1	B0E0364	05/18/2020	05/19/20 14:26	
Lead	31	1.0	1	B0E0364	05/18/2020	05/19/20 14:26	
Molybdenum	1.9	1.0	1	B0E0364	05/18/2020	05/19/20 14:26	
Nickel	25	1.0	1	B0E0364	05/18/2020	05/19/20 14:26	
Selenium	2.0	1.0	1	B0E0364	05/18/2020	05/19/20 14:26	
Silver	2.5	1.0	1	B0E0364	05/18/2020	05/19/20 14:26	
Thallium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:26	
Vanadium	44	1.0	1	B0E0364	05/18/2020	05/19/20 14:26	
Zinc	88	1.0	1	B0E0364	05/18/2020	05/19/20 14:26	

Mercury by AA (Cold Vapor) EPA 7471A

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B0E0390	05/19/2020	05/19/20 15:26	

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kur

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C6-C12	ND	1.0	1	B0E0382	05/19/2020	05/19/20 10:46	
Surrogate: 4-Bromofluorobenzene	77.1 %	45 - 149		B0E0382	05/19/2020	05/19/20 10:46	

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C8-C10	ND	10	1	B0E0460	05/21/2020	05/21/20 18:30	
C10-C18	ND	10	1	B0E0460	05/21/2020	05/21/20 18:30	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B3-2.0

Lab ID: 2001180-01

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C18-C28	ND	10	1	B0E0460	05/21/2020	05/21/20 18:30	
C28-C36	ND	10	1	B0E0460	05/21/2020	05/21/20 18:30	
C36-C40	ND	10	1	B0E0460	05/21/2020	05/21/20 18:30	
C8-C40 Total	ND	10	1	B0E0460	05/21/2020	05/21/20 18:30	
Surrogate: p-Terphenyl	93.8 %	58 - 172		B0E0460	05/21/2020	05/21/20 18:30	

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,1,1-Trichloroethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,1,2-Trichloroethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,1-Dichloroethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,1-Dichloroethene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,1-Dichloropropene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,2,3-Trichloropropane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,2,3-Trichlorobenzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,2,4-Trichlorobenzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,2,4-Trimethylbenzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,2-Dibromo-3-chloropropane	ND	10	1	B0E0385	05/19/2020	05/19/20 13:17	
1,2-Dibromoethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,2-Dichlorobenzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,2-Dichloroethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,2-Dichloropropane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,3,5-Trimethylbenzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,3-Dichlorobenzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,3-Dichloropropane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
1,4-Dichlorobenzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
2,2-Dichloropropane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
2-Chlorotoluene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
4-Chlorotoluene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
4-Isopropyltoluene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Benzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Bromobenzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Bromochloromethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B3-2.0

Lab ID: 2001180-01

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Bromodichloromethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Bromoform	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Bromomethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Carbon disulfide	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Carbon tetrachloride	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Chlorobenzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Chloroethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Chloroform	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Chloromethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
cis-1,2-Dichloroethene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
cis-1,3-Dichloropropene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Di-isopropyl ether	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Dibromochloromethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Dibromomethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Dichlorodifluoromethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Ethyl Acetate	ND	50	1	B0E0385	05/19/2020	05/19/20 13:17	
Ethyl Ether	ND	50	1	B0E0385	05/19/2020	05/19/20 13:17	
Ethyl tert-butyl ether	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Ethylbenzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Freon-113	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Hexachlorobutadiene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Isopropylbenzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
m,p-Xylene	ND	10	1	B0E0385	05/19/2020	05/19/20 13:17	
Methylene chloride	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
MTBE	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
n-Butylbenzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
n-Propylbenzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Naphthalene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
o-Xylene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
sec-Butylbenzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Styrene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
tert-Amyl methyl ether	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
tert-Butanol	ND	100	1	B0E0385	05/19/2020	05/19/20 13:17	
tert-Butylbenzene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Tetrachloroethene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Toluene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
trans-1,2-Dichloroethene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B3-2.0

Lab ID: 2001180-01

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,3-Dichloropropene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Trichloroethene	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Trichlorofluoromethane	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
Vinyl acetate	ND	50	1	B0E0385	05/19/2020	05/19/20 13:17	
Vinyl chloride	ND	5.0	1	B0E0385	05/19/2020	05/19/20 13:17	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>105 %</i>	<i>58 - 160</i>		B0E0385	05/19/2020	<i>05/19/20 13:17</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>105 %</i>	<i>72 - 121</i>		B0E0385	05/19/2020	<i>05/19/20 13:17</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>108 %</i>	<i>75 - 139</i>		B0E0385	05/19/2020	<i>05/19/20 13:17</i>	
<i>Surrogate: Toluene-d8</i>	<i>104 %</i>	<i>84 - 115</i>		B0E0385	05/19/2020	<i>05/19/20 13:17</i>	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B3-10.0

Lab ID: 2001180-02

Title 22 Metals by ICP-AES EPA 6010B

Analyst: TA

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B0E0364	05/18/2020	05/19/20 14:27	
Arsenic	7.5	1.0	1	B0E0364	05/18/2020	05/19/20 14:27	
Barium	150	1.0	1	B0E0364	05/18/2020	05/19/20 14:27	
Beryllium	2.3	1.0	1	B0E0364	05/18/2020	05/19/20 14:27	
Cadmium	3.9	1.0	1	B0E0364	05/18/2020	05/19/20 14:27	
Chromium	26	1.0	1	B0E0364	05/18/2020	05/19/20 14:27	
Cobalt	31	1.0	1	B0E0364	05/18/2020	05/19/20 14:27	
Copper	48	2.0	1	B0E0364	05/18/2020	05/19/20 14:27	
Lead	9.1	1.0	1	B0E0364	05/18/2020	05/19/20 14:27	
Molybdenum	2.0	1.0	1	B0E0364	05/18/2020	05/19/20 14:27	
Nickel	83	1.0	1	B0E0364	05/18/2020	05/19/20 14:27	
Selenium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:27	
Silver	2.9	1.0	1	B0E0364	05/18/2020	05/19/20 14:27	
Thallium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:27	
Vanadium	44	1.0	1	B0E0364	05/18/2020	05/19/20 14:27	
Zinc	130	1.0	1	B0E0364	05/18/2020	05/19/20 14:27	

Mercury by AA (Cold Vapor) EPA 7471A

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	0.10	0.10	1	B0E0390	05/19/2020	05/19/20 15:28	

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kur

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C6-C12	ND	1.0	1	B0E0382	05/19/2020	05/19/20 11:42	
Surrogate: 4-Bromofluorobenzene	73.3 %	45 - 149		B0E0382	05/19/2020	05/19/20 11:42	

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C8-C10	ND	10	1	B0E0460	05/21/2020	05/21/20 18:46	
C10-C18	ND	10	1	B0E0460	05/21/2020	05/21/20 18:46	
C18-C28	ND	10	1	B0E0460	05/21/2020	05/21/20 18:46	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B3-10.0

Lab ID: 2001180-02

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C28-C36	ND	10	1	B0E0460	05/21/2020	05/21/20 18:46	
C36-C40	ND	10	1	B0E0460	05/21/2020	05/21/20 18:46	
C8-C40 Total	ND	10	1	B0E0460	05/21/2020	05/21/20 18:46	
<i>Surrogate: p-Terphenyl</i>	<i>96.5 %</i>	<i>58 - 172</i>		B0E0460	05/21/2020	<i>05/21/20 18:46</i>	

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,1,1-Trichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,1,2-Trichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,1-Dichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,1-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,1-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,2,3-Trichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,2,3-Trichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,2,4-Trichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,2,4-Trimethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,2-Dibromo-3-chloropropane	ND	10	1	B0E0376	05/19/2020	05/19/20 02:25	
1,2-Dibromoethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,2-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,2-Dichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,2-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,3,5-Trimethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,3-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,3-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
1,4-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
2,2-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
2-Chlorotoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
4-Chlorotoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
4-Isopropyltoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Benzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Bromobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Bromochloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Bromodichloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B3-10.0

Lab ID: 2001180-02

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Bromoform	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Bromomethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Carbon disulfide	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Carbon tetrachloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Chlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Chloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Chloroform	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Chloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
cis-1,2-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
cis-1,3-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Di-isopropyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Dibromochloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Dibromomethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Dichlorodifluoromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Ethyl Acetate	ND	50	1	B0E0376	05/19/2020	05/19/20 02:25	
Ethyl Ether	ND	50	1	B0E0376	05/19/2020	05/19/20 02:25	
Ethyl tert-butyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Ethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Freon-113	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Hexachlorobutadiene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Isopropylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
m,p-Xylene	ND	10	1	B0E0376	05/19/2020	05/19/20 02:25	
Methylene chloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
MTBE	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
n-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
n-Propylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Naphthalene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
o-Xylene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
sec-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Styrene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
tert-Amyl methyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
tert-Butanol	ND	100	1	B0E0376	05/19/2020	05/19/20 02:25	
tert-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Tetrachloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Toluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
trans-1,2-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
trans-1,3-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B3-10.0

Lab ID: 2001180-02

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Trichlorofluoromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
Vinyl acetate	ND	50	1	B0E0376	05/19/2020	05/19/20 02:25	
Vinyl chloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>120 %</i>	<i>58 - 160</i>		B0E0376	05/19/2020	05/19/20 02:25	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>180 %</i>	<i>72 - 121</i>		B0E0376	05/19/2020	05/19/20 02:25	S1
<i>Surrogate: Dibromofluoromethane</i>	<i>128 %</i>	<i>75 - 139</i>		B0E0376	05/19/2020	05/19/20 02:25	
<i>Surrogate: Toluene-d8</i>	<i>110 %</i>	<i>84 - 115</i>		B0E0376	05/19/2020	05/19/20 02:25	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B7-2.0

Lab ID: 2001180-03

Title 22 Metals by ICP-AES EPA 6010B

Analyst: TA

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B0E0364	05/18/2020	05/19/20 14:29	
Arsenic	5.1	1.0	1	B0E0364	05/18/2020	05/19/20 14:29	
Barium	170	1.0	1	B0E0364	05/18/2020	05/19/20 14:29	
Beryllium	1.6	1.0	1	B0E0364	05/18/2020	05/19/20 14:29	
Cadmium	1.5	1.0	1	B0E0364	05/18/2020	05/19/20 14:29	
Chromium	20	1.0	1	B0E0364	05/18/2020	05/19/20 14:29	
Cobalt	8.7	1.0	1	B0E0364	05/18/2020	05/19/20 14:29	
Copper	34	2.0	1	B0E0364	05/18/2020	05/19/20 14:29	
Lead	30	1.0	1	B0E0364	05/18/2020	05/19/20 14:29	
Molybdenum	1.7	1.0	1	B0E0364	05/18/2020	05/19/20 14:29	
Nickel	20	1.0	1	B0E0364	05/18/2020	05/19/20 14:29	
Selenium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:29	
Silver	1.7	1.0	1	B0E0364	05/18/2020	05/19/20 14:29	
Thallium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:29	
Vanadium	37	1.0	1	B0E0364	05/18/2020	05/19/20 14:29	
Zinc	78	1.0	1	B0E0364	05/18/2020	05/19/20 14:29	

Mercury by AA (Cold Vapor) EPA 7471A

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	0.13	0.10	1	B0E0390	05/19/2020	05/19/20 15:31	

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kur

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C6-C12	ND	1.0	1	B0E0382	05/19/2020	05/19/20 12:05	
Surrogate: 4-Bromofluorobenzene	74.4 %	45 - 149		B0E0382	05/19/2020	05/19/20 12:05	

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C8-C10	ND	10	1	B0E0460	05/21/2020	05/21/20 20:07	
C10-C18	ND	10	1	B0E0460	05/21/2020	05/21/20 20:07	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B7-2.0

Lab ID: 2001180-03

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C18-C28	23	10	1	B0E0460	05/21/2020	05/21/20 20:07	
C28-C36	56	10	1	B0E0460	05/21/2020	05/21/20 20:07	
C36-C40	57	10	1	B0E0460	05/21/2020	05/21/20 20:07	
C8-C40 Total	140	10	1	B0E0460	05/21/2020	05/21/20 20:07	
Surrogate: p-Terphenyl	91.7 %	58 - 172		B0E0460	05/21/2020	05/21/20 20:07	

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,1,1-Trichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,1,2-Trichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,1-Dichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,1-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,1-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,2,3-Trichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,2,3-Trichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,2,4-Trichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,2,4-Trimethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,2-Dibromo-3-chloropropane	ND	10	1	B0E0376	05/19/2020	05/19/20 02:49	
1,2-Dibromoethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,2-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,2-Dichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,2-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,3,5-Trimethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,3-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,3-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
1,4-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
2,2-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
2-Chlorotoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
4-Chlorotoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
4-Isopropyltoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Benzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Bromobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Bromochloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank , CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B7-2.0

Lab ID: 2001180-03

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Bromodichloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Bromoform	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Bromomethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Carbon disulfide	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Carbon tetrachloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Chlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Chloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Chloroform	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Chloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
cis-1,2-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
cis-1,3-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Di-isopropyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Dibromochloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Dibromomethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Dichlorodifluoromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Ethyl Acetate	ND	50	1	B0E0376	05/19/2020	05/19/20 02:49	
Ethyl Ether	ND	50	1	B0E0376	05/19/2020	05/19/20 02:49	
Ethyl tert-butyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Ethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Freon-113	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Hexachlorobutadiene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Isopropylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
m,p-Xylene	ND	10	1	B0E0376	05/19/2020	05/19/20 02:49	
Methylene chloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
MTBE	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
n-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
n-Propylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Naphthalene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
o-Xylene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
sec-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Styrene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
tert-Amyl methyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
tert-Butanol	ND	100	1	B0E0376	05/19/2020	05/19/20 02:49	
tert-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Tetrachloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Toluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
trans-1,2-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B7-2.0

Lab ID: 2001180-03

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,3-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Trichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Trichlorofluoromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
Vinyl acetate	ND	50	1	B0E0376	05/19/2020	05/19/20 02:49	
Vinyl chloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 02:49	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>122 %</i>	<i>58 - 160</i>		B0E0376	05/19/2020	<i>05/19/20 02:49</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>105 %</i>	<i>72 - 121</i>		B0E0376	05/19/2020	<i>05/19/20 02:49</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>130 %</i>	<i>75 - 139</i>		B0E0376	05/19/2020	<i>05/19/20 02:49</i>	
<i>Surrogate: Toluene-d8</i>	<i>110 %</i>	<i>84 - 115</i>		B0E0376	05/19/2020	<i>05/19/20 02:49</i>	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B7-10.0

Lab ID: 2001180-04

Title 22 Metals by ICP-AES EPA 6010B

Analyst: TA

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B0E0364	05/18/2020	05/19/20 14:31	
Arsenic	6.0	1.0	1	B0E0364	05/18/2020	05/19/20 14:31	
Barium	150	1.0	1	B0E0364	05/18/2020	05/19/20 14:31	
Beryllium	2.1	1.0	1	B0E0364	05/18/2020	05/19/20 14:31	
Cadmium	1.3	1.0	1	B0E0364	05/18/2020	05/19/20 14:31	
Chromium	23	1.0	1	B0E0364	05/18/2020	05/19/20 14:31	
Cobalt	11	1.0	1	B0E0364	05/18/2020	05/19/20 14:31	
Copper	42	2.0	1	B0E0364	05/18/2020	05/19/20 14:31	
Lead	6.9	1.0	1	B0E0364	05/18/2020	05/19/20 14:31	
Molybdenum	2.4	1.0	1	B0E0364	05/18/2020	05/19/20 14:31	
Nickel	24	1.0	1	B0E0364	05/18/2020	05/19/20 14:31	
Selenium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:31	
Silver	2.7	1.0	1	B0E0364	05/18/2020	05/19/20 14:31	
Thallium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:31	
Vanadium	43	1.0	1	B0E0364	05/18/2020	05/19/20 14:31	
Zinc	75	1.0	1	B0E0364	05/18/2020	05/19/20 14:31	

Mercury by AA (Cold Vapor) EPA 7471A

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	0.12	0.10	1	B0E0390	05/19/2020	05/19/20 15:58	

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kur

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C6-C12	ND	1.0	1	B0E0382	05/19/2020	05/19/20 12:28	
Surrogate: 4-Bromofluorobenzene	76.8 %	45 - 149		B0E0382	05/19/2020	05/19/20 12:28	

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C8-C10	ND	10	1	B0E0460	05/21/2020	05/21/20 17:41	
C10-C18	ND	10	1	B0E0460	05/21/2020	05/21/20 17:41	
C18-C28	ND	10	1	B0E0460	05/21/2020	05/21/20 17:41	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B7-10.0

Lab ID: 2001180-04

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C28-C36	ND	10	1	B0E0460	05/21/2020	05/21/20 17:41	
C36-C40	ND	10	1	B0E0460	05/21/2020	05/21/20 17:41	
C8-C40 Total	ND	10	1	B0E0460	05/21/2020	05/21/20 17:41	
<i>Surrogate: p-Terphenyl</i>	<i>100 %</i>	<i>58 - 172</i>		B0E0460	05/21/2020	05/21/20 17:41	

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,1,1-Trichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,1,2-Trichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,1-Dichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,1-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,1-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,2,3-Trichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,2,3-Trichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,2,4-Trichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,2,4-Trimethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,2-Dibromo-3-chloropropane	ND	10	1	B0E0376	05/19/2020	05/19/20 03:14	
1,2-Dibromoethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,2-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,2-Dichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,2-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,3,5-Trimethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,3-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,3-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
1,4-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
2,2-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
2-Chlorotoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
4-Chlorotoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
4-Isopropyltoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Benzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Bromobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Bromochloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Bromodichloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B7-10.0

Lab ID: 2001180-04

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Bromoform	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Bromomethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Carbon disulfide	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Carbon tetrachloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Chlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Chloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Chloroform	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Chloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
cis-1,2-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
cis-1,3-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Di-isopropyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Dibromochloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Dibromomethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Dichlorodifluoromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Ethyl Acetate	ND	50	1	B0E0376	05/19/2020	05/19/20 03:14	
Ethyl Ether	ND	50	1	B0E0376	05/19/2020	05/19/20 03:14	
Ethyl tert-butyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Ethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Freon-113	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Hexachlorobutadiene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Isopropylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
m,p-Xylene	ND	10	1	B0E0376	05/19/2020	05/19/20 03:14	
Methylene chloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
MTBE	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
n-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
n-Propylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Naphthalene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
o-Xylene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
sec-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Styrene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
tert-Amyl methyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
tert-Butanol	ND	100	1	B0E0376	05/19/2020	05/19/20 03:14	
tert-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Tetrachloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Toluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
trans-1,2-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
trans-1,3-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B7-10.0

Lab ID: 2001180-04

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Trichlorofluoromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
Vinyl acetate	ND	50	1	B0E0376	05/19/2020	05/19/20 03:14	
Vinyl chloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:14	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>123 %</i>	<i>58 - 160</i>		B0E0376	05/19/2020	<i>05/19/20 03:14</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>105 %</i>	<i>72 - 121</i>		B0E0376	05/19/2020	<i>05/19/20 03:14</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>126 %</i>	<i>75 - 139</i>		B0E0376	05/19/2020	<i>05/19/20 03:14</i>	
<i>Surrogate: Toluene-d8</i>	<i>108 %</i>	<i>84 - 115</i>		B0E0376	05/19/2020	<i>05/19/20 03:14</i>	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B4-2.0

Lab ID: 2001180-05

Title 22 Metals by ICP-AES EPA 6010B

Analyst: TA

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B0E0364	05/18/2020	05/19/20 14:49	
Arsenic	9.4	1.0	1	B0E0364	05/18/2020	05/19/20 14:49	
Barium	210	1.0	1	B0E0364	05/18/2020	05/19/20 14:49	
Beryllium	1.4	1.0	1	B0E0364	05/18/2020	05/19/20 14:49	
Cadmium	1.4	1.0	1	B0E0364	05/18/2020	05/19/20 14:49	
Chromium	20	1.0	1	B0E0364	05/18/2020	05/19/20 14:49	
Cobalt	6.4	1.0	1	B0E0364	05/18/2020	05/19/20 14:49	
Copper	42	2.0	1	B0E0364	05/18/2020	05/19/20 14:49	
Lead	42	1.0	1	B0E0364	05/18/2020	05/19/20 14:49	
Molybdenum	3.2	1.0	1	B0E0364	05/18/2020	05/19/20 14:49	
Nickel	18	1.0	1	B0E0364	05/18/2020	05/19/20 14:49	
Selenium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:49	
Silver	1.2	1.0	1	B0E0364	05/18/2020	05/19/20 14:49	
Thallium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:49	
Vanadium	37	1.0	1	B0E0364	05/18/2020	05/19/20 14:49	
Zinc	97	1.0	1	B0E0364	05/18/2020	05/19/20 14:49	

Mercury by AA (Cold Vapor) EPA 7471A

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	0.22	0.10	1	B0E0390	05/19/2020	05/19/20 15:35	

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kur

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C6-C12	ND	1.0	1	B0E0382	05/19/2020	05/19/20 12:51	
Surrogate: 4-Bromofluorobenzene	75.9 %	45 - 149		B0E0382	05/19/2020	05/19/20 12:51	

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C8-C10	ND	10	1	B0E0460	05/21/2020	05/21/20 19:18	
C10-C18	ND	10	1	B0E0460	05/21/2020	05/21/20 19:18	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B4-2.0

Lab ID: 2001180-05

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C18-C28	13	10	1	B0E0460	05/21/2020	05/21/20 19:18	
C28-C36	20	10	1	B0E0460	05/21/2020	05/21/20 19:18	
C36-C40	12	10	1	B0E0460	05/21/2020	05/21/20 19:18	
C8-C40 Total	45	10	1	B0E0460	05/21/2020	05/21/20 19:18	
<i>Surrogate: p-Terphenyl</i>	<i>85.9 %</i>	<i>58 - 172</i>		B0E0460	05/21/2020	05/21/20 19:18	

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,1,1-Trichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,1,2-Trichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,1-Dichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,1-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,1-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,2,3-Trichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,2,3-Trichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,2,4-Trichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,2,4-Trimethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,2-Dibromo-3-chloropropane	ND	10	1	B0E0376	05/19/2020	05/19/20 03:38	
1,2-Dibromoethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,2-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,2-Dichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,2-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,3,5-Trimethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,3-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,3-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
1,4-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
2,2-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
2-Chlorotoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
4-Chlorotoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
4-Isopropyltoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Benzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Bromobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Bromochloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B4-2.0

Lab ID: 2001180-05

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Bromodichloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Bromoform	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Bromomethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Carbon disulfide	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Carbon tetrachloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Chlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Chloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Chloroform	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Chloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
cis-1,2-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
cis-1,3-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Di-isopropyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Dibromochloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Dibromomethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Dichlorodifluoromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Ethyl Acetate	ND	50	1	B0E0376	05/19/2020	05/19/20 03:38	
Ethyl Ether	ND	50	1	B0E0376	05/19/2020	05/19/20 03:38	
Ethyl tert-butyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Ethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Freon-113	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Hexachlorobutadiene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Isopropylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
m,p-Xylene	ND	10	1	B0E0376	05/19/2020	05/19/20 03:38	
Methylene chloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
MTBE	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
n-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
n-Propylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Naphthalene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
o-Xylene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
sec-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Styrene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
tert-Amyl methyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
tert-Butanol	ND	100	1	B0E0376	05/19/2020	05/19/20 03:38	
tert-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Tetrachloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Toluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
trans-1,2-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B4-2.0

Lab ID: 2001180-05

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,3-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Trichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Trichlorofluoromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
Vinyl acetate	ND	50	1	B0E0376	05/19/2020	05/19/20 03:38	
Vinyl chloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 03:38	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>123 %</i>	<i>58 - 160</i>		B0E0376	05/19/2020	<i>05/19/20 03:38</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>105 %</i>	<i>72 - 121</i>		B0E0376	05/19/2020	<i>05/19/20 03:38</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>128 %</i>	<i>75 - 139</i>		B0E0376	05/19/2020	<i>05/19/20 03:38</i>	
<i>Surrogate: Toluene-d8</i>	<i>108 %</i>	<i>84 - 115</i>		B0E0376	05/19/2020	<i>05/19/20 03:38</i>	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B4-10.0

Lab ID: 2001180-06

Title 22 Metals by ICP-AES EPA 6010B

Analyst: TA

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B0E0364	05/18/2020	05/19/20 14:51	
Arsenic	1.1	1.0	1	B0E0364	05/18/2020	05/19/20 14:51	
Barium	100	1.0	1	B0E0364	05/18/2020	05/19/20 14:51	
Beryllium	1.4	1.0	1	B0E0364	05/18/2020	05/19/20 14:51	
Cadmium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:51	
Chromium	15	1.0	1	B0E0364	05/18/2020	05/19/20 14:51	
Cobalt	3.9	1.0	1	B0E0364	05/18/2020	05/19/20 14:51	
Copper	19	2.0	1	B0E0364	05/18/2020	05/19/20 14:51	
Lead	4.1	1.0	1	B0E0364	05/18/2020	05/19/20 14:51	
Molybdenum	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:51	
Nickel	9.6	1.0	1	B0E0364	05/18/2020	05/19/20 14:51	
Selenium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:51	
Silver	2.8	1.0	1	B0E0364	05/18/2020	05/19/20 14:51	
Thallium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:51	
Vanadium	28	1.0	1	B0E0364	05/18/2020	05/19/20 14:51	
Zinc	43	1.0	1	B0E0364	05/18/2020	05/19/20 14:51	

Mercury by AA (Cold Vapor) EPA 7471A

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	0.11	0.10	1	B0E0390	05/19/2020	05/19/20 15:37	

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kur

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C6-C12	ND	1.0	1	B0E0382	05/19/2020	05/19/20 13:15	
Surrogate: 4-Bromofluorobenzene	75.5 %	45 - 149		B0E0382	05/19/2020	05/19/20 13:15	

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C8-C10	ND	10	1	B0E0460	05/21/2020	05/21/20 16:02	
C10-C18	ND	10	1	B0E0460	05/21/2020	05/21/20 16:02	
C18-C28	ND	10	1	B0E0460	05/21/2020	05/21/20 16:02	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B4-10.0

Lab ID: 2001180-06

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C28-C36	ND	10	1	B0E0460	05/21/2020	05/21/20 16:02	
C36-C40	ND	10	1	B0E0460	05/21/2020	05/21/20 16:02	
C8-C40 Total	ND	10	1	B0E0460	05/21/2020	05/21/20 16:02	
Surrogate: p-Terphenyl	88.3 %	58 - 172		B0E0460	05/21/2020	05/21/20 16:02	

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,1,1-Trichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,1,2-Trichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,1-Dichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,1-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,1-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,2,3-Trichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,2,3-Trichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,2,4-Trichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,2,4-Trimethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,2-Dibromo-3-chloropropane	ND	10	1	B0E0376	05/19/2020	05/19/20 04:03	
1,2-Dibromoethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,2-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,2-Dichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,2-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,3,5-Trimethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,3-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,3-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
1,4-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
2,2-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
2-Chlorotoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
4-Chlorotoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
4-Isopropyltoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Benzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Bromobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Bromochloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Bromodichloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B4-10.0

Lab ID: 2001180-06

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Bromoform	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Bromomethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Carbon disulfide	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Carbon tetrachloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Chlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Chloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Chloroform	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Chloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
cis-1,2-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
cis-1,3-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Di-isopropyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Dibromochloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Dibromomethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Dichlorodifluoromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Ethyl Acetate	ND	50	1	B0E0376	05/19/2020	05/19/20 04:03	
Ethyl Ether	ND	50	1	B0E0376	05/19/2020	05/19/20 04:03	
Ethyl tert-butyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Ethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Freon-113	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Hexachlorobutadiene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Isopropylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
m,p-Xylene	ND	10	1	B0E0376	05/19/2020	05/19/20 04:03	
Methylene chloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
MTBE	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
n-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
n-Propylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Naphthalene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
o-Xylene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
sec-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Styrene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
tert-Amyl methyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
tert-Butanol	ND	100	1	B0E0376	05/19/2020	05/19/20 04:03	
tert-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Tetrachloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Toluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
trans-1,2-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
trans-1,3-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B4-10.0

Lab ID: 2001180-06

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Trichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Trichlorofluoromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
Vinyl acetate	ND	50	1	B0E0376	05/19/2020	05/19/20 04:03	
Vinyl chloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:03	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>124 %</i>	<i>58 - 160</i>		B0E0376	05/19/2020	<i>05/19/20 04:03</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>104 %</i>	<i>72 - 121</i>		B0E0376	05/19/2020	<i>05/19/20 04:03</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>125 %</i>	<i>75 - 139</i>		B0E0376	05/19/2020	<i>05/19/20 04:03</i>	
<i>Surrogate: Toluene-d8</i>	<i>108 %</i>	<i>84 - 115</i>		B0E0376	05/19/2020	<i>05/19/20 04:03</i>	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B6-2.0

Lab ID: 2001180-07

Title 22 Metals by ICP-AES EPA 6010B

Analyst: TA

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B0E0364	05/18/2020	05/19/20 14:53	
Arsenic	6.4	1.0	1	B0E0364	05/18/2020	05/19/20 14:53	
Barium	320	1.0	1	B0E0364	05/18/2020	05/19/20 14:53	
Beryllium	1.6	1.0	1	B0E0364	05/18/2020	05/19/20 14:53	
Cadmium	1.4	1.0	1	B0E0364	05/18/2020	05/19/20 14:53	
Chromium	22	1.0	1	B0E0364	05/18/2020	05/19/20 14:53	
Cobalt	6.5	1.0	1	B0E0364	05/18/2020	05/19/20 14:53	
Copper	39	2.0	1	B0E0364	05/18/2020	05/19/20 14:53	
Lead	250	1.0	1	B0E0364	05/18/2020	05/19/20 14:53	
Molybdenum	1.4	1.0	1	B0E0364	05/18/2020	05/19/20 14:53	
Nickel	16	1.0	1	B0E0364	05/18/2020	05/19/20 14:53	
Selenium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:53	
Silver	2.3	1.0	1	B0E0364	05/18/2020	05/19/20 14:53	
Thallium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:53	
Vanadium	34	1.0	1	B0E0364	05/18/2020	05/19/20 14:53	
Zinc	210	1.0	1	B0E0364	05/18/2020	05/19/20 14:53	

Mercury by AA (Cold Vapor) EPA 7471A

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	0.24	0.10	1	B0E0390	05/19/2020	05/19/20 15:40	

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kur

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C6-C12	ND	1.0	1	B0E0382	05/19/2020	05/19/20 13:42	
Surrogate: 4-Bromofluorobenzene	73.8 %	45 - 149		B0E0382	05/19/2020	05/19/20 13:42	

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C8-C10	ND	10	1	B0E0460	05/21/2020	05/21/20 20:24	
C10-C18	ND	10	1	B0E0460	05/21/2020	05/21/20 20:24	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B6-2.0

Lab ID: 2001180-07

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C18-C28	34	10	1	B0E0460	05/21/2020	05/21/20 20:24	
C28-C36	52	10	1	B0E0460	05/21/2020	05/21/20 20:24	
C36-C40	ND	10	1	B0E0460	05/21/2020	05/21/20 20:24	
C8-C40 Total	86	10	1	B0E0460	05/21/2020	05/21/20 20:24	
<i>Surrogate: p-Terphenyl</i>	<i>85.6 %</i>	<i>58 - 172</i>		B0E0460	05/21/2020	05/21/20 20:24	

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,1,1-Trichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,1,2-Trichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,1-Dichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,1-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,1-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,2,3-Trichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,2,3-Trichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,2,4-Trichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,2,4-Trimethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,2-Dibromo-3-chloropropane	ND	10	1	B0E0376	05/19/2020	05/19/20 04:28	
1,2-Dibromoethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,2-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,2-Dichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,2-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,3,5-Trimethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,3-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,3-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
1,4-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
2,2-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
2-Chlorotoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
4-Chlorotoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
4-Isopropyltoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Benzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Bromobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Bromochloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B6-2.0

Lab ID: 2001180-07

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Bromodichloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Bromoform	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Bromomethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Carbon disulfide	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Carbon tetrachloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Chlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Chloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Chloroform	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Chloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
cis-1,2-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
cis-1,3-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Di-isopropyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Dibromochloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Dibromomethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Dichlorodifluoromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Ethyl Acetate	ND	50	1	B0E0376	05/19/2020	05/19/20 04:28	
Ethyl Ether	ND	50	1	B0E0376	05/19/2020	05/19/20 04:28	
Ethyl tert-butyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Ethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Freon-113	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Hexachlorobutadiene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Isopropylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
m,p-Xylene	ND	10	1	B0E0376	05/19/2020	05/19/20 04:28	
Methylene chloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
MTBE	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
n-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
n-Propylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Naphthalene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
o-Xylene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
sec-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Styrene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
tert-Amyl methyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
tert-Butanol	ND	100	1	B0E0376	05/19/2020	05/19/20 04:28	
tert-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Tetrachloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Toluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
trans-1,2-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B6-2.0

Lab ID: 2001180-07

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,3-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Trichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Trichlorofluoromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
Vinyl acetate	ND	50	1	B0E0376	05/19/2020	05/19/20 04:28	
Vinyl chloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:28	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>127 %</i>	<i>58 - 160</i>		B0E0376	05/19/2020	<i>05/19/20 04:28</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>104 %</i>	<i>72 - 121</i>		B0E0376	05/19/2020	<i>05/19/20 04:28</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>132 %</i>	<i>75 - 139</i>		B0E0376	05/19/2020	<i>05/19/20 04:28</i>	
<i>Surrogate: Toluene-d8</i>	<i>112 %</i>	<i>84 - 115</i>		B0E0376	05/19/2020	<i>05/19/20 04:28</i>	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B6-10.0

Lab ID: 2001180-08

Title 22 Metals by ICP-AES EPA 6010B

Analyst: TA

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B0E0364	05/18/2020	05/19/20 14:55	
Arsenic	5.1	1.0	1	B0E0364	05/18/2020	05/19/20 14:55	
Barium	120	1.0	1	B0E0364	05/18/2020	05/19/20 14:55	
Beryllium	3.3	1.0	1	B0E0364	05/18/2020	05/19/20 14:55	
Cadmium	1.3	1.0	1	B0E0364	05/18/2020	05/19/20 14:55	
Chromium	25	1.0	1	B0E0364	05/18/2020	05/19/20 14:55	
Cobalt	9.7	1.0	1	B0E0364	05/18/2020	05/19/20 14:55	
Copper	47	2.0	1	B0E0364	05/18/2020	05/19/20 14:55	
Lead	6.8	1.0	1	B0E0364	05/18/2020	05/19/20 14:55	
Molybdenum	1.2	1.0	1	B0E0364	05/18/2020	05/19/20 14:55	
Nickel	22	1.0	1	B0E0364	05/18/2020	05/19/20 14:55	
Selenium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:55	
Silver	6.4	1.0	1	B0E0364	05/18/2020	05/19/20 14:55	
Thallium	ND	1.0	1	B0E0364	05/18/2020	05/19/20 14:55	
Vanadium	41	1.0	1	B0E0364	05/18/2020	05/19/20 14:55	
Zinc	68	1.0	1	B0E0364	05/18/2020	05/19/20 14:55	

Mercury by AA (Cold Vapor) EPA 7471A

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	0.10	0.10	1	B0E0390	05/19/2020	05/19/20 14:49	

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: Kur

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C6-C12	ND	1.0	1	B0E0382	05/19/2020	05/19/20 14:05	
Surrogate: 4-Bromofluorobenzene	79.3 %	45 - 149		B0E0382	05/19/2020	05/19/20 14:05	

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C8-C10	ND	10	1	B0E0460	05/21/2020	05/21/20 20:57	
C10-C18	54	10	1	B0E0460	05/21/2020	05/21/20 20:57	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B6-10.0

Lab ID: 2001180-08

Hydrocarbon Chain Distribution by EPA 8015B (Modified)

Analyst: VL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
C18-C28	290	10	1	B0E0460	05/21/2020	05/21/20 20:57	
C28-C36	230	10	1	B0E0460	05/21/2020	05/21/20 20:57	
C36-C40	150	10	1	B0E0460	05/21/2020	05/21/20 20:57	
C8-C40 Total	720	10	1	B0E0460	05/21/2020	05/21/20 20:57	
<i>Surrogate: p-Terphenyl</i>	<i>94.9 %</i>	<i>58 - 172</i>		B0E0460	05/21/2020	05/21/20 20:57	

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,1,1-Trichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,1,2-Trichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,1-Dichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,1-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,1-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,2,3-Trichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,2,3-Trichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,2,4-Trichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,2,4-Trimethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,2-Dibromo-3-chloropropane	ND	10	1	B0E0376	05/19/2020	05/19/20 04:52	
1,2-Dibromoethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,2-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,2-Dichloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,2-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,3,5-Trimethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,3-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,3-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
1,4-Dichlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
2,2-Dichloropropane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
2-Chlorotoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
4-Chlorotoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
4-Isopropyltoluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Benzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Bromobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Bromochloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B6-10.0

Lab ID: 2001180-08

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Bromodichloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Bromoform	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Bromomethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Carbon disulfide	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Carbon tetrachloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Chlorobenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Chloroethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Chloroform	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Chloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
cis-1,2-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
cis-1,3-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Di-isopropyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Dibromochloromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Dibromomethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Dichlorodifluoromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Ethyl Acetate	ND	50	1	B0E0376	05/19/2020	05/19/20 04:52	
Ethyl Ether	ND	50	1	B0E0376	05/19/2020	05/19/20 04:52	
Ethyl tert-butyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Ethylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Freon-113	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Hexachlorobutadiene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Isopropylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
m,p-Xylene	ND	10	1	B0E0376	05/19/2020	05/19/20 04:52	
Methylene chloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
MTBE	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
n-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
n-Propylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Naphthalene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
o-Xylene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
sec-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Styrene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
tert-Amyl methyl ether	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
tert-Butanol	ND	100	1	B0E0376	05/19/2020	05/19/20 04:52	
tert-Butylbenzene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Tetrachloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Toluene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
trans-1,2-Dichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Client Sample ID: B6-10.0

Lab ID: 2001180-08

Volatile Organic Compounds by EPA 8260B

Analyst: KL

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,3-Dichloropropene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Trichloroethene	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Trichlorofluoromethane	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
Vinyl acetate	ND	50	1	B0E0376	05/19/2020	05/19/20 04:52	
Vinyl chloride	ND	5.0	1	B0E0376	05/19/2020	05/19/20 04:52	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>127 %</i>	<i>58 - 160</i>		B0E0376	05/19/2020	<i>05/19/20 04:52</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>105 %</i>	<i>72 - 121</i>		B0E0376	05/19/2020	<i>05/19/20 04:52</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>134 %</i>	<i>75 - 139</i>		B0E0376	05/19/2020	<i>05/19/20 04:52</i>	
<i>Surrogate: Toluene-d8</i>	<i>113 %</i>	<i>84 - 115</i>		B0E0376	05/19/2020	<i>05/19/20 04:52</i>	



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Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

QUALITY CONTROL SECTION

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

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0364 - EPA 3050B_S

Blank (B0E0364-BLK1)

Prepared: 5/18/2020 Analyzed: 5/19/2020

Antimony	ND	2.0	0.51
Arsenic	ND	1.0	0.12
Barium	ND	1.0	0.12
Beryllium	ND	1.0	0.03
Cadmium	ND	1.0	0.14
Chromium	ND	1.0	0.26
Cobalt	ND	1.0	0.07
Copper	ND	2.0	0.19
Lead	ND	1.0	0.18
Molybdenum	ND	1.0	0.12
Nickel	ND	1.0	0.18
Selenium	ND	1.0	0.40
Silver	ND	1.0	0.12
Thallium	ND	1.0	0.38
Vanadium	ND	1.0	0.06
Zinc	ND	1.0	0.15

LCS (B0E0364-BS1)

Prepared: 5/18/2020 Analyzed: 5/19/2020

Antimony	23.9247	2.0	0.51	25.0000	95.7	80 - 120
Arsenic	23.3106	1.0	0.12	25.0000	93.2	80 - 120
Barium	24.1639	1.0	0.12	25.0000	96.7	80 - 120
Beryllium	24.3030	1.0	0.03	25.0000	97.2	80 - 120
Cadmium	24.9352	1.0	0.14	25.0000	99.7	80 - 120
Chromium	26.2466	1.0	0.26	25.0000	105	80 - 120
Cobalt	25.8155	1.0	0.07	25.0000	103	80 - 120
Copper	22.5566	2.0	0.19	25.0000	90.2	80 - 120
Lead	24.0509	1.0	0.18	25.0000	96.2	80 - 120
Molybdenum	24.4926	1.0	0.12	25.0000	98.0	80 - 120
Nickel	25.2960	1.0	0.18	25.0000	101	80 - 120
Selenium	24.2568	1.0	0.40	25.0000	97.0	80 - 120
Silver	10.7405	1.0	0.12	12.5000	85.9	80 - 120
Thallium	24.0152	1.0	0.38	25.0000	96.1	80 - 120
Vanadium	24.3736	1.0	0.06	25.0000	97.5	80 - 120
Zinc	23.4345	1.0	0.15	25.0000	93.7	80 - 120

Duplicate (B0E0364-DUP1)

Source: 2001160-01

Prepared: 5/18/2020 Analyzed: 5/19/2020

Antimony	ND	2.0	0.51	ND	NR	20
Arsenic	10.4250	1.0	0.12	10.4617	0.352	20
Barium	127.506	1.0	0.12	127.239	0.209	20
Beryllium	1.74723	1.0	0.03	1.75109	0.221	20



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3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

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

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0364 - EPA 3050B_S (continued)

Duplicate (B0E0364-DUP1) - Continued

Source: 2001160-01

Prepared: 5/18/2020 Analyzed: 5/19/2020

Cadmium	1.96223	1.0	0.14		1.94018			1.13	20	
Chromium	29.7424	1.0	0.26		29.4423			1.01	20	
Cobalt	6.79544	1.0	0.07		6.88251			1.27	20	
Copper	29.3853	2.0	0.19		29.5532			0.570	20	
Lead	24.9790	1.0	0.18		25.0844			0.421	20	
Molybdenum	1.36455	1.0	0.12		1.36454			0.000874	20	
Nickel	23.0448	1.0	0.18		23.1072			0.270	20	
Selenium	1.53997	1.0	0.40		1.56536			1.64	20	
Silver	2.84616	1.0	0.12		2.82014			0.919	20	
Thallium	ND	1.0	0.38		ND			NR	20	
Vanadium	51.3629	1.0	0.06		51.2476			0.225	20	
Zinc	78.8525	1.0	0.15		80.1568			1.64	20	

Matrix Spike (B0E0364-MS1)

Source: 2001160-01

Prepared: 5/18/2020 Analyzed: 5/19/2020

Antimony	21.7089	2.0	0.51	25.0000	ND	86.8	0 - 103			
Arsenic	32.6620	1.0	0.12	25.0000	10.4617	88.8	45 - 110			
Barium	147.505	1.0	0.12	25.0000	127.239	81.1	0 - 198			
Beryllium	23.4250	1.0	0.03	25.0000	1.75109	86.7	49 - 108			
Cadmium	22.4807	1.0	0.14	25.0000	1.94018	82.2	44 - 106			
Chromium	56.4617	1.0	0.26	25.0000	29.4423	108	30 - 136			
Cobalt	29.1931	1.0	0.07	25.0000	6.88251	89.2	43 - 114			
Copper	54.1958	2.0	0.19	25.0000	29.5532	98.6	40 - 133			
Lead	45.9613	1.0	0.18	25.0000	25.0844	83.5	28 - 137			
Molybdenum	24.0126	1.0	0.12	25.0000	1.36454	90.6	46 - 109			
Nickel	44.5264	1.0	0.18	25.0000	23.1072	85.7	22 - 139			
Selenium	24.9184	1.0	0.40	25.0000	1.56536	93.4	34 - 111			
Silver	13.5103	1.0	0.12	12.5000	2.82014	85.5	40 - 117			
Thallium	18.3524	1.0	0.38	25.0000	ND	73.4	31 - 103			
Vanadium	74.0931	1.0	0.06	25.0000	51.2476	91.4	36 - 132			
Zinc	98.3490	1.0	0.15	25.0000	80.1568	72.8	6 - 149			

Matrix Spike (B0E0364-MS2)

Source: 2001180-08

Prepared: 5/18/2020 Analyzed: 5/19/2020

Antimony	4.27610	2.0	0.51	25.0000	ND	17.1	0 - 103			
Arsenic	30.0999	1.0	0.12	25.0000	5.09164	100	45 - 110			
Barium	150.172	1.0	0.12	25.0000	122.586	110	0 - 198			
Beryllium	29.8012	1.0	0.03	25.0000	3.31662	106	49 - 108			
Cadmium	25.0974	1.0	0.14	25.0000	1.29495	95.2	44 - 106			
Chromium	57.1528	1.0	0.26	25.0000	24.6691	130	30 - 136			
Cobalt	36.2560	1.0	0.07	25.0000	9.69818	106	43 - 114			
Copper	85.4348	2.0	0.19	25.0000	46.9881	154	40 - 133			M2
Lead	28.7418	1.0	0.18	25.0000	6.76854	87.9	28 - 137			
Molybdenum	24.1267	1.0	0.12	25.0000	1.15622	91.9	46 - 109			



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank , CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

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

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0364 - EPA 3050B_S (continued)

Matrix Spike (B0E0364-MS2) - Continued

Source: 2001180-08

Prepared: 5/18/2020 Analyzed: 5/19/2020

Nickel	44.8639	1.0	0.18	25.0000	22.0721	91.2	22 - 139			
Selenium	26.1907	1.0	0.40	25.0000	ND	105	34 - 111			
Silver	21.4177	1.0	0.12	12.5000	6.41797	120	40 - 117			M2
Thallium	21.5154	1.0	0.38	25.0000	ND	86.1	31 - 103			
Vanadium	71.5374	1.0	0.06	25.0000	40.7103	123	36 - 132			
Zinc	96.7814	1.0	0.15	25.0000	67.9148	115	6 - 149			

Matrix Spike Dup (B0E0364-MSD1)

Source: 2001160-01

Prepared: 5/18/2020 Analyzed: 5/19/2020

Antimony	20.5712	2.0	0.51	25.0000	ND	82.3	0 - 103	5.38	20	
Arsenic	31.7427	1.0	0.12	25.0000	10.4617	85.1	45 - 110	2.85	20	
Barium	146.648	1.0	0.12	25.0000	127.239	77.6	0 - 198	0.583	20	
Beryllium	22.7980	1.0	0.03	25.0000	1.75109	84.2	49 - 108	2.71	20	
Cadmium	21.7818	1.0	0.14	25.0000	1.94018	79.4	44 - 106	3.16	20	
Chromium	55.4088	1.0	0.26	25.0000	29.4423	104	30 - 136	1.88	20	
Cobalt	28.3595	1.0	0.07	25.0000	6.88251	85.9	43 - 114	2.90	20	
Copper	53.3618	2.0	0.19	25.0000	29.5532	95.2	40 - 133	1.55	20	
Lead	44.9212	1.0	0.18	25.0000	25.0844	79.3	28 - 137	2.29	20	
Molybdenum	23.2659	1.0	0.12	25.0000	1.36454	87.6	46 - 109	3.16	20	
Nickel	43.6604	1.0	0.18	25.0000	23.1072	82.2	22 - 139	1.96	20	
Selenium	24.5470	1.0	0.40	25.0000	1.56536	91.9	34 - 111	1.50	20	
Silver	13.2812	1.0	0.12	12.5000	2.82014	83.7	40 - 117	1.71	20	
Thallium	16.8613	1.0	0.38	25.0000	ND	67.4	31 - 103	8.47	20	
Vanadium	73.4841	1.0	0.06	25.0000	51.2476	88.9	36 - 132	0.825	20	
Zinc	95.3812	1.0	0.15	25.0000	80.1568	60.9	6 - 149	3.06	20	

Matrix Spike Dup (B0E0364-MSD2)

Source: 2001180-08

Prepared: 5/18/2020 Analyzed: 5/19/2020

Antimony	3.89127	2.0	0.51	25.0000	ND	15.6	0 - 103	9.42	20	
Arsenic	29.8109	1.0	0.12	25.0000	5.09164	98.9	45 - 110	0.965	20	
Barium	149.575	1.0	0.12	25.0000	122.586	108	0 - 198	0.399	20	
Beryllium	29.5913	1.0	0.03	25.0000	3.31662	105	49 - 108	0.707	20	
Cadmium	24.9559	1.0	0.14	25.0000	1.29495	94.6	44 - 106	0.565	20	
Chromium	56.9232	1.0	0.26	25.0000	24.6691	129	30 - 136	0.403	20	
Cobalt	35.9373	1.0	0.07	25.0000	9.69818	105	43 - 114	0.883	20	
Copper	84.5572	2.0	0.19	25.0000	46.9881	150	40 - 133	1.03	20	M2
Lead	28.8829	1.0	0.18	25.0000	6.76854	88.5	28 - 137	0.490	20	
Molybdenum	23.9720	1.0	0.12	25.0000	1.15622	91.3	46 - 109	0.643	20	
Nickel	44.7529	1.0	0.18	25.0000	22.0721	90.7	22 - 139	0.248	20	
Selenium	24.7786	1.0	0.40	25.0000	ND	99.1	34 - 111	5.54	20	
Silver	21.3338	1.0	0.12	12.5000	6.41797	119	40 - 117	0.392	20	M2
Thallium	21.1988	1.0	0.38	25.0000	ND	84.8	31 - 103	1.48	20	
Vanadium	71.3404	1.0	0.06	25.0000	40.7103	123	36 - 132	0.276	20	
Zinc	95.8190	1.0	0.15	25.0000	67.9148	112	6 - 149	0.999	20	



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

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

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B0E0390 - EPA 7471_S										
Blank (B0E0390-BLK1)					Prepared: 5/19/2020 Analyzed: 5/19/2020					
Mercury	ND	0.10	0.01							
Blank (B0E0390-BLK2)					Prepared: 5/19/2020 Analyzed: 5/19/2020					
Mercury	ND	0.10	0.01							
LCS (B0E0390-BS1)					Prepared: 5/19/2020 Analyzed: 5/19/2020					
Mercury	0.462012	0.10	0.01	0.416667		111	80 - 120			
Duplicate (B0E0390-DUP1)					Source: 2001160-01 Prepared: 5/19/2020 Analyzed: 5/19/2020					
Mercury	0.027237	0.10	0.01		0.027739			1.83	20	
Matrix Spike (B0E0390-MS1)					Source: 2001180-08 Prepared: 5/19/2020 Analyzed: 5/19/2020					
Mercury	0.664760	0.10	0.01	0.416667	0.103679	135	70 - 130			M1
Matrix Spike (B0E0390-MS2)					Source: 2001160-01 Prepared: 5/19/2020 Analyzed: 5/19/2020					
Mercury	0.530477	0.10	0.01	0.416667	0.027739	121	70 - 130			
Matrix Spike Dup (B0E0390-MSD1)					Source: 2001180-08 Prepared: 5/19/2020 Analyzed: 5/19/2020					
Mercury	0.668052	0.10	0.01	0.416667	0.103679	135	70 - 130	0.494	20	M1



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Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

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

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0390 - EPA 7471_S

Post Spike (B0E0390-PS1)

Source: 2001180-08

Prepared: 5/19/2020 Analyzed: 5/19/2020

Mercury	0.004803		2.50000E-3	0.001244	142	85 - 115			M1
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Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Gasoline Range Organics by EPA 8015B (Modified) - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0382 - GCVOA_S

Blank (B0E0382-BLK1)

Prepared: 5/19/2020 Analyzed: 5/19/2020

C6-C12	ND	1.0	0.20						
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Surrogate: 4-Bromofluorobenzene

0.2936

0.400000

73.4

45 - 149

LCS (B0E0382-BS1)

Prepared: 5/19/2020 Analyzed: 5/19/2020

Gasoline Range Organics	4.64100	1.0	0.20	5.00000		92.8	70 - 130		
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Surrogate: 4-Bromofluorobenzene

0.3938

0.400000

98.5

45 - 149

LCS Dup (B0E0382-BSD1)

Prepared: 5/19/2020 Analyzed: 5/19/2020

Gasoline Range Organics	4.57400	1.0	0.20	5.00000		91.5	70 - 130	1.45	20
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Surrogate: 4-Bromofluorobenzene

0.3893

0.400000

97.3

45 - 149

Matrix Spike (B0E0382-MS1)

Source: 2001180-01

Prepared: 5/19/2020 Analyzed: 5/19/2020

Gasoline Range Organics	4.45100	1.0	0.20	5.00000	ND	89.0	24 - 129		
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Surrogate: 4-Bromofluorobenzene

0.4114

0.400000

103

45 - 149

Matrix Spike Dup (B0E0382-MSD1)

Source: 2001180-01

Prepared: 5/19/2020 Analyzed: 5/19/2020

Gasoline Range Organics	4.40500	1.0	0.20	5.00000	ND	88.1	24 - 129	1.04	20
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Surrogate: 4-Bromofluorobenzene

0.4122

0.400000

103

45 - 149



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Hydrocarbon Chain Distribution by EPA 8015B (Modified) - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0460 - GCSEMI_DRO_S

Blank (B0E0460-BLK1)

Prepared: 5/21/2020 Analyzed: 5/21/2020

C8-C10	ND	10	10
C10-C18	ND	10	10
C18-C28	ND	10	10
C28-C36	ND	10	10
C36-C40	ND	10	10
C8-C40 Total	ND	10	10

Surrogate: *p*-Terphenyl 77.78 80.0000 97.2 58 - 172

LCS (B0E0460-BS1)

Prepared: 5/21/2020 Analyzed: 5/21/2020

DRO 990.930 10 10 1000.00 99.1 71 - 165

Surrogate: *p*-Terphenyl 76.85 80.0000 96.1 58 - 172

Matrix Spike (B0E0460-MS1)

Source: 2001180-04

Prepared: 5/21/2020 Analyzed: 5/21/2020

DRO 1026.96 10 10 1000.00 ND 103 61 - 171

Surrogate: *p*-Terphenyl 77.84 80.0000 97.3 58 - 172

Matrix Spike Dup (B0E0460-MSD1)

Source: 2001180-04

Prepared: 5/21/2020 Analyzed: 5/21/2020

DRO 996.140 10 10 1000.00 ND 99.6 61 - 171 3.05 20

Surrogate: *p*-Terphenyl 76.69 80.0000 95.9 58 - 172



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Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Volatile Organic Compounds by EPA 8260B - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0376 - MSVOA_S

Blank (B0E0376-BLK1)

Prepared: 5/19/2020 Analyzed: 5/19/2020

1,1,1,2-Tetrachloroethane	ND	5.0	0.40
1,1,1-Trichloroethane	ND	5.0	0.79
1,1,2,2-Tetrachloroethane	ND	5.0	0.70
1,1,2-Trichloroethane	ND	5.0	0.57
1,1-Dichloroethane	ND	5.0	0.63
1,1-Dichloroethene	ND	5.0	2.9
1,1-Dichloropropene	ND	5.0	0.26
1,2,3-Trichloropropane	ND	5.0	0.72
1,2,3-Trichlorobenzene	ND	5.0	0.57
1,2,4-Trichlorobenzene	ND	5.0	0.61
1,2,4-Trimethylbenzene	ND	5.0	1.0
1,2-Dibromo-3-chloropropane	ND	10	1.2
1,2-Dibromoethane	ND	5.0	0.28
1,2-Dichlorobenzene	ND	5.0	0.45
1,2-Dichloroethane	ND	5.0	0.88
1,2-Dichloropropane	ND	5.0	0.67
1,3,5-Trimethylbenzene	ND	5.0	0.35
1,3-Dichlorobenzene	ND	5.0	0.41
1,3-Dichloropropane	ND	5.0	0.49
1,4-Dichlorobenzene	ND	5.0	0.39
2,2-Dichloropropane	ND	5.0	0.61
2-Chlorotoluene	ND	5.0	0.26
4-Chlorotoluene	ND	5.0	0.20
4-Isopropyltoluene	ND	5.0	0.28
Benzene	ND	5.0	0.37
Bromobenzene	ND	5.0	0.44
Bromochloromethane	ND	5.0	0.99
Bromodichloromethane	ND	5.0	0.58
Bromoform	ND	5.0	0.37
Bromomethane	ND	5.0	4.7
Carbon disulfide	ND	5.0	3.2
Carbon tetrachloride	ND	5.0	0.65
Chlorobenzene	ND	5.0	0.29
Chloroethane	ND	5.0	4.0
Chloroform	ND	5.0	0.75
Chloromethane	ND	5.0	0.98
cis-1,2-Dichloroethene	ND	5.0	0.82
cis-1,3-Dichloropropene	ND	5.0	0.22
Di-isopropyl ether	ND	5.0	0.55
Dibromochloromethane	ND	5.0	0.20
Dibromomethane	ND	5.0	0.56



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

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

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0376 - MSVOA_S (continued)

Blank (B0E0376-BLK1) - Continued

Prepared: 5/19/2020 Analyzed: 5/19/2020

Dichlorodifluoromethane	ND	5.0	2.6
Ethyl Acetate	ND	50	10
Ethyl Ether	ND	50	20
Ethyl tert-butyl ether	ND	5.0	0.32
Ethylbenzene	ND	5.0	0.26
Freon-113	ND	5.0	3.7
Hexachlorobutadiene	ND	5.0	0.40
Isopropylbenzene	ND	5.0	0.32
m,p-Xylene	ND	10	0.86
Methylene chloride	ND	5.0	3.4
MTBE	ND	5.0	1.3
n-Butylbenzene	ND	5.0	0.42
n-Propylbenzene	ND	5.0	0.25
Naphthalene	ND	5.0	0.50
o-Xylene	ND	5.0	0.46
sec-Butylbenzene	ND	5.0	0.36
Styrene	ND	5.0	0.38
tert-Amyl methyl ether	ND	5.0	0.43
tert-Butanol	ND	100	7.4
tert-Butylbenzene	ND	5.0	0.33
Tetrachloroethene	ND	5.0	0.31
Toluene	ND	5.0	0.47
trans-1,2-Dichloroethene	ND	5.0	1.4
trans-1,3-Dichloropropene	ND	5.0	0.48
Trichloroethene	ND	5.0	0.64
Trichlorofluoromethane	ND	5.0	0.79
Vinyl acetate	ND	50	9.0
Vinyl chloride	ND	5.0	0.74

Surrogate: 1,2-Dichloroethane-d4	51.34		50.0000	103	58 - 160
Surrogate: 4-Bromofluorobenzene	54.16		50.0000	108	72 - 121
Surrogate: Dibromofluoromethane	56.15		50.0000	112	75 - 139
Surrogate: Toluene-d8	53.88		50.0000	108	84 - 115

LCS (B0E0376-BS1)

Prepared: 5/18/2020 Analyzed: 5/18/2020

1,1,1,2-Tetrachloroethane	51.4400	5.0	0.40	50.0000	103	80 - 114
1,1,1-Trichloroethane	51.9400	5.0	0.79	50.0000	104	71 - 127
1,1,2,2-Tetrachloroethane	47.3300	5.0	0.70	50.0000	94.7	73 - 113
1,1,2-Trichloroethane	50.6800	5.0	0.57	50.0000	101	78 - 112
1,1-Dichloroethane	53.3200	5.0	0.63	50.0000	107	73 - 123
1,1-Dichloroethene	47.9700	5.0	2.9	50.0000	95.9	59 - 139
1,1-Dichloropropene	47.7200	5.0	0.26	50.0000	95.4	78 - 131



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

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

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0376 - MSVOA_S (continued)

LCS (B0E0376-BS1) - Continued

Prepared: 5/18/2020 Analyzed: 5/18/2020

1,2,3-Trichloropropane	50.2100	5.0	0.72	50.0000		100	71 - 117		
1,2,3-Trichlorobenzene	73.6800	5.0	0.57	50.0000		147	68 - 134		L5
1,2,4-Trichlorobenzene	73.2500	5.0	0.61	50.0000		146	72 - 141		L5
1,2,4-Trimethylbenzene	48.1000	5.0	1.0	50.0000		96.2	81 - 122		
1,2-Dibromo-3-chloropropane	76.4200	10	1.2	50.0000		153	64 - 134		L5
1,2-Dibromoethane	53.2900	5.0	0.28	50.0000		107	78 - 113		
1,2-Dichlorobenzene	70.0300	5.0	0.45	50.0000		140	79 - 119		L5
1,2-Dichloroethane	53.3900	5.0	0.88	50.0000		107	62 - 126		
1,2-Dichloropropane	54.1600	5.0	0.67	50.0000		108	77 - 120		
1,3,5-Trimethylbenzene	47.5300	5.0	0.35	50.0000		95.1	80 - 123		
1,3-Dichlorobenzene	46.1500	5.0	0.41	50.0000		92.3	80 - 118		
1,3-Dichloropropane	52.8100	5.0	0.49	50.0000		106	80 - 114		
1,4-Dichlorobenzene	48.6100	5.0	0.39	50.0000		97.2	80 - 117		
2,2-Dichloropropane	51.6800	5.0	0.61	50.0000		103	66 - 133		
2-Chlorotoluene	46.0100	5.0	0.26	50.0000		92.0	79 - 117		
4-Chlorotoluene	46.2300	5.0	0.20	50.0000		92.5	80 - 117		
4-Isopropyltoluene	47.6300	5.0	0.28	50.0000		95.3	81 - 130		
Benzene	49.9900	5.0	0.37	50.0000		100	79 - 116		
Bromobenzene	46.1500	5.0	0.44	50.0000		92.3	76 - 113		
Bromochloromethane	56.7800	5.0	0.99	50.0000		114	74 - 113		L5
Bromodichloromethane	53.0300	5.0	0.58	50.0000		106	74 - 115		
Bromoform	54.8000	5.0	0.37	50.0000		110	70 - 118		
Bromomethane	36.2900	5.0	4.7	50.0000		72.6	41 - 170		
Carbon disulfide	57.6800	5.0	3.2	50.0000		115	53 - 139		
Carbon tetrachloride	48.4000	5.0	0.65	50.0000		96.8	71 - 131		
Chlorobenzene	49.8100	5.0	0.29	50.0000		99.6	83 - 114		
Chloroethane	36.1100	5.0	4.0	50.0000		72.2	61 - 165		
Chloroform	53.6100	5.0	0.75	50.0000		107	73 - 117		
Chloromethane	33.1000	5.0	0.98	50.0000		66.2	51 - 147		
cis-1,2-Dichloroethene	54.9200	5.0	0.82	50.0000		110	73 - 121		
cis-1,3-Dichloropropene	52.1200	5.0	0.22	50.0000		104	81 - 136		
Di-isopropyl ether	55.1300	5.0	0.55	50.0000		110	66 - 126		
Dibromochloromethane	53.3500	5.0	0.20	50.0000		107	77 - 114		
Dibromomethane	52.0000	5.0	0.56	50.0000		104	78 - 110		
Dichlorodifluoromethane	33.9200	5.0	2.6	50.0000		67.8	22 - 172		
Ethyl Acetate	591.740	50	10	500.000		118	48 - 147		
Ethyl Ether	406.340	50	20	500.000		81.3	40 - 155		
Ethyl tert-butyl ether	57.9200	5.0	0.32	50.0000		116	50 - 150		
Ethylbenzene	49.1200	5.0	0.26	50.0000		98.2	73 - 128		
Freon-113	47.9900	5.0	3.7	50.0000		96.0	60 - 144		
Hexachlorobutadiene	62.7900	5.0	0.40	50.0000		126	72 - 147		
Isopropylbenzene	44.5000	5.0	0.32	50.0000		89.0	79 - 134		



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

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

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0376 - MSVOA_S (continued)

LCS (B0E0376-BS1) - Continued

Prepared: 5/18/2020 Analyzed: 5/18/2020

m,p-Xylene	98.4400	10	0.86	100.000		98.4	79 - 128		
Methylene chloride	58.6800	5.0	3.4	50.0000		117	60 - 131		
MTBE	61.8600	5.0	1.3	50.0000		124	57 - 131		
n-Butylbenzene	67.8900	5.0	0.42	50.0000		136	82 - 134		L5
n-Propylbenzene	44.2500	5.0	0.25	50.0000		88.5	78 - 127		
Naphthalene	84.8400	5.0	0.50	50.0000		170	67 - 131		L5
o-Xylene	51.6600	5.0	0.46	50.0000		103	79 - 126		
sec-Butylbenzene	45.4000	5.0	0.36	50.0000		90.8	79 - 130		
Styrene	44.6400	5.0	0.38	50.0000		89.3	81 - 125		
tert-Amyl methyl ether	58.7700	5.0	0.43	50.0000		118	50 - 142		
tert-Butanol	351.950	100	7.4	250.000		141	0 - 168		
tert-Butylbenzene	47.0500	5.0	0.33	50.0000		94.1	80 - 126		
Tetrachloroethene	49.2400	5.0	0.31	50.0000		98.5	76 - 127		
Toluene	50.0400	5.0	0.47	50.0000		100	79 - 119		
trans-1,2-Dichloroethene	53.5800	5.0	1.4	50.0000		107	66 - 128		
trans-1,3-Dichloropropene	51.3200	5.0	0.48	50.0000		103	76 - 117		
Trichloroethene	51.9800	5.0	0.64	50.0000		104	81 - 120		
Trichlorofluoromethane	32.8500	5.0	0.79	50.0000		65.7	63 - 138		
Vinyl acetate	535.570	50	9.0	500.000		107	60 - 149		
Vinyl chloride	35.0000	5.0	0.74	50.0000		70.0	58 - 142		
Surrogate: 1,2-Dichloroethane-d4	57.05			50.0000		114	58 - 160		
Surrogate: 4-Bromofluorobenzene	36.28			50.0000		72.6	72 - 121		
Surrogate: Dibromofluoromethane	55.63			50.0000		111	75 - 139		
Surrogate: Toluene-d8	54.14			50.0000		108	84 - 115		

Matrix Spike (B0E0376-MS1)

Source: 2001180-01

Prepared: 5/19/2020 Analyzed: 5/19/2020

1,1,1,2-Tetrachloroethane	37.4000	5.0	0.40	50.0000	ND	74.8	42 - 128		
1,1,1-Trichloroethane	41.4700	5.0	0.79	50.0000	ND	82.9	41 - 138		
1,1,2,2-Tetrachloroethane	34.4700	5.0	0.70	50.0000	ND	68.9	33 - 136		
1,1,2-Trichloroethane	49.6500	5.0	0.57	50.0000	ND	99.3	46 - 129		
1,1-Dichloroethane	39.4500	5.0	0.63	50.0000	ND	78.9	43 - 134		
1,1-Dichloroethene	40.0700	5.0	2.9	50.0000	ND	80.1	29 - 152		
1,1-Dichloropropene	35.4300	5.0	0.26	50.0000	ND	70.9	44 - 138		
1,2,3-Trichloropropane	35.9200	5.0	0.72	50.0000	ND	71.8	41 - 135		
1,2,3-Trichlorobenzene	29.8200	5.0	0.57	50.0000	ND	59.6	0 - 156		
1,2,4-Trichlorobenzene	29.3600	5.0	0.61	50.0000	ND	58.7	0 - 161		
1,2,4-Trimethylbenzene	33.2700	5.0	1.0	50.0000	ND	66.5	31 - 136		
1,2-Dibromo-3-chloropropane	40.3400	10	1.2	50.0000	ND	80.7	26 - 159		
1,2-Dibromoethane	51.3100	5.0	0.28	50.0000	ND	103	44 - 129		
1,2-Dichlorobenzene	32.0400	5.0	0.45	50.0000	ND	64.1	24 - 138		
1,2-Dichloroethane	38.7600	5.0	0.88	50.0000	ND	77.5	39 - 132		



Certificate of Analysis

Geocon West, Inc.

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Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

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

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0376 - MSVOA_S (continued)

Matrix Spike (B0E0376-MS1) - Continued

Source: 2001180-01

Prepared: 5/19/2020 Analyzed: 5/19/2020

1,2-Dichloropropane	53.2200	5.0	0.67	50.0000	ND	106	45 - 129			
1,3,5-Trimethylbenzene	34.3400	5.0	0.35	50.0000	ND	68.7	31 - 135			
1,3-Dichlorobenzene	31.4600	5.0	0.41	50.0000	ND	62.9	26 - 134			
1,3-Dichloropropane	37.1400	5.0	0.49	50.0000	ND	74.3	49 - 127			
1,4-Dichlorobenzene	30.7700	5.0	0.39	50.0000	ND	61.5	25 - 133			
2,2-Dichloropropane	41.6000	5.0	0.61	50.0000	ND	83.2	37 - 139			
2-Chlorotoluene	32.9000	5.0	0.26	50.0000	ND	65.8	33 - 129			
4-Chlorotoluene	31.9400	5.0	0.20	50.0000	ND	63.9	32 - 129			
4-Isopropyltoluene	31.0800	5.0	0.28	50.0000	ND	62.2	23 - 145			
Benzene	37.0700	5.0	0.37	50.0000	ND	74.1	46 - 126			
Bromobenzene	31.7400	5.0	0.44	50.0000	ND	63.5	34 - 126			
Bromochloromethane	39.4700	5.0	0.99	50.0000	ND	78.9	46 - 125			
Bromodichloromethane	52.6800	5.0	0.58	50.0000	ND	105	44 - 125			
Bromoform	38.8500	5.0	0.37	50.0000	ND	77.7	35 - 136			
Bromomethane	39.8600	5.0	4.7	50.0000	ND	79.7	20 - 166			
Carbon disulfide	45.6600	5.0	3.2	50.0000	ND	91.3	24 - 147			
Carbon tetrachloride	41.9500	5.0	0.65	50.0000	ND	83.9	38 - 141			
Chlorobenzene	36.5700	5.0	0.29	50.0000	ND	73.1	41 - 127			
Chloroethane	41.3500	5.0	4.0	50.0000	ND	82.7	28 - 163			
Chloroform	40.4500	5.0	0.75	50.0000	ND	80.9	45 - 128			
Chloromethane	38.9400	5.0	0.98	50.0000	ND	77.9	24 - 149			
cis-1,2-Dichloroethene	40.1300	5.0	0.82	50.0000	ND	80.3	44 - 129			
cis-1,3-Dichloropropene	31.8800	5.0	0.22	50.0000	ND	63.8	44 - 146			
Di-isopropyl ether	36.4800	5.0	0.55	50.0000	ND	73.0	41 - 134			
Dibromochloromethane	38.1100	5.0	0.20	50.0000	ND	76.2	44 - 127			
Dibromomethane	52.1700	5.0	0.56	50.0000	ND	104	47 - 124			
Dichlorodifluoromethane	42.8500	5.0	2.6	50.0000	ND	85.7	4 - 161			
Ethyl Acetate	188.200	50	10	500.000	ND	37.6	0 - 153			
Ethyl Ether	410.440	50	20	500.000	ND	82.1	18 - 167			
Ethyl tert-butyl ether	39.7800	5.0	0.32	50.0000	ND	79.6	23 - 162			
Ethylbenzene	38.3100	5.0	0.26	50.0000	ND	76.6	38 - 132			
Freon-113	40.1400	5.0	3.7	50.0000	ND	80.3	25 - 157			
Hexachlorobutadiene	23.4600	5.0	0.40	50.0000	ND	46.9	0 - 162			
Isopropylbenzene	34.4000	5.0	0.32	50.0000	ND	68.8	36 - 142			
m,p-Xylene	75.6000	10	0.86	100.000	ND	75.6	38 - 135			
Methylene chloride	40.4100	5.0	3.4	50.0000	ND	80.8	37 - 137			
MTBE	41.2000	5.0	1.3	50.0000	ND	82.4	32 - 147			
n-Butylbenzene	31.9000	5.0	0.42	50.0000	ND	63.8	19 - 149			
n-Propylbenzene	33.1300	5.0	0.25	50.0000	ND	66.3	29 - 138			
Naphthalene	33.9000	5.0	0.50	50.0000	ND	67.8	1 - 162			
o-Xylene	39.0100	5.0	0.46	50.0000	ND	78.0	38 - 133			
sec-Butylbenzene	32.9700	5.0	0.36	50.0000	ND	65.9	25 - 142			



Certificate of Analysis

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Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

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

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0376 - MSVOA_S (continued)

Matrix Spike (B0E0376-MS1) - Continued

Source: 2001180-01

Prepared: 5/19/2020 Analyzed: 5/19/2020

Styrene	32.4100	5.0	0.38	50.0000	ND	64.8	35 - 136		
tert-Amyl methyl ether	42.1100	5.0	0.43	50.0000	ND	84.2	29 - 147		
tert-Butanol	127.470	100	7.4	250.000	ND	51.0	0 - 196		
tert-Butylbenzene	34.6200	5.0	0.33	50.0000	ND	69.2	29 - 140		
Tetrachloroethene	38.3300	5.0	0.31	50.0000	ND	76.7	36 - 135		
Toluene	34.0700	5.0	0.47	50.0000	ND	68.1	45 - 127		
trans-1,2-Dichloroethene	40.0100	5.0	1.4	50.0000	ND	80.0	39 - 135		
trans-1,3-Dichloropropene	48.3800	5.0	0.48	50.0000	ND	96.8	40 - 132		
Trichloroethene	39.2000	5.0	0.64	50.0000	ND	78.4	32 - 149		
Trichlorofluoromethane	39.9500	5.0	0.79	50.0000	ND	79.9	24 - 156		
Vinyl acetate	44.7400	50	9.0	500.000	ND	8.95	0 - 165		
Vinyl chloride	42.1100	5.0	0.74	50.0000	ND	84.2	32 - 144		
Surrogate: 1,2-Dichloroethane-d4	61.14			50.0000		122	58 - 160		
Surrogate: 4-Bromofluorobenzene	52.18			50.0000		104	72 - 121		
Surrogate: Dibromofluoromethane	54.86			50.0000		110	75 - 139		
Surrogate: Toluene-d8	48.03			50.0000		96.1	84 - 115		

Matrix Spike Dup (B0E0376-MSD1)

Source: 2001180-01

Prepared: 5/19/2020 Analyzed: 5/19/2020

1,1,1,2-Tetrachloroethane	41.0000	5.0	0.40	50.0000	ND	82.0	42 - 128	9.18	20	
1,1,1-Trichloroethane	46.6700	5.0	0.79	50.0000	ND	93.3	41 - 138	11.8	20	
1,1,2,2-Tetrachloroethane	38.4000	5.0	0.70	50.0000	ND	76.8	33 - 136	10.8	20	
1,1,2-Trichloroethane	40.2600	5.0	0.57	50.0000	ND	80.5	46 - 129	20.9	20	R
1,1-Dichloroethane	45.7900	5.0	0.63	50.0000	ND	91.6	43 - 134	14.9	20	
1,1-Dichloroethene	45.3900	5.0	2.9	50.0000	ND	90.8	29 - 152	12.5	20	
1,1-Dichloropropene	52.7200	5.0	0.26	50.0000	ND	105	44 - 138	39.2	20	R
1,2,3-Trichloropropane	38.9700	5.0	0.72	50.0000	ND	77.9	41 - 135	8.15	20	
1,2,3-Trichlorobenzene	34.0300	5.0	0.57	50.0000	ND	68.1	0 - 156	13.2	20	
1,2,4-Trichlorobenzene	34.3600	5.0	0.61	50.0000	ND	68.7	0 - 161	15.7	20	
1,2,4-Trimethylbenzene	36.8500	5.0	1.0	50.0000	ND	73.7	31 - 136	10.2	20	
1,2-Dibromo-3-chloropropane	45.0800	10	1.2	50.0000	ND	90.2	26 - 159	11.1	20	
1,2-Dibromoethane	41.6900	5.0	0.28	50.0000	ND	83.4	44 - 129	20.7	20	R
1,2-Dichlorobenzene	36.3300	5.0	0.45	50.0000	ND	72.7	24 - 138	12.5	20	
1,2-Dichloroethane	43.6200	5.0	0.88	50.0000	ND	87.2	39 - 132	11.8	20	
1,2-Dichloropropane	43.5800	5.0	0.67	50.0000	ND	87.2	45 - 129	19.9	20	
1,3,5-Trimethylbenzene	37.1700	5.0	0.35	50.0000	ND	74.3	31 - 135	7.91	20	
1,3-Dichlorobenzene	34.2800	5.0	0.41	50.0000	ND	68.6	26 - 134	8.58	20	
1,3-Dichloropropane	40.6700	5.0	0.49	50.0000	ND	81.3	49 - 127	9.07	20	
1,4-Dichlorobenzene	34.1100	5.0	0.39	50.0000	ND	68.2	25 - 133	10.3	20	
2,2-Dichloropropane	45.9900	5.0	0.61	50.0000	ND	92.0	37 - 139	10.0	20	
2-Chlorotoluene	35.7100	5.0	0.26	50.0000	ND	71.4	33 - 129	8.19	20	
4-Chlorotoluene	34.7200	5.0	0.20	50.0000	ND	69.4	32 - 129	8.34	20	



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Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

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

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0376 - MSVOA_S (continued)

Matrix Spike Dup (B0E0376-MSD1) - Continued

Source: 2001180-01

Prepared: 5/19/2020 Analyzed: 5/19/2020

4-Isopropyltoluene	36.1600	5.0	0.28	50.0000	ND	72.3	23 - 145	15.1	20	
Benzene	41.1500	5.0	0.37	50.0000	ND	82.3	46 - 126	10.4	20	
Bromobenzene	35.3300	5.0	0.44	50.0000	ND	70.7	34 - 126	10.7	20	
Bromochloromethane	44.4200	5.0	0.99	50.0000	ND	88.8	46 - 125	11.8	20	
Bromodichloromethane	43.3100	5.0	0.58	50.0000	ND	86.6	44 - 125	19.5	20	
Bromoform	43.1200	5.0	0.37	50.0000	ND	86.2	35 - 136	10.4	20	
Bromomethane	44.2900	5.0	4.7	50.0000	ND	88.6	20 - 166	10.5	20	
Carbon disulfide	50.6900	5.0	3.2	50.0000	ND	101	24 - 147	10.4	20	
Carbon tetrachloride	43.2700	5.0	0.65	50.0000	ND	86.5	38 - 141	3.10	20	
Chlorobenzene	39.4000	5.0	0.29	50.0000	ND	78.8	41 - 127	7.45	20	
Chloroethane	47.6700	5.0	4.0	50.0000	ND	95.3	28 - 163	14.2	20	
Chloroform	45.1700	5.0	0.75	50.0000	ND	90.3	45 - 128	11.0	20	
Chloromethane	41.3900	5.0	0.98	50.0000	ND	82.8	24 - 149	6.10	20	
cis-1,2-Dichloroethene	45.5700	5.0	0.82	50.0000	ND	91.1	44 - 129	12.7	20	
cis-1,3-Dichloropropene	39.9100	5.0	0.22	50.0000	ND	79.8	44 - 146	22.4	20	R
Di-isopropyl ether	44.0700	5.0	0.55	50.0000	ND	88.1	41 - 134	18.8	20	
Dibromochloromethane	42.4300	5.0	0.20	50.0000	ND	84.9	44 - 127	10.7	20	
Dibromomethane	42.6600	5.0	0.56	50.0000	ND	85.3	47 - 124	20.1	20	R
Dichlorodifluoromethane	48.1400	5.0	2.6	50.0000	ND	96.3	4 - 161	11.6	20	
Ethyl Acetate	238.160	50	10	500.000	ND	47.6	0 - 153	23.4	20	R
Ethyl Ether	470.280	50	20	500.000	ND	94.1	18 - 167	13.6	20	
Ethyl tert-butyl ether	45.2900	5.0	0.32	50.0000	ND	90.6	23 - 162	13.0	20	
Ethylbenzene	41.0700	5.0	0.26	50.0000	ND	82.1	38 - 132	6.95	20	
Freon-113	45.3300	5.0	3.7	50.0000	ND	90.7	25 - 157	12.1	20	
Hexachlorobutadiene	28.5600	5.0	0.40	50.0000	ND	57.1	0 - 162	19.6	20	
Isopropylbenzene	36.8900	5.0	0.32	50.0000	ND	73.8	36 - 142	6.99	20	
m,p-Xylene	81.5500	10	0.86	100.000	ND	81.6	38 - 135	7.57	20	
Methylene chloride	49.5900	5.0	3.4	50.0000	ND	99.2	37 - 137	20.4	20	R
MTBE	49.0600	5.0	1.3	50.0000	ND	98.1	32 - 147	17.4	20	
n-Butylbenzene	35.4600	5.0	0.42	50.0000	ND	70.9	19 - 149	10.6	20	
n-Propylbenzene	35.3400	5.0	0.25	50.0000	ND	70.7	29 - 138	6.46	20	
Naphthalene	39.7300	5.0	0.50	50.0000	ND	79.5	1 - 162	15.8	20	
o-Xylene	41.9400	5.0	0.46	50.0000	ND	83.9	38 - 133	7.24	20	
sec-Butylbenzene	35.6200	5.0	0.36	50.0000	ND	71.2	25 - 142	7.73	20	
Styrene	35.7500	5.0	0.38	50.0000	ND	71.5	35 - 136	9.80	20	
tert-Amyl methyl ether	45.3300	5.0	0.43	50.0000	ND	90.7	29 - 147	7.37	20	
tert-Butanol	196.420	100	7.4	250.000	ND	78.6	0 - 196	42.6	20	R
tert-Butylbenzene	37.1800	5.0	0.33	50.0000	ND	74.4	29 - 140	7.13	20	
Tetrachloroethene	41.2100	5.0	0.31	50.0000	ND	82.4	36 - 135	7.24	20	
Toluene	42.1000	5.0	0.47	50.0000	ND	84.2	45 - 127	21.1	20	R
trans-1,2-Dichloroethene	47.6700	5.0	1.4	50.0000	ND	95.3	39 - 135	17.5	20	
trans-1,3-Dichloropropene	39.6700	5.0	0.48	50.0000	ND	79.3	40 - 132	19.8	20	



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Reported : 06/02/2020

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

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0376 - MSVOA_S (continued)

Matrix Spike Dup (B0E0376-MSD1) - Continued

Source: 2001180-01

Prepared: 5/19/2020 Analyzed: 5/19/2020

Trichloroethene	43.3200	5.0	0.64	50.0000	ND	86.6	32 - 149	9.99	20	
Trichlorofluoromethane	44.3000	5.0	0.79	50.0000	ND	88.6	24 - 156	10.3	20	
Vinyl acetate	64.0700	50	9.0	500.000	ND	12.8	0 - 165	35.5	20	R
Vinyl chloride	46.7300	5.0	0.74	50.0000	ND	93.5	32 - 144	10.4	20	
Surrogate: 1,2-Dichloroethane-d4	61.60			50.0000		123	58 - 160			
Surrogate: 4-Bromofluorobenzene	54.11			50.0000		108	72 - 121			
Surrogate: Dibromofluoromethane	57.67			50.0000		115	75 - 139			
Surrogate: Toluene-d8	54.67			50.0000		109	84 - 115			



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Volatile Organic Compounds by EPA 8260B - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0385 - MSVOA_S

Blank (B0E0385-BLK1)

Prepared: 5/19/2020 Analyzed: 5/19/2020

1,1,1,2-Tetrachloroethane	ND	5.0	0.40
1,1,1-Trichloroethane	ND	5.0	0.79
1,1,2,2-Tetrachloroethane	ND	5.0	0.70
1,1,2-Trichloroethane	ND	5.0	0.57
1,1-Dichloroethane	ND	5.0	0.63
1,1-Dichloroethene	ND	5.0	2.9
1,1-Dichloropropene	ND	5.0	0.26
1,2,3-Trichloropropane	ND	5.0	0.72
1,2,3-Trichlorobenzene	ND	5.0	0.57
1,2,4-Trichlorobenzene	ND	5.0	0.61
1,2,4-Trimethylbenzene	ND	5.0	1.0
1,2-Dibromo-3-chloropropane	ND	10	1.2
1,2-Dibromoethane	ND	5.0	0.28
1,2-Dichlorobenzene	ND	5.0	0.45
1,2-Dichloroethane	ND	5.0	0.88
1,2-Dichloropropane	ND	5.0	0.67
1,3,5-Trimethylbenzene	ND	5.0	0.35
1,3-Dichlorobenzene	ND	5.0	0.41
1,3-Dichloropropane	ND	5.0	0.49
1,4-Dichlorobenzene	ND	5.0	0.39
2,2-Dichloropropane	ND	5.0	0.61
2-Chlorotoluene	ND	5.0	0.26
4-Chlorotoluene	ND	5.0	0.20
4-Isopropyltoluene	ND	5.0	0.28
Benzene	ND	5.0	0.37
Bromobenzene	ND	5.0	0.44
Bromochloromethane	ND	5.0	0.99
Bromodichloromethane	ND	5.0	0.58
Bromoform	ND	5.0	0.37
Bromomethane	ND	5.0	4.7
Carbon disulfide	ND	5.0	3.2
Carbon tetrachloride	ND	5.0	0.65
Chlorobenzene	ND	5.0	0.29
Chloroethane	ND	5.0	4.0
Chloroform	ND	5.0	0.75
Chloromethane	ND	5.0	0.98
cis-1,2-Dichloroethene	ND	5.0	0.82
cis-1,3-Dichloropropene	ND	5.0	0.22
Di-isopropyl ether	ND	5.0	0.55
Dibromochloromethane	ND	5.0	0.20
Dibromomethane	ND	5.0	0.56



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Reported : 06/02/2020

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

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0385 - MSVOA_S (continued)

Blank (B0E0385-BLK1) - Continued

Prepared: 5/19/2020 Analyzed: 5/19/2020

Dichlorodifluoromethane	ND	5.0	2.6
Ethyl Acetate	ND	50	10
Ethyl Ether	ND	50	20
Ethyl tert-butyl ether	ND	5.0	0.32
Ethylbenzene	ND	5.0	0.26
Freon-113	ND	5.0	3.7
Hexachlorobutadiene	ND	5.0	0.40
Isopropylbenzene	ND	5.0	0.32
m,p-Xylene	ND	10	0.86
Methylene chloride	ND	5.0	3.4
MTBE	ND	5.0	1.3
n-Butylbenzene	ND	5.0	0.42
n-Propylbenzene	ND	5.0	0.25
Naphthalene	ND	5.0	0.50
o-Xylene	ND	5.0	0.46
sec-Butylbenzene	ND	5.0	0.36
Styrene	ND	5.0	0.38
tert-Amyl methyl ether	ND	5.0	0.43
tert-Butanol	ND	100	7.4
tert-Butylbenzene	ND	5.0	0.33
Tetrachloroethene	ND	5.0	0.31
Toluene	ND	5.0	0.47
trans-1,2-Dichloroethene	ND	5.0	1.4
trans-1,3-Dichloropropene	ND	5.0	0.48
Trichloroethene	ND	5.0	0.64
Trichlorofluoromethane	ND	5.0	0.79
Vinyl acetate	ND	50	9.0
Vinyl chloride	ND	5.0	0.74

Surrogate: 1,2-Dichloroethane-d4	48.21		50.0000	96.4	58 - 160
Surrogate: 4-Bromofluorobenzene	53.03		50.0000	106	72 - 121
Surrogate: Dibromofluoromethane	51.91		50.0000	104	75 - 139
Surrogate: Toluene-d8	54.03		50.0000	108	84 - 115

LCS (B0E0385-BS1)

Prepared: 5/19/2020 Analyzed: 5/19/2020

1,1,1,2-Tetrachloroethane	52.2000	5.0	0.40	50.0000	104	80 - 114
1,1,1-Trichloroethane	53.4900	5.0	0.79	50.0000	107	71 - 127
1,1,2,2-Tetrachloroethane	48.2100	5.0	0.70	50.0000	96.4	73 - 113
1,1,2-Trichloroethane	49.4000	5.0	0.57	50.0000	98.8	78 - 112
1,1-Dichloroethane	51.9800	5.0	0.63	50.0000	104	73 - 123
1,1-Dichloroethene	50.4600	5.0	2.9	50.0000	101	59 - 139
1,1-Dichloropropene	46.7400	5.0	0.26	50.0000	93.5	78 - 131



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Project Number : 2000 W. 3rd ST, W1182-06-01

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Reported : 06/02/2020

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

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0385 - MSVOA_S (continued)

LCS (B0E0385-BS1) - Continued

Prepared: 5/19/2020 Analyzed: 5/19/2020

1,2,3-Trichloropropane	49.9400	5.0	0.72	50.0000		99.9	71 - 117		
1,2,3-Trichlorobenzene	54.1900	5.0	0.57	50.0000		108	68 - 134		
1,2,4-Trichlorobenzene	55.2500	5.0	0.61	50.0000		110	72 - 141		
1,2,4-Trimethylbenzene	51.2400	5.0	1.0	50.0000		102	81 - 122		
1,2-Dibromo-3-chloropropane	55.4700	10	1.2	50.0000		111	64 - 134		
1,2-Dibromoethane	50.7400	5.0	0.28	50.0000		101	78 - 113		
1,2-Dichlorobenzene	50.6900	5.0	0.45	50.0000		101	79 - 119		
1,2-Dichloroethane	52.6200	5.0	0.88	50.0000		105	62 - 126		
1,2-Dichloropropane	53.1300	5.0	0.67	50.0000		106	77 - 120		
1,3,5-Trimethylbenzene	50.5100	5.0	0.35	50.0000		101	80 - 123		
1,3-Dichlorobenzene	50.4900	5.0	0.41	50.0000		101	80 - 118		
1,3-Dichloropropane	51.5500	5.0	0.49	50.0000		103	80 - 114		
1,4-Dichlorobenzene	50.3700	5.0	0.39	50.0000		101	80 - 117		
2,2-Dichloropropane	56.4800	5.0	0.61	50.0000		113	66 - 133		
2-Chlorotoluene	48.6700	5.0	0.26	50.0000		97.3	79 - 117		
4-Chlorotoluene	49.4500	5.0	0.20	50.0000		98.9	80 - 117		
4-Isopropyltoluene	52.3400	5.0	0.28	50.0000		105	81 - 130		
Benzene	44.6100	5.0	0.37	50.0000		89.2	79 - 116		
Bromobenzene	48.2800	5.0	0.44	50.0000		96.6	76 - 113		
Bromochloromethane	50.9300	5.0	0.99	50.0000		102	74 - 113		
Bromodichloromethane	51.1300	5.0	0.58	50.0000		102	74 - 115		
Bromoform	52.6500	5.0	0.37	50.0000		105	70 - 118		
Bromomethane	53.1900	5.0	4.7	50.0000		106	41 - 170		
Carbon disulfide	57.9000	5.0	3.2	50.0000		116	53 - 139		
Carbon tetrachloride	53.8500	5.0	0.65	50.0000		108	71 - 131		
Chlorobenzene	50.9500	5.0	0.29	50.0000		102	83 - 114		
Chloroethane	52.1000	5.0	4.0	50.0000		104	61 - 165		
Chloroform	51.1700	5.0	0.75	50.0000		102	73 - 117		
Chloromethane	45.2000	5.0	0.98	50.0000		90.4	51 - 147		
cis-1,2-Dichloroethene	50.2500	5.0	0.82	50.0000		100	73 - 121		
cis-1,3-Dichloropropene	51.2800	5.0	0.22	50.0000		103	81 - 136		
Di-isopropyl ether	50.7400	5.0	0.55	50.0000		101	66 - 126		
Dibromochloromethane	52.4300	5.0	0.20	50.0000		105	77 - 114		
Dibromomethane	50.2900	5.0	0.56	50.0000		101	78 - 110		
Dichlorodifluoromethane	52.4900	5.0	2.6	50.0000		105	22 - 172		
Ethyl Acetate	562.060	50	10	500.000		112	48 - 147		
Ethyl Ether	535.530	50	20	500.000		107	40 - 155		
Ethyl tert-butyl ether	52.5500	5.0	0.32	50.0000		105	50 - 150		
Ethylbenzene	51.6000	5.0	0.26	50.0000		103	73 - 128		
Freon-113	52.3200	5.0	3.7	50.0000		105	60 - 144		
Hexachlorobutadiene	48.9700	5.0	0.40	50.0000		97.9	72 - 147		
Isopropylbenzene	49.5800	5.0	0.32	50.0000		99.2	79 - 134		



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Reported : 06/02/2020

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

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0385 - MSVOA_S (continued)

LCS (B0E0385-BS1) - Continued

Prepared: 5/19/2020 Analyzed: 5/19/2020

m,p-Xylene	102.510	10	0.86	100.000		103	79 - 128		
Methylene chloride	55.3600	5.0	3.4	50.0000		111	60 - 131		
MTBE	56.3400	5.0	1.3	50.0000		113	57 - 131		
n-Butylbenzene	54.4200	5.0	0.42	50.0000		109	82 - 134		
n-Propylbenzene	49.1400	5.0	0.25	50.0000		98.3	78 - 127		
Naphthalene	56.2800	5.0	0.50	50.0000		113	67 - 131		
o-Xylene	53.1300	5.0	0.46	50.0000		106	79 - 126		
sec-Butylbenzene	51.1800	5.0	0.36	50.0000		102	79 - 130		
Styrene	46.4300	5.0	0.38	50.0000		92.9	81 - 125		
tert-Amyl methyl ether	52.6400	5.0	0.43	50.0000		105	50 - 142		
tert-Butanol	319.120	100	7.4	250.000		128	0 - 168		
tert-Butylbenzene	51.1500	5.0	0.33	50.0000		102	80 - 126		
Tetrachloroethene	51.7000	5.0	0.31	50.0000		103	76 - 127		
Toluene	50.8500	5.0	0.47	50.0000		102	79 - 119		
trans-1,2-Dichloroethene	53.7000	5.0	1.4	50.0000		107	66 - 128		
trans-1,3-Dichloropropene	51.6600	5.0	0.48	50.0000		103	76 - 117		
Trichloroethene	52.6900	5.0	0.64	50.0000		105	81 - 120		
Trichlorofluoromethane	52.0500	5.0	0.79	50.0000		104	63 - 138		
Vinyl acetate	540.610	50	9.0	500.000		108	60 - 149		
Vinyl chloride	50.4200	5.0	0.74	50.0000		101	58 - 142		
Surrogate: 1,2-Dichloroethane-d4	54.54			50.0000		109	58 - 160		
Surrogate: 4-Bromofluorobenzene	50.91			50.0000		102	72 - 121		
Surrogate: Dibromofluoromethane	50.40			50.0000		101	75 - 139		
Surrogate: Toluene-d8	50.21			50.0000		100	84 - 115		

LCS Dup (B0E0385-BSD1)

Prepared: 5/19/2020 Analyzed: 5/19/2020

1,1,1,2-Tetrachloroethane	50.2600	5.0	0.40	50.0000		101	80 - 114	3.79	20
1,1,1-Trichloroethane	53.6600	5.0	0.79	50.0000		107	71 - 127	0.317	20
1,1,2,2-Tetrachloroethane	45.4500	5.0	0.70	50.0000		90.9	73 - 113	5.89	20
1,1,2-Trichloroethane	47.9700	5.0	0.57	50.0000		95.9	78 - 112	2.94	20
1,1-Dichloroethane	49.9800	5.0	0.63	50.0000		100	73 - 123	3.92	20
1,1-Dichloroethene	50.5900	5.0	2.9	50.0000		101	59 - 139	0.257	20
1,1-Dichloropropene	47.7100	5.0	0.26	50.0000		95.4	78 - 131	2.05	20
1,2,3-Trichloropropane	48.5600	5.0	0.72	50.0000		97.1	71 - 117	2.80	20
1,2,3-Trichlorobenzene	53.9300	5.0	0.57	50.0000		108	68 - 134	0.481	20
1,2,4-Trichlorobenzene	56.6400	5.0	0.61	50.0000		113	72 - 141	2.48	20
1,2,4-Trimethylbenzene	49.7900	5.0	1.0	50.0000		99.6	81 - 122	2.87	20
1,2-Dibromo-3-chloropropane	53.2300	10	1.2	50.0000		106	64 - 134	4.12	20
1,2-Dibromoethane	50.2600	5.0	0.28	50.0000		101	78 - 113	0.951	20
1,2-Dichlorobenzene	49.1700	5.0	0.45	50.0000		98.3	79 - 119	3.04	20
1,2-Dichloroethane	51.8500	5.0	0.88	50.0000		104	62 - 126	1.47	20



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

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

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0385 - MSVOA_S (continued)

LCS Dup (B0E0385-BSD1) - Continued

Prepared: 5/19/2020 Analyzed: 5/19/2020

1,2-Dichloropropane	52.4200	5.0	0.67	50.0000		105	77 - 120	1.35	20
1,3,5-Trimethylbenzene	49.2400	5.0	0.35	50.0000		98.5	80 - 123	2.55	20
1,3-Dichlorobenzene	48.7000	5.0	0.41	50.0000		97.4	80 - 118	3.61	20
1,3-Dichloropropane	49.4400	5.0	0.49	50.0000		98.9	80 - 114	4.18	20
1,4-Dichlorobenzene	48.3500	5.0	0.39	50.0000		96.7	80 - 117	4.09	20
2,2-Dichloropropane	57.4100	5.0	0.61	50.0000		115	66 - 133	1.63	20
2-Chlorotoluene	46.8100	5.0	0.26	50.0000		93.6	79 - 117	3.90	20
4-Chlorotoluene	48.0200	5.0	0.20	50.0000		96.0	80 - 117	2.93	20
4-Isopropyltoluene	51.6800	5.0	0.28	50.0000		103	81 - 130	1.27	20
Benzene	50.4900	5.0	0.37	50.0000		101	79 - 116	12.4	20
Bromobenzene	44.9600	5.0	0.44	50.0000		89.9	76 - 113	7.12	20
Bromochloromethane	49.4500	5.0	0.99	50.0000		98.9	74 - 113	2.95	20
Bromodichloromethane	51.7900	5.0	0.58	50.0000		104	74 - 115	1.28	20
Bromoform	51.0900	5.0	0.37	50.0000		102	70 - 118	3.01	20
Bromomethane	51.0800	5.0	4.7	50.0000		102	41 - 170	4.05	20
Carbon disulfide	57.8900	5.0	3.2	50.0000		116	53 - 139	0.0173	20
Carbon tetrachloride	60.8500	5.0	0.65	50.0000		122	71 - 131	12.2	20
Chlorobenzene	49.6300	5.0	0.29	50.0000		99.3	83 - 114	2.62	20
Chloroethane	50.5200	5.0	4.0	50.0000		101	61 - 165	3.08	20
Chloroform	50.4800	5.0	0.75	50.0000		101	73 - 117	1.36	20
Chloromethane	45.8500	5.0	0.98	50.0000		91.7	51 - 147	1.43	20
cis-1,2-Dichloroethene	49.4100	5.0	0.82	50.0000		98.8	73 - 121	1.69	20
cis-1,3-Dichloropropene	51.0200	5.0	0.22	50.0000		102	81 - 136	0.508	20
Di-isopropyl ether	49.7400	5.0	0.55	50.0000		99.5	66 - 126	1.99	20
Dibromochloromethane	50.2500	5.0	0.20	50.0000		100	77 - 114	4.25	20
Dibromomethane	49.2800	5.0	0.56	50.0000		98.6	78 - 110	2.03	20
Dichlorodifluoromethane	53.5200	5.0	2.6	50.0000		107	22 - 172	1.94	20
Ethyl Acetate	555.150	50	10	500.000		111	48 - 147	1.24	20
Ethyl Ether	521.140	50	20	500.000		104	40 - 155	2.72	20
Ethyl tert-butyl ether	51.8200	5.0	0.32	50.0000		104	50 - 150	1.40	20
Ethylbenzene	50.3300	5.0	0.26	50.0000		101	73 - 128	2.49	20
Freon-113	53.2700	5.0	3.7	50.0000		107	60 - 144	1.80	20
Hexachlorobutadiene	50.9400	5.0	0.40	50.0000		102	72 - 147	3.94	20
Isopropylbenzene	48.1600	5.0	0.32	50.0000		96.3	79 - 134	2.91	20
m,p-Xylene	101.790	10	0.86	100.000		102	79 - 128	0.705	20
Methylene chloride	53.7600	5.0	3.4	50.0000		108	60 - 131	2.93	20
MTBE	54.9600	5.0	1.3	50.0000		110	57 - 131	2.48	20
n-Butylbenzene	54.3500	5.0	0.42	50.0000		109	82 - 134	0.129	20
n-Propylbenzene	47.7700	5.0	0.25	50.0000		95.5	78 - 127	2.83	20
Naphthalene	56.7600	5.0	0.50	50.0000		114	67 - 131	0.849	20
o-Xylene	51.2100	5.0	0.46	50.0000		102	79 - 126	3.68	20
sec-Butylbenzene	49.6600	5.0	0.36	50.0000		99.3	79 - 130	3.01	20



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

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

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0E0385 - MSVOA_S (continued)

LCS Dup (B0E0385-BSD1) - Continued

Prepared: 5/19/2020 Analyzed: 5/19/2020

Styrene	45.0200	5.0	0.38	50.0000		90.0	81 - 125	3.08	20
tert-Amyl methyl ether	51.2700	5.0	0.43	50.0000		103	50 - 142	2.64	20
tert-Butanol	288.440	100	7.4	250.000		115	0 - 168	10.1	20
tert-Butylbenzene	49.6300	5.0	0.33	50.0000		99.3	80 - 126	3.02	20
Tetrachloroethene	50.7700	5.0	0.31	50.0000		102	76 - 127	1.82	20
Toluene	50.7700	5.0	0.47	50.0000		102	79 - 119	0.157	20
trans-1,2-Dichloroethene	52.4900	5.0	1.4	50.0000		105	66 - 128	2.28	20
trans-1,3-Dichloropropene	50.3800	5.0	0.48	50.0000		101	76 - 117	2.51	20
Trichloroethene	52.7400	5.0	0.64	50.0000		105	81 - 120	0.0949	20
Trichlorofluoromethane	52.9100	5.0	0.79	50.0000		106	63 - 138	1.64	20
Vinyl acetate	535.460	50	9.0	500.000		107	60 - 149	0.957	20
Vinyl chloride	50.0200	5.0	0.74	50.0000		100	58 - 142	0.796	20
Surrogate: 1,2-Dichloroethane-d4	56.30			50.0000		113	58 - 160		
Surrogate: 4-Bromofluorobenzene	52.39			50.0000		105	72 - 121		
Surrogate: Dibromofluoromethane	53.29			50.0000		107	75 - 139		
Surrogate: Toluene-d8	53.75			50.0000		108	84 - 115		



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Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/02/2020

Notes and Definitions

S1	Surrogate recovery was above laboratory acceptance limit. No associated target analyte was detected in the sample.
R	RPD value outside acceptance criteria. Calculation is based on raw values.
M2	Matrix spike recovery outside of acceptance limit due to possible matrix interference. The analytical batch was validated by the laboratory control sample.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
L5	Laboratory Control Sample high biased. Sample result/s was non-detect (ND) for the target analyte; therefore reanalysis was not necessary.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)

Notes:

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



June 12, 2020

Mike Conkle
Geocon West, Inc.
3303 N. San Fernando Blvd., Suite 100
Burbank, CA 91504
Tel: (818) 841-8388
Fax: (818) 841-1704

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003

Re: ATL Work Order Number : 2001180
Client Reference : 2000 W. 3rd ST, W1182-06-01

Enclosed are the results for sample(s) received on May 15, 2020 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

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

Sincerely,

A handwritten signature in black ink, appearing to read "R. Karimi", enclosed within a hand-drawn oval.

Dr. Reza Karimi
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

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Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/12/2020

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B6-2.0	2001180-07	Soil	5/15/20 10:39	5/15/20 14:51



Certificate of Analysis

Geocon West, Inc.

3303 N. San Fernando Blvd., Suite 100

Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/12/2020

Client Sample ID: B6-2.0

Lab ID: 2001180-07

TCLP Metals by ICP-AES EPA 6010B

Analyst: TA

Analyte	Result (mg/L)	PQL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	0.50	0.25	5	B0F0254	06/11/2020	06/12/20 12:25	

STLC Metals by ICP-AES by EPA 6010B

Analyst: TA

Analyte	Result (mg/L)	PQL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	16	1.0	20	B0F0287	06/12/2020	06/12/20 12:33	



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Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/12/2020

QUALITY CONTROL SECTION

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

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B0F0254 - EPA 3010A_S										
Blank (B0F0254-BLK1)					Prepared: 6/11/2020 Analyzed: 6/12/2020					
Lead	ND	0.25	0.024							
LCS (B0F0254-BS1)					Prepared: 6/11/2020 Analyzed: 6/12/2020					
Lead	0.515597	0.25	0.024	0.500000		103	80 - 120			
Matrix Spike (B0F0254-MS1)					Source: 2001180-07 Prepared: 6/11/2020 Analyzed: 6/12/2020					
Lead	1.01006	0.25	0.024	0.500000	0.503116	101	59 - 123			
Matrix Spike Dup (B0F0254-MSD1)					Source: 2001180-07 Prepared: 6/11/2020 Analyzed: 6/12/2020					
Lead	1.04009	0.25	0.024	0.500000	0.503116	107	59 - 123	2.93	20	



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Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/12/2020

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

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B0F0287 - STLC_S Extraction

Blank (B0F0287-BLK1)

Prepared: 6/12/2020 Analyzed: 6/12/2020

Lead ND 1.0 0.094

LC'S (B0F0287-BS1)

Prepared: 6/12/2020 Analyzed: 6/12/2020

Lead 0.504951 0.500000 101 80 - 120

Duplicate (B0F0287-DUP1)

Source: 2001180-07

Prepared: 6/12/2020 Analyzed: 6/12/2020

Lead 15.4018 1.0 0.094 15.7180 2.03 20

Matrix Spike (B0F0287-MS1)

Source: 2001180-07

Prepared: 6/12/2020 Analyzed: 6/12/2020

Lead 16.1507 0.500000 15.7180 86.5 70 - 130

Matrix Spike Dup (B0F0287-MSD1)

Source: 2001180-07

Prepared: 6/12/2020 Analyzed: 6/12/2020

Lead 15.5955 0.500000 15.7180 -24.5 70 - 130 3.50 20 M1



Certificate of Analysis

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Burbank, CA 91504

Project Number : 2000 W. 3rd ST, W1182-06-01

Report To : Mike Conkle

Reported : 06/12/2020

Notes and Definitions

M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)

Notes:

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

Erick Ovalle

From: Mike Conkle <conkle@geoconinc.com>
Sent: Wednesday, June 10, 2020 10:00 AM
To: Erick Ovalle
Subject: Additional analysis request - ATL WO 2001180
Attachments: 2001180.pdf

Hi Erick,

On ATL WO number 2001180, please run sample ID B6-2.0 for WET Lead and TCLP lead. 48 hour TAT.

Thank you,

Please note: In order to do our part to reduce the spread of COVID-19, many Geocon personnel will be working remotely. During this time, our office lines may not be answered. Please also consider contacting us via email, cell phone, or text for the foreseeable future. Thank you!



Michael P. Conkle, PG | Senior Geologist

Geocon

3303 N. San Fernando Blvd. Suite 100, Burbank, CA 91504

Tel 818.841.8388 Fax 818.841.1704 Cell 213.503.7841

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