Appendix O Limited Pesticide Assessment

Appendices

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Project No. T2746-9-10B
February 21, 2020

VIA E-MAIL

Mr. Samir Shah
Kitchell CEM
3600 Lime Street, Suite 523
Riverside CA, 92501

Attention: Samir Shah

Subject: LIMITED PESTICIDE ASSESSMENT REPORT
CHAFFEY COMMUNITY COLLEGE
LAND ACQUISITION FOR FUTURE CAMPUS EXPANSION
SIERRA AVENUE AND UNDER WOOD DRIVE
FONTANA, CALIFORNIA

Dear Mr. Shah:

In accordance with your request on behalf of Kitchell CEM (the Client), we submit this summary report regarding soil sampling and analysis for residual pesticides for the five contiguous parcels located on the west side of Sierra Avenue near the intersection of Under Wood Drive (the Site) in the City of Fontana, California. The location of the Site is shown on the Vicinity Map provided as Figure 1.

BACKGROUND

The Site is composed of five parcels owned by five separate individuals. Three of the five parcels are vacant and three single-family, single-story dwellings are present on the two northern parcels. The Site is bounded by Sierra Avenue to the east, a stormwater recharge basin to the south, larger-acreage (non-subdivision) single-family residential to the west, and retail-commercial (a Home Depot-anchored shopping development) to the north. It is estimated that the Site encompasses approximately 14.5 acres. The Site is observed in historical aerial photographs to have been utilized for orchard farming between 1938 and 1959.

The primary objective of this investigation was to evaluate the potential presence of pesticides and arsenic in the surface soil at the Site. The information obtained from the investigation will be used to evaluate soil management options and identify potential worker health and safety concerns.

SCOPE OF SERVICE

Outlined below is a summary of the scope of services performed for this investigation.

Pre-field Activities

- Coordinate sampling activities with Client and the site owner(s).
- Retain the services of a California Department of Health Services-certified analytical laboratory for soil analytical testing.

Soil Sampling and Analytical Testing

Soil sample collection was performed on February 13, 2020. Soil samples were collected in general accordance with the Department of Toxic Substances Control *Interim Guidance for Sampling Agricultural Properties (Third Revision), dated August 7, 2008*. Based on the sampling frequency outlined in the guidance document, an area of 14.5 acres would require the analysis of seven composite soil samples, collected from at least 25 sample locations.

Geocon collected discrete soil samples at 28 boring locations distributed across the Site. Soil samples were collected from each boring location (labeled SS-1 through SS-28) at depths of 0.0 to 0.5 foot, and 1.0 to 1.5 feet using a hand auger. The sampling equipment was cleansed prior to each sampling effort using Alconox and distilled water rinses. The approximate locations of the borings are shown on the Site Plan provided as Figure 2.

The soil samples were collected into 8-ounce laboratory-provided glass jars, capped with Teflon lined lids, labeled, and placed in a chilled cooler for transport to Advanced Technology Laboratories (ATL), a State certified laboratory located in Signal Hill, California, under a chain of custody protocol for chemical analysis. The discrete soil samples were given a unique ID consisting of the boring location followed by the top of the 6-inch depth interval from which they were collected. For example, sample ID SS-1-0.0 was collected from a depth of 0.0 to 0.5 foot at boring location SS-1.

Soil samples were observed during collection for indicators of potential contamination such as odors or staining. There were no staining or odors noted in the soil samples collected.

The locations of the borings were surveyed using a Global Position Satellite surveying unit. The coordinates of the boring locations are provided in Table 1.

The laboratory was directed to composite the discrete soil samples collected from the 0 to 0.5-foot depth interval to generate seven composite samples for analysis. For example: discrete sample IDs SS-1-0.0, SS-2-0.0, SS-3-0.0, and SS-4-0.0 were composited into sample ID "Composite 1 - SS-1-0.0/SS-4-0.0."

The seven composite soil samples were then analyzed for organochlorine pesticides by United States Environmental Protection Agency (EPA) Test Method 8081A.

Additionally, the discrete soil samples collected from the 0.0 to 0.5-foot interval in borings SS-4, SS-8, SS-12, SS-16, SS-20, SS-24, and SS-28 were analyzed for arsenic by EPA Test Method 6010A.

Soil samples collected from deeper depths were placed on hold at the laboratory pending the results of the analysis of the shallow soil composite samples.

RESULTS

This section summarizes the analytical results for the discrete and composite samples analyzed. Analytical results are also summarized on Table 2 and Table 3. Laboratory analytical reports and chain-of-custody documentation are attached.

The following were reported for the twelve composite soil samples.

- Arsenic was detected in the seven samples at concentrations ranging from 4.4 to 8.1 milligrams per kilogram (mg/kg).
- 4,4'-DDD was detected in one of the composite samples at a concentration of 2.4 micrograms per kilogram (µg/kg).
- 4,4'-DDE was detected in six of the composite samples at concentrations ranging from 3.9 to 43 µg/kg.
- 4,4'-DDT was detected in two of the composite samples at concentrations of 3.1 and 4.8 µg/kg.
- Alpha-chlordane was detected in two of the composite samples at concentrations of 3.7 and 10 µg/kg.
- Chlordane was detected in two of the composite samples at concentrations of 49 and 120 µg/kg.
- Dieldrin was detected in one of the composite samples at a concentration of 21 µg/kg.
- Gamma-chlordane was detected in two of the composite samples at concentrations of 4.6 and 12 µg/kg.

No other organochlorine pesticides were reported at concentrations equal to or greater than the laboratory reporting limits.

CONCLUSION AND RECOMMENDATIONS

The reported concentrations of the arsenic and organochlorine pesticides were compared to the California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) soil screening levels (SLs) and USEPA Region IX Regional Screening Levels (RSLs) for residential and industrial use scenarios.

Arsenic was detected in the seven of the seven composite soil samples analyzed at concentrations ranging from 4.4 to 8.1 mg/kg, greater than the DTSC SL for residential land use of 0.11 mg/kg and commercial/industrial land use of 0.36 mg/kg. Arsenic is a naturally occurring element; therefore, the reported concentrations were compared to regional background concentrations. The March 2008 Department of Toxic Substances Control (DTSC) publication *Determination of a Southern California Regional Background Arsenic Concentration in Soil* establishes a regional background for arsenic within Southern California including San Bernardino County using naturally occurring and anthropogenic concentrations of arsenic. The report finds that the upper-bound background concentration for arsenic within San Bernardino County is 12 mg/kg. The reported arsenic concentrations are less than 12 mg/kg; therefore, the arsenic concentrations reported for the composite soil samples are considered to be consistent with background concentrations of arsenic in San Bernardino County.

The reported concentrations of organochlorine pesticides 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, alpha-chlordane, chlordane, dieldrin, and gamma-chlordane are lower than their respective residential and industrial SLs. Based on the analytical results from the shallow soil composite samples evaluation of the soil samples collected from deeper depths was considered unwarranted.

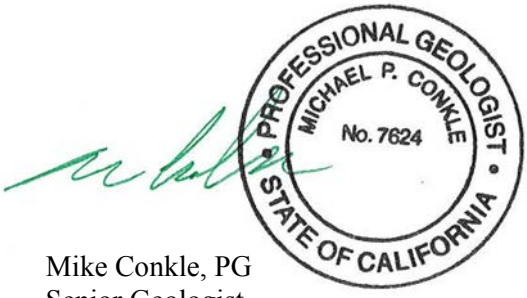
Based on the reported concentrations being below the current health risk based screening levels or regional background concentrations it appears that handling of the soil will not present an incremental health risk to onsite workers or future occupants.

If excess soil generated during construction grading is to be disposed of off-site the material would not be classified as a hazardous waste with respect to organochlorine pesticides or arsenic because the reported concentrations do not exceed their respective Total Limit Threshold Concentrations (TTLC) or ten times their respective Soluble Threshold Limit Concentrations (STLC). However, acceptance of the material may be driven by receiving facility permit requirements. Analytical results should be provided to the intended receiving facility and confirmation of acceptance should be obtained prior to shipping the material off-site.

Please contact us if you have any questions or if we may be of further service.

Sincerely,

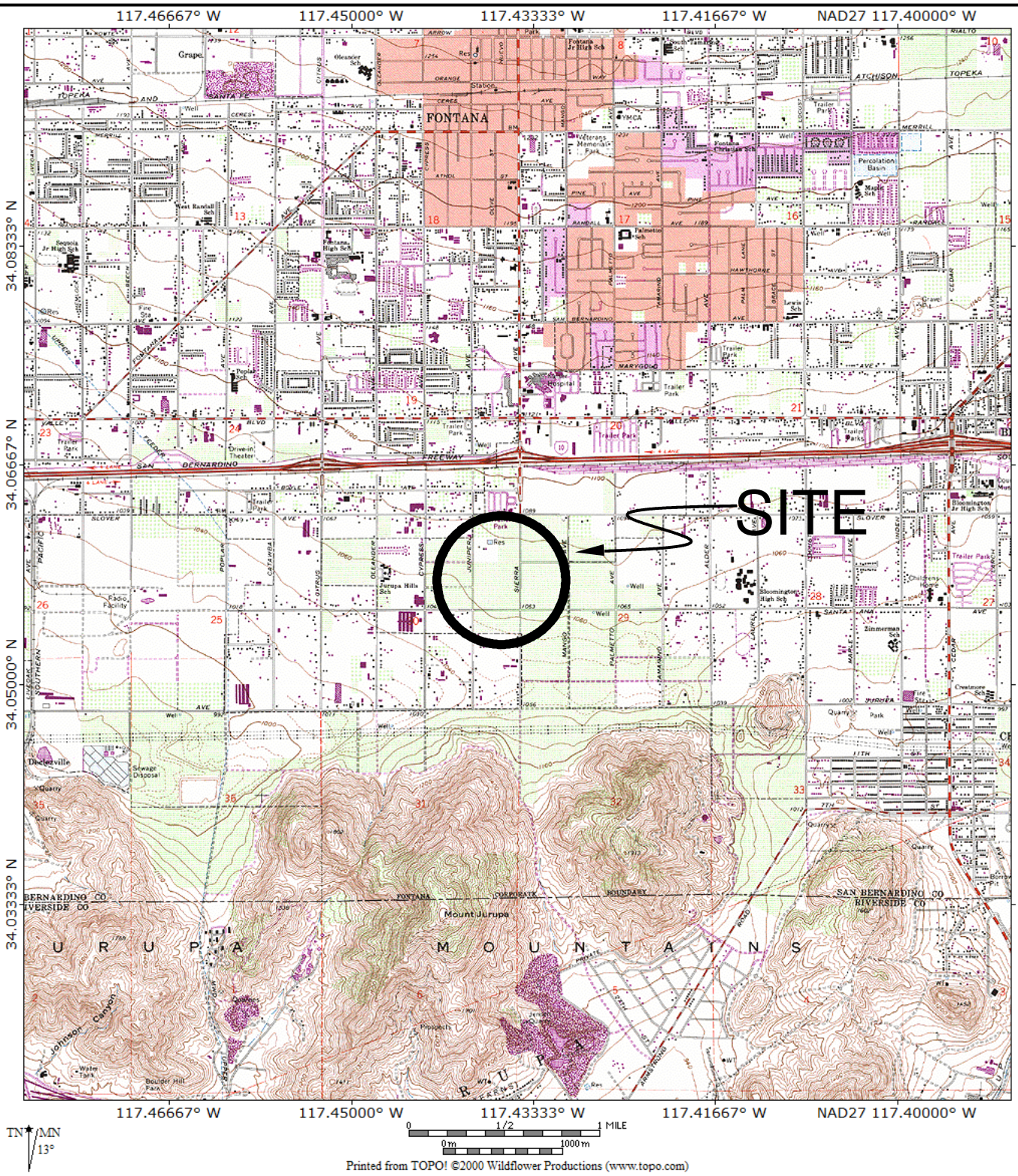
GEOCON WEST, INC.



Adrian Escobar
Staff Geologist

Mike Conkle, PG
Senior Geologist

Enclosures: Figure 1 – Vicinity Map
Figure 2 – Site Plan
Table 1 – Summary of Boring Coordinates
Table 2 – Summary of Soil Analytical Results – Arsenic
Table 2 – Summary of Soil Analytical Results – Organochlorine Pesticides
Laboratory Reports and Chain-of-Custody Documentation



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REFERENCE: U.S.G.S. TOPOGRAPHIC MAPS, 7.5 MINUTE SERIES, FONTANA, CA QUADRANGLE

GEOCON
W E S T, I N C.

ENVIRONMENTAL GEOTECHNICAL MATERIALS
3303 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA 91504
PHONE (818) 841-8388 - FAX (818) 841-1704

VICINITY MAP

PESTICIDE SAMPLING AND ANALYSIS
CHAFFEY COMMUNITY COLLEGE

SIERRA AVENUE AT UNDER WOOD DRIVE
FONTANA, CALIFORNIA 92337

DRAFTED BY: AE	CHECKED BY: MPC

FEBRUARY 2020	PROJECT NO. T2746-99-10B	FIG. 1

LEGEND

- Soil Boring Location
- Parcel
- Site

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

3303 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA 91504

PHONE (818) 841-8388 - FAX (818) 841-1704

SITE PLAN

CHAFFEY COMMUNITY COLLEGE

SIERRA AVENUE AT UNDER WOOD DRIVE

FONTANA, CALIFORNIA 92337

DRAFTED BY: ARE	CHECKED BY: MPC	February 2020	PROJECT NO. T2746-99-10B	FIG. 2-1

TABLE 1
SUMMARY OF BORING COORDINATES
CHAFFEY COMMUNITY COLLEGE
LAND ACQUISITION FOR FUTURE CAMPUS EXPANSION
SIERRA AVENUE AND UNDER WOOD DRIVE, FONTANA, CALIFORNIA

Boring I.D.	Latitude	Longitude
SS-1	34.05367	-117.43616
SS-2	34.05366	-117.43658
SS-3	34.05365	-117.43698
SS-4	34.05367	-117.43740
SS-5	34.05330	-117.43617
SS-6	34.05330	-117.43657
SS-7	34.05329	-117.43698
SS-8	34.05328	-117.43739
SS-9	34.05292	-117.43616
SS-10	34.05293	-117.43656
SS-11	34.05293	-117.43698
SS-12	34.05293	-117.43739
SS-13	34.05261	-117.43739
SS-14	34.05261	-117.43699
SS-15	34.05261	-117.43657
SS-16	34.05263	-117.43613
SS-17	34.05231	-117.43614
SS-18	34.05230	-117.43655
SS-19	34.05229	-117.43697
SS-20	34.05229	-117.43738
SS-21	34.05197	-117.43614
SS-22	34.05197	-117.43653
SS-23	34.05197	-117.43698
SS-24	34.05198	-117.43738
SS-25	34.05163	-117.43613
SS-26	34.05164	-117.43655
SS-27	34.05164	-117.43694
SS-28	34.05163	-117.43737

TABLE 2

SUMMARY OF SOIL ANALYTICAL RESULTS - ARSENIC

CHAFFEY COMMUNITY COLLEGE

LAND ACQUISITION FOR FUTURE CAMPUS EXPANSION

SIERRA AVENUE AND UNDER WOOD DRIVE, FONTANA, CALIFORNIA

SAMPLE ID	Arsenic (mg/kg)
SS-4-0.0	**4.4**
SS-8-0.0	**5.1**
SS-12-0.0	**6.0**
SS-16-0.0	**5.6**
SS-20-0.0	**6.3**
SS-24-0.0	**8.1**
SS-28-0.0	**6.8**
Industrial Screening Levels	0.36
Residential Screening Levels	0.11

Notes:

mg/kg = miligrams per kilogram

Industrial Screening Levels = Lower of the DTSC HERO Soil Screening Levels or US EPA Region IX Soil Regional Screening Levels for Commercial Use Properties

Residential Screening Levels = Lower of the DTSC HERO Soil Screening Levels or US EPA Region IX Soil Regional Screening Levels for Residential Use Properties

Arsenic analyzed by EPA Test Method 6010B

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS - ORGANOCHLORINE PESTICIDES
CHAFFEY COMMUNITY COLLEGE
LAND ACQUISITION FOR FUTURE CAMPUS EXPANSION
SIERRA AVENUE AND UNDER WOOD DRIVE, FONTANA, CALIFORNIA

SAMPLE ID	Organochlorine Pesticides (µg/kg)																					
	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	Chlordane	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan Sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC	gamma-Chlordane	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene
Composite 1 - SS-1-0.0/SS-4-0.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<8.5	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50
Composite 2 - SS-5-0.0/SS-8-0.0	<2.0	**3.9**	**3.1**	<1.0	<1.0	**10**	<1.0	**120**	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0	**12**	<1.0	<1.0	<5.0	<50
Composite 3 - SS-9-0.0/SS-12-0.0	<2.0	**5.1**	<2.0	<1.0	<1.0	<1.0	<1.0	<8.5	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50
Composite 4 - SS-13-0.0/SS-16-0.0	<2.0	**4.2**	<2.0	<1.0	<1.0	<1.0	<1.0	<8.5	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50
Composite 5 - SS-17-0.0/SS-20-0.0	<2.0	**6.6**	<2.0	<1.0	<1.0	<1.0	<1.0	<8.5	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50
Composite 6 - SS-21-0.0/SS-24-0.0	**2.4**	**43**	**4.8**	<1.0	<1.0	**3.7**	<1.0	**49**	<1.0	**21**	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0	**4.6**	<1.0	<1.0	<5.0	<50
Composite 7 - SS-25-0.0/SS-28-0.0	<2.0	**36**	<2.0	<1.0	<1.0	<1.0	<1.0	<8.5	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<50
Industrial Screening Levels	16,000	9,300	7,100	180	NA	6,100	NA	6,100	NA	93	6.0.E+06	6.0.E+06	4.9.E+06	160,000	NA	NA	NA	6,100	630	330	2.6.E+06	1,200
Residential Screening Levels	1,900	2,000	1,900	39	NA	1,700	NA	1,700	NA	34	450,000	450,000	380,000	19,000	NA	NA	NA	1,700	130	70	320,000	450

Notes:
µg/kg = micrograms per kilogram
Industrial Screening Levels= Lower of the DTSC HERO Soil Screening Levels or US EPA Region IX Soil Regional Screening Levels for Commercial Use Properties
Residential Screening Levels= Lower of the DTSC HERO Soil Screening Levels or US EPA Region IX Soil Regional Screening Levels for Residential Use Properties
<= Less than laboratory reporting limit specified
NA= Not Available
Organochlorine pesticides analyzed by EPA Method 8081A
Arsenic analyzed by EPA Test Method 6010B

ADVANCED TECHNOLOGY LABORATORIES

February 21, 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 : 2000395
Client Reference : T2746-77-10B, Chaffey Community College

Enclosed are the results for sample(s) received on February 14, 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

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-4-0.0	2000395-04	Soil	2/13/20 9:32	2/14/20 10:41
SS-8-0.0	2000395-08	Soil	2/13/20 9:52	2/14/20 10:41
SS-12-0.0	2000395-12	Soil	2/13/20 10:18	2/14/20 10:41
SS-16-0.0	2000395-16	Soil	2/13/20 10:48	2/14/20 10:41
SS-20-0.0	2000395-20	Soil	2/13/20 11:10	2/14/20 10:41
SS-24-0.0	2000395-24	Soil	2/13/20 11:36	2/14/20 10:41
SS-28-0.0	2000395-28	Soil	2/13/20 12:02	2/14/20 10:41
Composite 1 - SS-1-0.0/SS-4-0.0	2000395-57	Soil	2/13/20 0:00	2/14/20 10:41
Composite 2 - SS-5-0.0/SS-8-0.0	2000395-58	Soil	2/13/20 0:00	2/14/20 10:41
Composite 3 - SS-9-0.0/SS-12-0.0	2000395-59	Soil	2/13/20 0:00	2/14/20 10:41
Composite 4 - SS-13-0.0/SS-16-0.0	2000395-60	Soil	2/13/20 0:00	2/14/20 10:41
Composite 5 - SS-17-0.0/SS-20-0.0	2000395-61	Soil	2/13/20 0:00	2/14/20 10:41
Composite 6 - SS-21-0.0/SS-24-0.0	2000395-62	Soil	2/13/20 0:00	2/14/20 10:41
Composite 7 - SS-25-0.0/SS-28-0.0	2000395-63	Soil	2/13/20 0:00	2/14/20 10:41

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Client Sample ID: SS-4-0.0

Lab ID: 2000395-04

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**4.4**	1.0	1	B0B0267	02/17/2020	02/17/20 13:20	

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Client Sample ID: SS-8-0.0

Lab ID: 2000395-08

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**5.1**	1.0	1	B0B0267	02/17/2020	02/17/20 13:25	

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Client Sample ID: SS-12-0.0

Lab ID: 2000395-12

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**6.0**	1.0	1	B0B0267	02/17/2020	02/17/20 13:27	

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Client Sample ID: SS-16-0.0

Lab ID: 2000395-16

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**5.6**	1.0	1	B0B0267	02/17/2020	02/17/20 13:28	

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Client Sample ID: SS-20-0.0

Lab ID: 2000395-20

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**6.3**	1.0	1	B0B0267	02/17/2020	02/17/20 13:30	

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Client Sample ID: SS-24-0.0

Lab ID: 2000395-24

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**8.1**	1.0	1	B0B0267	02/17/2020	02/17/20 13:37	

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Client Sample ID: SS-28-0.0

Lab ID: 2000395-28

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

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**6.8**	1.0	1	B0B0267	02/17/2020	02/17/20 13:38	

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Client Sample ID: Composite 1 - SS-1-0.0/SS-4-0.0

Lab ID: 2000395-57

Organochlorine Pesticides by EPA 8081A **Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4′-DDD	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:48	
4,4′-DDE	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:48	
4,4′-DDT	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:48	
Aldrin	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:48	
alpha-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:48	
alpha-Chlordane	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:48	
beta-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:48	
Chlordane	ND	8.5	1	B0B0282	02/17/2020	02/17/20 14:48	
delta-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:48	
Dieldrin	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:48	
Endosulfan I	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:48	
Endosulfan II	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:48	
Endosulfan sulfate	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:48	
Endrin	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:48	
Endrin aldehyde	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:48	
Endrin ketone	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:48	
gamma-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:48	
gamma-Chlordane	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:48	
Heptachlor	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:48	
Heptachlor epoxide	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:48	
Methoxychlor	ND	5.0	1	B0B0282	02/17/2020	02/17/20 14:48	
Toxaphene	ND	50	1	B0B0282	02/17/2020	02/17/20 14:48	
Surrogate: Decachlorobiphenyl	*191 %*	*11 - 115*		B0B0282	02/17/2020	*02/17/20 14:48*	S10, S5
Surrogate: Tetrachloro-m-xylene	*65.6 %*	*29 - 106*		B0B0282	02/17/2020	*02/17/20 14:48*	

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Client Sample ID: Composite 2 - SS-5-0.0/SS-8-0.0

Lab ID: 2000395-58

Organochlorine Pesticides by EPA 8081A **Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:18	
4,4´-DDE [2C]	**3.9**	2.0	1	B0B0282	02/17/2020	02/17/20 14:18	
4,4´-DDT [2C]	**3.1**	2.0	1	B0B0282	02/17/2020	02/17/20 14:18	
Aldrin	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:18	
alpha-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:18	
alpha-Chlordane	**10**	1.0	1	B0B0282	02/17/2020	02/17/20 14:18	
beta-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:18	
Chlordane	**120**	8.5	1	B0B0282	02/17/2020	02/17/20 14:18	
delta-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:18	
Dieldrin	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:18	
Endosulfan I	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:18	
Endosulfan II	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:18	
Endosulfan sulfate	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:18	
Endrin	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:18	
Endrin aldehyde	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:18	
Endrin ketone	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:18	
gamma-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:18	
gamma-Chlordane	**12**	1.0	1	B0B0282	02/17/2020	02/17/20 14:18	
Heptachlor	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:18	
Heptachlor epoxide	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:18	
Methoxychlor	ND	5.0	1	B0B0282	02/17/2020	02/17/20 14:18	
Toxaphene	ND	50	1	B0B0282	02/17/2020	02/17/20 14:18	
Surrogate: Decachlorobiphenyl	*73.5 %*	*11 - 115*		B0B0282	02/17/2020	*02/17/20 14:18*	
Surrogate: Tetrachloro-m-xylene	*66.2 %*	*29 - 106*		B0B0282	02/17/2020	*02/17/20 14:18*	

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Client Sample ID: Composite 3 - SS-9-0.0/SS-12-0.0

Lab ID: 2000395-59

Organochlorine Pesticides by EPA 8081A **Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD [2C]	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:59	
4,4´-DDE [2C]	**5.1**	2.0	1	B0B0282	02/17/2020	02/17/20 14:59	
4,4´-DDT	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:59	
Aldrin	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:59	
alpha-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:59	
alpha-Chlordane	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:59	
beta-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:59	
Chlordane	ND	8.5	1	B0B0282	02/17/2020	02/17/20 14:59	
delta-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:59	
Dieldrin	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:59	
Endosulfan I	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:59	
Endosulfan II	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:59	
Endosulfan sulfate	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:59	
Endrin	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:59	
Endrin aldehyde	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:59	
Endrin ketone	ND	2.0	1	B0B0282	02/17/2020	02/17/20 14:59	
gamma-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:59	
gamma-Chlordane	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:59	
Heptachlor	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:59	
Heptachlor epoxide	ND	1.0	1	B0B0282	02/17/2020	02/17/20 14:59	
Methoxychlor	ND	5.0	1	B0B0282	02/17/2020	02/17/20 14:59	
Toxaphene	ND	50	1	B0B0282	02/17/2020	02/17/20 14:59	
Surrogate: Decachlorobiphenyl	*68.5 %*	*11 - 115*		B0B0282	02/17/2020	*02/17/20 14:59*	
Surrogate: Tetrachloro-m-xylene	*66.9 %*	*29 - 106*		B0B0282	02/17/2020	*02/17/20 14:59*	

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Client Sample ID: Composite 4 - SS-13-0.0/SS-16-0.0

Lab ID: 2000395-60

Organochlorine Pesticides by EPA 8081A **Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:10	
4,4´-DDE [2C]	**4.2**	2.0	1	B0B0282	02/17/2020	02/17/20 15:10	
4,4´-DDT	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:10	
Aldrin	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:10	
alpha-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:10	
alpha-Chlordane	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:10	
beta-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:10	
Chlordane	ND	8.5	1	B0B0282	02/17/2020	02/17/20 15:10	
delta-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:10	
Dieldrin	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:10	
Endosulfan I	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:10	
Endosulfan II	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:10	
Endosulfan sulfate	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:10	
Endrin	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:10	
Endrin aldehyde	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:10	
Endrin ketone	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:10	
gamma-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:10	
gamma-Chlordane	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:10	
Heptachlor	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:10	
Heptachlor epoxide	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:10	
Methoxychlor	ND	5.0	1	B0B0282	02/17/2020	02/17/20 15:10	
Toxaphene	ND	50	1	B0B0282	02/17/2020	02/17/20 15:10	
Surrogate: Decachlorobiphenyl	*72.6 %*	*11 - 115*		B0B0282	02/17/2020	*02/17/20 15:10*	
Surrogate: Tetrachloro-m-xylene	*67.9 %*	*29 - 106*		B0B0282	02/17/2020	*02/17/20 15:10*	

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Client Sample ID: Composite 5 - SS-17-0.0/SS-20-0.0

Lab ID: 2000395-61

Organochlorine Pesticides by EPA 8081A **Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:21	
4,4´-DDE [2C]	**6.6**	2.0	1	B0B0282	02/17/2020	02/17/20 15:21	
4,4´-DDT [2C]	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:21	
Aldrin	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:21	
alpha-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:21	
alpha-Chlordane	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:21	
beta-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:21	
Chlordane	ND	8.5	1	B0B0282	02/17/2020	02/17/20 15:21	
delta-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:21	
Dieldrin	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:21	
Endosulfan I	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:21	
Endosulfan II	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:21	
Endosulfan sulfate	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:21	
Endrin	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:21	
Endrin aldehyde	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:21	
Endrin ketone	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:21	
gamma-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:21	
gamma-Chlordane	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:21	
Heptachlor	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:21	
Heptachlor epoxide	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:21	
Methoxychlor	ND	5.0	1	B0B0282	02/17/2020	02/17/20 15:21	
Toxaphene	ND	50	1	B0B0282	02/17/2020	02/17/20 15:21	
Surrogate: Decachlorobiphenyl	*80.4 %*	*11 - 115*		B0B0282	02/17/2020	*02/17/20 15:21*	
Surrogate: Tetrachloro-m-xylene	*66.1 %*	*29 - 106*		B0B0282	02/17/2020	*02/17/20 15:21*	

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Client Sample ID: Composite 6 - SS-21-0.0/SS-24-0.0

Lab ID: 2000395-62

Organochlorine Pesticides by EPA 8081A **Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD [2C]	**2.4**	2.0	1	B0B0282	02/17/2020	02/17/20 15:32	
4,4´-DDE [2C]	**43**	2.0	1	B0B0282	02/17/2020	02/17/20 15:32	
4,4´-DDT [2C]	**4.8**	2.0	1	B0B0282	02/17/2020	02/17/20 15:32	
Aldrin	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:32	
alpha-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:32	
alpha-Chlordane	**3.7**	1.0	1	B0B0282	02/17/2020	02/17/20 15:32	
beta-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:32	
Chlordane [2C]	**49**	8.5	1	B0B0282	02/17/2020	02/17/20 15:32	
delta-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:32	
Dieldrin [2C]	**21**	2.0	1	B0B0282	02/17/2020	02/17/20 15:32	
Endosulfan I	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:32	
Endosulfan II	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:32	
Endosulfan sulfate	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:32	
Endrin	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:32	
Endrin aldehyde	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:32	
Endrin ketone	ND	2.0	1	B0B0282	02/17/2020	02/17/20 15:32	
gamma-BHC	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:32	
gamma-Chlordane	**4.6**	1.0	1	B0B0282	02/17/2020	02/17/20 15:32	
Heptachlor	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:32	
Heptachlor epoxide	ND	1.0	1	B0B0282	02/17/2020	02/17/20 15:32	
Methoxychlor	ND	5.0	1	B0B0282	02/17/2020	02/17/20 15:32	
Toxaphene	ND	50	1	B0B0282	02/17/2020	02/17/20 15:32	
Surrogate: Decachlorobiphenyl	*76.4 %*	*11 - 115*		B0B0282	02/17/2020	*02/17/20 15:32*	
Surrogate: Tetrachloro-m-xylene	*68.3 %*	*29 - 106*		B0B0282	02/17/2020	*02/17/20 15:32*	

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Client Sample ID: Composite 7 - SS-25-0.0/SS-28-0.0

Lab ID: 2000395-63

Organochlorine Pesticides by EPA 8081A **Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD [2C]	ND	10	5	B0B0282	02/17/2020	02/17/20 15:42	
4,4´-DDE [2C]	**36**	10	5	B0B0282	02/17/2020	02/17/20 15:42	
4,4´-DDT	ND	10	5	B0B0282	02/17/2020	02/17/20 15:42	
Aldrin	ND	5.0	5	B0B0282	02/17/2020	02/17/20 15:42	
alpha-BHC	ND	5.0	5	B0B0282	02/17/2020	02/17/20 15:42	
alpha-Chlordane	ND	5.0	5	B0B0282	02/17/2020	02/17/20 15:42	
beta-BHC	ND	5.0	5	B0B0282	02/17/2020	02/17/20 15:42	
Chlordane	ND	42	5	B0B0282	02/17/2020	02/17/20 15:42	
delta-BHC	ND	5.0	5	B0B0282	02/17/2020	02/17/20 15:42	
Dieldrin	ND	10	5	B0B0282	02/17/2020	02/17/20 15:42	
Endosulfan I	ND	5.0	5	B0B0282	02/17/2020	02/17/20 15:42	
Endosulfan II	ND	10	5	B0B0282	02/17/2020	02/17/20 15:42	
Endosulfan sulfate	ND	10	5	B0B0282	02/17/2020	02/17/20 15:42	
Endrin	ND	10	5	B0B0282	02/17/2020	02/17/20 15:42	
Endrin aldehyde	ND	10	5	B0B0282	02/17/2020	02/17/20 15:42	
Endrin ketone	ND	10	5	B0B0282	02/17/2020	02/17/20 15:42	
gamma-BHC	ND	5.0	5	B0B0282	02/17/2020	02/17/20 15:42	
gamma-Chlordane	ND	5.0	5	B0B0282	02/17/2020	02/17/20 15:42	
Heptachlor	ND	5.0	5	B0B0282	02/17/2020	02/17/20 15:42	
Heptachlor epoxide	ND	5.0	5	B0B0282	02/17/2020	02/17/20 15:42	
Methoxychlor	ND	25	5	B0B0282	02/17/2020	02/17/20 15:42	
Toxaphene	ND	250	5	B0B0282	02/17/2020	02/17/20 15:42	
Surrogate: Decachlorobiphenyl	*36.2 %*	*11 - 115*		B0B0282	02/17/2020	*02/17/20 15:42*	
Surrogate: Tetrachloro-m-xylene	*44.9 %*	*29 - 106*		B0B0282	02/17/2020	*02/17/20 15:42*	

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

QUALITY CONTROL SECTION

Total 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
Batch B0B0267 - EPA 3050B_S										
Blank (B0B0267-BLK1)					Prepared: 2/14/2020 Analyzed: 2/17/2020					
Arsenic	ND	1.0	0.12							
LCS (B0B0267-BS1)					Prepared: 2/14/2020 Analyzed: 2/17/2020					
Arsenic	22.4212	1.0	0.12	25.0000		89.7	80 - 120			
Matrix Spike (B0B0267-MS1)			**Source: 2000395-04**		Prepared: 2/14/2020 Analyzed: 2/17/2020					
Arsenic	25.2411	1.0	0.12	25.0000	4.42304	83.3	46 - 97			
Matrix Spike Dup (B0B0267-MSD1)			**Source: 2000395-04**		Prepared: 2/14/2020 Analyzed: 2/17/2020					
Arsenic	25.2406	1.0	0.12	25.0000	4.42304	83.3	46 - 97	0.00226	20	

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Organochlorine Pesticides by EPA 8081A - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B0B0282 - GCSEMI_PCB/PEST_S										
Blank (B0B0282-BLK1)					Prepared: 2/17/2020 Analyzed: 2/17/2020					
4,4′-DDD	ND	2.0	0.14							
4,4′-DDD [2C]	ND	2.0	0.14							
4,4′-DDE	ND	2.0	0.20							
4,4′-DDE [2C]	ND	2.0	0.20							
4,4′-DDT	ND	2.0	0.04							
4,4′-DDT [2C]	ND	2.0	0.04							
Aldrin	ND	1.0	0.05							
Aldrin [2C]	ND	1.0	0.05							
alpha-BHC	ND	1.0	0.12							
alpha-BHC [2C]	ND	1.0	0.12							
alpha-Chlordane	ND	1.0	0.06							
alpha-Chlordane [2C]	ND	1.0	0.06							
beta-BHC	ND	1.0	0.08							
beta-BHC [2C]	ND	1.0	0.08							
Chlordane	ND	8.5	0.78							
Chlordane [2C]	ND	8.5	0.78							
delta-BHC	ND	1.0	0.07							
delta-BHC [2C]	ND	1.0	0.07							
Dieldrin	ND	2.0	0.04							
Dieldrin [2C]	ND	2.0	0.04							
Endosulfan I	ND	1.0	0.05							
Endosulfan I [2C]	ND	1.0	0.05							
Endosulfan II	ND	2.0	0.06							
Endosulfan II [2C]	ND	2.0	0.06							
Endosulfan sulfate	ND	2.0	0.15							
Endosulfan Sulfate [2C]	ND	2.0	0.15							
Endrin	ND	2.0	0.08							
Endrin [2C]	ND	2.0	0.08							
Endrin aldehyde	ND	2.0	0.09							
Endrin aldehyde [2C]	ND	2.0	0.09							
Endrin ketone	ND	2.0	0.09							
Endrin ketone [2C]	ND	2.0	0.09							
gamma-BHC	ND	1.0	0.12							
gamma-BHC [2C]	ND	1.0	0.12							
gamma-Chlordane	ND	1.0	0.28							
gamma-Chlordane [2C]	ND	1.0	0.28							
Heptachlor	ND	1.0	0.06							
Heptachlor [2C]	ND	1.0	0.06							
Heptachlor epoxide	ND	1.0	0.06							
Heptachlor epoxide [2C]	ND	1.0	0.06							

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Organochlorine Pesticides by EPA 8081A - 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
Batch B0B0282 - GCSEMI_PCB/PEST_S (continued)										
Blank (B0B0282-BLK1) - Continued						Prepared: 2/17/2020 Analyzed: 2/17/2020				
Methoxychlor	ND	5.0	0.16							
Methoxychlor [2C]	ND	5.0	0.16							
Toxaphene	ND	50	4.7							
Toxaphene [2C]	ND	50	4.7							
Surrogate: Decachlorobiphenyl	*11.02*			*16.6667*		*66.1*	*11 - 115*			
Surrogate: Decachlorobiphenyl [	*12.75*			*16.6667*		*76.5*	*11 - 115*			
Surrogate: Tetrachloro-m-xylene	*11.04*			*16.6667*		*66.3*	*29 - 106*			
Surrogate: Tetrachloro-m-xylene	*13.04*			*16.6667*		*78.2*	*29 - 106*			
LCS (B0B0282-BS1)						Prepared: 2/17/2020 Analyzed: 2/17/2020				
4,4′-DDD	12.3852	2.0	0.14	16.6667		74.3	58 - 120			
4,4′-DDD [2C]	13.0923	2.0	0.14	16.6667		78.6	58 - 120			
4,4′-DDE	12.4992	2.0	0.20	16.6667		75.0	58 - 118			
4,4′-DDE [2C]	14.3800	2.0	0.20	16.6667		86.3	58 - 118			
4,4′-DDT	11.4965	2.0	0.04	16.6667		69.0	44 - 118			
4,4′-DDT [2C]	12.8937	2.0	0.04	16.6667		77.4	44 - 118			
Aldrin	12.0273	1.0	0.05	16.6667		72.2	57 - 113			
Aldrin [2C]	13.9208	1.0	0.05	16.6667		83.5	57 - 113			
alpha-BHC	11.5212	1.0	0.12	16.6667		69.1	56 - 108			
alpha-BHC [2C]	13.2937	1.0	0.12	16.6667		79.8	56 - 108			
alpha-Chlordane	12.1672	1.0	0.06	16.6667		73.0	56 - 117			
alpha-Chlordane [2C]	14.0877	1.0	0.06	16.6667		84.5	56 - 117			
beta-BHC	12.0135	1.0	0.08	16.6667		72.1	56 - 113			
beta-BHC [2C]	13.2002	1.0	0.08	16.6667		79.2	56 - 113			
delta-BHC	10.9803	1.0	0.07	16.6667		65.9	48 - 100			
delta-BHC [2C]	12.7373	1.0	0.07	16.6667		76.4	48 - 100			
Dieldrin	12.2023	2.0	0.04	16.6667		73.2	59 - 111			
Dieldrin [2C]	12.9992	2.0	0.04	16.6667		78.0	59 - 111			
Endosulfan I	11.2368	1.0	0.05	16.6667		67.4	56 - 102			
Endosulfan I [2C]	12.8628	1.0	0.05	16.6667		77.2	56 - 102			
Endosulfan II	12.6003	2.0	0.06	16.6667		75.6	60 - 115			
Endosulfan II [2C]	13.2165	2.0	0.06	16.6667		79.3	60 - 115			
Endosulfan sulfate	11.9813	2.0	0.15	16.6667		71.9	59 - 104			
Endosulfan Sulfate [2C]	12.1337	2.0	0.15	16.6667		72.8	59 - 104			
Endrin	13.1392	2.0	0.08	16.6667		78.8	65 - 120			
Endrin [2C]	14.1462	2.0	0.08	16.6667		84.9	65 - 120			
Endrin aldehyde	12.5258	2.0	0.09	16.6667		75.2	61 - 111			
Endrin aldehyde [2C]	13.3615	2.0	0.09	16.6667		80.2	61 - 111			
Endrin ketone	11.8378	2.0	0.09	16.6667		71.0	55 - 110			
Endrin ketone [2C]	12.3028	2.0	0.09	16.6667		73.8	55 - 110			

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

Project Number : T2746-77-10B, Chaffey Community Colle
Report To : Mike Conkle
Reported : 02/21/2020

Organochlorine Pesticides by EPA 8081A - 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
Batch B0B0282 - GCSEMI_PCB/PEST_S (continued)										
LCS (B0B0282-BS1) - Continued						Prepared: 2/17/2020 Analyzed: 2/17/2020				
gamma-BHC	11.6700	1.0	0.12	16.6667		70.0	58 - 111			
gamma-BHC [2C]	12.9068	1.0	0.12	16.6667		77.4	58 - 111			
gamma-Chlordane	11.9510	1.0	0.28	16.6667		71.7	57 - 115			
gamma-Chlordane [2C]	13.7330	1.0	0.28	16.6667		82.4	57 - 115			
Heptachlor	12.1597	1.0	0.06	16.6667		73.0	57 - 114			
Heptachlor [2C]	14.1372	1.0	0.06	16.6667		84.8	57 - 114			
Heptachlor epoxide	11.5235	1.0	0.06	16.6667		69.1	56 - 107			
Heptachlor epoxide [2C]	12.9198	1.0	0.06	16.6667		77.5	56 - 107			
Methoxychlor	12.2187	5.0	0.16	16.6667		73.3	48 - 125			
Methoxychlor [2C]	12.5335	5.0	0.16	16.6667		75.2	48 - 125			
Surrogate: Decachlorobiphenyl	*11.66*			*16.6667*		*70.0*	*11 - 115*			
Surrogate: Decachlorobiphenyl [	*12.76*			*16.6667*		*76.5*	*11 - 115*			
Surrogate: Tetrachloro-m-xylene	*11.54*			*16.6667*		*69.2*	*29 - 106*			
Surrogate: Tetrachloro-m-xylene	*13.47*			*16.6667*		*80.8*	*29 - 106*			
Matrix Spike (B0B0282-MS1)			**Source: 2000395-58**			Prepared: 2/17/2020 Analyzed: 2/17/2020				
4,4′-DDD	13.9315	2.0	0.14	16.6667	ND	83.6	17 - 136			
4,4′-DDD [2C]	15.5823	2.0	0.14	16.6667	ND	93.5	17 - 136			
4,4′-DDE	16.7188	2.0	0.20	16.6667	3.29350	80.6	15 - 135			
4,4′-DDE [2C]	21.7612	2.0	0.20	16.6667	3.94017	107	15 - 135			
4,4′-DDT	17.9338	2.0	0.04	16.6667	2.18417	94.5	0 - 158			
4,4′-DDT [2C]	20.1903	2.0	0.04	16.6667	3.07467	103	0 - 158			
Aldrin	17.2178	1.0	0.05	16.6667	ND	103	20 - 127			
Aldrin [2C]	15.1928	1.0	0.05	16.6667	ND	91.2	20 - 127			
alpha-BHC	12.7017	1.0	0.12	16.6667	ND	76.2	22 - 127			
alpha-BHC [2C]	14.7047	1.0	0.12	16.6667	ND	88.2	22 - 127			
alpha-Chlordane	22.5777	1.0	0.06	16.6667	10.0262	75.3	18 - 131			
alpha-Chlordane [2C]	46.0795	1.0	0.06	16.6667	31.9707	84.7	18 - 131			
beta-BHC	11.3053	1.0	0.08	16.6667	ND	67.8	14 - 130			
beta-BHC [2C]	13.8370	1.0	0.08	16.6667	ND	83.0	14 - 130			
delta-BHC	10.7823	1.0	0.07	16.6667	ND	64.7	9 - 109			
delta-BHC [2C]	13.6263	1.0	0.07	16.6667	ND	81.8	9 - 109			
Dieldrin	15.0003	2.0	0.04	16.6667	ND	90.0	15 - 137			
Dieldrin [2C]	16.6488	2.0	0.04	16.6667	ND	99.9	15 - 137			
Endosulfan I	13.3557	1.0	0.05	16.6667	ND	80.1	15 - 122			
Endosulfan I [2C]	15.6013	1.0	0.05	16.6667	ND	93.6	15 - 122			
Endosulfan II	14.7950	2.0	0.06	16.6667	ND	88.8	10 - 141			
Endosulfan II [2C]	15.8468	2.0	0.06	16.6667	ND	95.1	10 - 141			
Endosulfan sulfate	12.9380	2.0	0.15	16.6667	ND	77.6	7 - 135			
Endosulfan Sulfate [2C]	15.3622	2.0	0.15	16.6667	ND	92.2	7 - 135			

Certificate of Analysis

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3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
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Organochlorine Pesticides by EPA 8081A - 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
Batch B0B0282 - GCSEMI_PCB/PEST_S (continued)										
Matrix Spike (B0B0282-MS1) - Continued			**Source: 2000395-58**			Prepared: 2/17/2020 Analyzed: 2/17/2020				
Endrin	16.5748	2.0	0.08	16.6667	ND	99.4	23 - 137			
Endrin [2C]	18.5480	2.0	0.08	16.6667	ND	111	23 - 137			
Endrin aldehyde	14.8358	2.0	0.09	16.6667	ND	89.0	11 - 138			
Endrin aldehyde [2C]	14.7857	2.0	0.09	16.6667	ND	88.7	11 - 138			
Endrin ketone	12.9467	2.0	0.09	16.6667	ND	77.7	10 - 132			
Endrin ketone [2C]	16.0975	2.0	0.09	16.6667	ND	96.6	10 - 132			
gamma-BHC	12.4743	1.0	0.12	16.6667	ND	74.8	24 - 131			
gamma-BHC [2C]	14.4162	1.0	0.12	16.6667	ND	86.5	24 - 131			
gamma-Chlordane	23.6638	1.0	0.28	16.6667	11.6015	72.4	25 - 126			
gamma-Chlordane [2C]	32.8473	1.0	0.28	16.6667	17.7715	90.5	25 - 126			
Heptachlor	12.9563	1.0	0.06	16.6667	ND	77.7	23 - 130			
Heptachlor [2C]	16.5653	1.0	0.06	16.6667	ND	99.4	23 - 130			
Heptachlor epoxide	14.1130	1.0	0.06	16.6667	ND	84.7	19 - 125			
Heptachlor epoxide [2C]	20.9748	1.0	0.06	16.6667	ND	126	19 - 125			M2
Methoxychlor	18.4175	5.0	0.16	16.6667	ND	111	0 - 156			
Methoxychlor [2C]	16.2967	5.0	0.16	16.6667	ND	97.8	0 - 156			
Surrogate: Decachlorobiphenyl	*12.63*			*16.6667*		*75.8*	*11 - 115*			
Surrogate: Decachlorobiphenyl [	*16.44*			*16.6667*		*98.6*	*11 - 115*			
Surrogate: Tetrachloro-m-xylene	*11.29*			*16.6667*		*67.7*	*29 - 106*			
Surrogate: Tetrachloro-m-xylene	*12.85*			*16.6667*		*77.1*	*29 - 106*			
Matrix Spike Dup (B0B0282-MSD1)			**Source: 2000395-58**			Prepared: 2/17/2020 Analyzed: 2/17/2020				
4,4′-DDD	13.5333	2.0	0.14	16.6667	ND	81.2	17 - 136	2.90	20	
4,4′-DDD [2C]	15.8172	2.0	0.14	16.6667	ND	94.9	17 - 136	1.50	20	
4,4′-DDE	15.1265	2.0	0.20	16.6667	3.29350	71.0	15 - 135	10.0	20	
4,4′-DDE [2C]	17.7673	2.0	0.20	16.6667	3.94017	83.0	15 - 135	20.2	20	R2
4,4′-DDT	13.2365	2.0	0.04	16.6667	2.18417	66.3	0 - 158	30.1	20	R2
4,4′-DDT [2C]	15.9052	2.0	0.04	16.6667	3.07467	77.0	0 - 158	23.7	20	R2
Aldrin	38.4713	1.0	0.05	16.6667	ND	231	20 - 127	76.3	20	M2, R2
Aldrin [2C]	13.8970	1.0	0.05	16.6667	ND	83.4	20 - 127	8.91	20	
alpha-BHC	12.6357	1.0	0.12	16.6667	ND	75.8	22 - 127	0.521	20	
alpha-BHC [2C]	13.5395	1.0	0.12	16.6667	ND	81.2	22 - 127	8.25	20	
alpha-Chlordane	20.0408	1.0	0.06	16.6667	10.0262	60.1	18 - 131	11.9	20	
alpha-Chlordane [2C]	44.8778	1.0	0.06	16.6667	31.9707	77.4	18 - 131	2.64	20	
beta-BHC	11.2325	1.0	0.08	16.6667	ND	67.4	14 - 130	0.646	20	
beta-BHC [2C]	12.7923	1.0	0.08	16.6667	ND	76.8	14 - 130	7.85	20	
delta-BHC	10.9610	1.0	0.07	16.6667	ND	65.8	9 - 109	1.64	20	
delta-BHC [2C]	12.5037	1.0	0.07	16.6667	ND	75.0	9 - 109	8.59	20	
Dieldrin	18.6492	2.0	0.04	16.6667	ND	112	15 - 137	21.7	20	R2
Dieldrin [2C]	17.9167	2.0	0.04	16.6667	ND	108	15 - 137	7.34	20	

Certificate of Analysis

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3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Organochlorine Pesticides by EPA 8081A - 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
Batch B0B0282 - GCSEMI_PCB/PEST_S (continued)										
Matrix Spike Dup (B0B0282-MSD1) - Continued			**Source: 2000395-58**		Prepared: 2/17/2020 Analyzed: 2/17/2020					
Endosulfan I	11.5535	1.0	0.05	16.6667	ND	69.3	15 - 122	14.5	20	
Endosulfan I [2C]	14.2985	1.0	0.05	16.6667	ND	85.8	15 - 122	8.71	20	
Endosulfan II	12.2462	2.0	0.06	16.6667	ND	73.5	10 - 141	18.9	20	
Endosulfan II [2C]	15.6347	2.0	0.06	16.6667	ND	93.8	10 - 141	1.35	20	
Endosulfan sulfate	11.9192	2.0	0.15	16.6667	ND	71.5	7 - 135	8.20	20	
Endosulfan Sulfate [2C]	13.6688	2.0	0.15	16.6667	ND	82.0	7 - 135	11.7	20	
Endrin	14.9405	2.0	0.08	16.6667	ND	89.6	23 - 137	10.4	20	
Endrin [2C]	17.3342	2.0	0.08	16.6667	ND	104	23 - 137	6.77	20	
Endrin aldehyde	13.0675	2.0	0.09	16.6667	ND	78.4	11 - 138	12.7	20	
Endrin aldehyde [2C]	13.3662	2.0	0.09	16.6667	ND	80.2	11 - 138	10.1	20	
Endrin ketone	11.8510	2.0	0.09	16.6667	ND	71.1	10 - 132	8.84	20	
Endrin ketone [2C]	14.4657	2.0	0.09	16.6667	ND	86.8	10 - 132	10.7	20	
gamma-BHC	12.4320	1.0	0.12	16.6667	ND	74.6	24 - 131	0.340	20	
gamma-BHC [2C]	13.7293	1.0	0.12	16.6667	ND	82.4	24 - 131	4.88	20	
gamma-Chlordane	22.1982	1.0	0.28	16.6667	11.6015	63.6	25 - 126	6.39	20	
gamma-Chlordane [2C]	31.7355	1.0	0.28	16.6667	17.7715	83.8	25 - 126	3.44	20	
Heptachlor	12.9743	1.0	0.06	16.6667	ND	77.8	23 - 130	0.139	20	
Heptachlor [2C]	14.8870	1.0	0.06	16.6667	ND	89.3	23 - 130	10.7	20	
Heptachlor epoxide	17.4243	1.0	0.06	16.6667	ND	105	19 - 125	21.0	20	R2
Heptachlor epoxide [2C]	81.2392	1.0	0.06	16.6667	ND	487	19 - 125	118	20	M2, R2
Methoxychlor	14.2062	5.0	0.16	16.6667	ND	85.2	0 - 156	25.8	20	R2
Methoxychlor [2C]	13.8775	5.0	0.16	16.6667	ND	83.3	0 - 156	16.0	20	
Surrogate: Decachlorobiphenyl	*12.82*			*16.6667*		*76.9*	*11 - 115*			
Surrogate: Decachlorobiphenyl [	*13.47*			*16.6667*		*80.8*	*11 - 115*			
Surrogate: Tetrachloro-m-xylene	*11.06*			*16.6667*		*66.4*	*29 - 106*			
Surrogate: Tetrachloro-m-xylene	*11.72*			*16.6667*		*70.3*	*29 - 106*			

Certificate of Analysis

Geocon West, Inc.	Project Number : T2746-77-10B, Chaffey Community Colle
3303 N. San Fernando Blvd., Suite 100	Report To : Mike Conkle
Burbank , CA 91504	Reported : 02/21/2020

Notes and Definitions

S5	Surrogate recovery was above laboratory acceptance limit. Sample reanalysis showed the same high recovery.
S10	Surrogate recovery was outside of laboratory acceptance limit due to possible matrix interference.
R2	RPD value outside acceptance criteria due to possible matrix interference.
M2	Matrix spike recovery outside of acceptance limit due to possible matrix interference. 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.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O. #

Logged by:

Date

Method of Transport: Client ☐ ATL ☒ CA OverN ☐ FedEx ☐ Other: ____

Sample Condition Upon Receipt
1. CHILLED 5°C Y ☒ ☐
2. HEADSPACE (VOA) Y ☐ ☐
3. CONTAINER INTACT Y ☒ ☐

For Geocon Consultants, Inc.	Name	Signature	Date
Project Name: CHAFFEY COMMUNITY COLLEGE	Authorized by:	Scott Brito	
Project No.: T2746-77-10B	Relinquished by:	Kelsey Filburn	10:41 2/14/20
Tel: 818-841-8388	Received by:		10:41 2/14/20
Fax: 818-841-1704			

Client / Send Report To:	Bill To: (☒ same as Client)
Attn: Mike Conkle and Scott Brito	
Geocon Consultants Inc.	
3303 North San Fernando Blvd Suite 100	
Burbank, CA 91504	

Special Instructions/Comments

1. Analyze OCPs as composite samples from every 4 samples on page 1 of 2,
ex: Composite 1 = SS-1-0.0 + SS-2-0.0 + SS-3-0.0 & SS-4-0.0
ex: Composite 2 = SS-5-0.0 + SS-6-0.0 + SS-7-0.0 & SS-8-0.0..., and so on.
2. Analyze Arsenic on every 4 discrete samples. ex. SS-4-0.0, SS-8-0.0, and so on.
3. Place samples on page 2 of 2 (Sample ID suffix, "-1.0") on HOLD pending initial OCP & Arsenic results.

Sample/Records - Archival & Disposa

Unless otherwise requested by client, all samples will be disposed of 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample :$2.00 / sample /mo (after 45 days)
- Records: $1 /ATL workorder /mo (after 1 year)

LABORATORY ANALYSIS
- OCPs (EPA 8081)
- Arsenic (6010)

- TAT starts 8AM the following day if samples received after 3:00 PM
- Preservatives: HCl, HNO3, H2SO4, Zn(AC)2, NaOH, Na2S2O3, 4°C

QA/QC: RTNE ☐ CT ☐ SWRCB ☐ logcode:

Item	Lab No.	Sample ID/Location	Date	Time	OCPs	Arsenic	Sample Matrix	Container Type	No. of Containrs	TAT (days)	Composite Sample
	2000395-01	SS-1 - 0.0	2/13/2020	0917	X		soil	glass jar	1	3	1
	-02	SS-2 - 0.0	2/13/2020	0922	X		soil	glass jar	1	3	1
	-03	SS-3 - 0.0	2/13/2020	0928	X		soil	glass jar	1	3	1
	-04	SS-4 - 0.0	2/13/2020	0932	X	X	soil	glass jar	1	3	1
	-05	SS-5 - 0.0	2/13/2020	0938	X		soil	glass jar	1	3	2
	-06	SS-6 - 0.0	2/13/2020	0942	X		soil	glass jar	1	3	2
	-07	SS-7 - 0.0	2/13/2020	0948	X		soil	glass jar	1	3	2
	-08	SS-8 - 0.0	2/13/2020	0952	X	X	soil	glass jar	1	3	2
	-09	SS-9 - 0.0	2/13/2020	1000	X		soil	glass jar	1	3	3
	-10	SS-10 - 0.0	2/13/2020	1004	X		soil	glass jar	1	3	3
	-11	SS-11 - 0.0	2/13/2020	1010	X		soil	glass jar	1	3	3
	-12	SS-12 - 0.0	2/13/2020	1018	X	X	soil	glass jar	1	3	3
	-13	SS-13 - 0.0	2/13/2020	1032	X		soil	glass jar	1	3	4
	-14	SS-14 - 0.0	2/13/2020	1034	X		soil	glass jar	1	3	4
	-15	SS-15 - 0.0	2/13/2020	1040	X		soil	glass jar	1	3	4
	-16	SS-16 - 0.0	2/13/2020	1048	X	X	soil	glass jar	1	3	4
	-17	SS-17 - 0.0	2/13/2020	1054	X		soil	glass jar	1	3	5
	-18	SS-18 - 0.0	2/13/2020	1058	X		soil	glass jar	1	3	5
	-19	SS-19 - 0.0	2/13/2020	1104	X		soil	glass jar	1	3	5
	-20	SS-20 - 0.0	2/13/2020	1110	X	X	soil	glass jar	1	3	5
	-21	SS-21 - 0.0	2/13/2020	1118	X		soil	glass jar	1	3	6
	-22	SS-22 - 0.0	2/13/2020	1126	X		soil	glass jar	1	3	6
	-23	SS-23 - 0.0	2/13/2020	1132	X		soil	glass jar	1	3	6
	-24	SS-24 - 0.0	2/13/2020	1136	X	X	soil	glass jar	1	3	6

ATL 2/14/20 12:19

Rec'd [illegible]/LB 2-14-20 12:19

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O. #

Logged by:

Date

Method of Transport: Client ☐ ATL ☒ CA OverN ☐ FedEx ☐ Other: ____

Sample Condition Upon Receipt
1. CHILLED 5°C Y☒ ☐
2. HEADSPACE (VOA) Y☐ ☐
3. CONTAINER INTACT Y☒ ☐

For Geocon Consultants, Inc.

Project Name: CHAFFEY COMMUNITY COLLEGE
Project No.: T2746-77-10B

Tel: 818-841-8388
Fax: 818-841-1704

	Name	Signature	Date
Authorized by:	Scott Brito		
Relinquished by:			10:41 2/14/20
Received by:			1041 2/14/20

Client / Send Report To:
Attn: Mike Conkle and Scott Brito
Geocon Consultants Inc.
3303 North San Fernando Blvd Suite 100
Burbank, CA 91504

Bill To: (☒ same as Client)

Special Instructions/Comments
1. Analyze OCPs as composite samples from every 4 samples on page 1 of 2,
ex: Composite 1 = SS-1-0.0 + SS-2-0.0 + SS-3-0.0 & SS-4-0.0
ex: Composite 2 = SS-5-0.0 + SS-6-0.0 + SS-7-0.0 & SS-8-0.0..., and so on.
2. Analyze Arsenic on every 4 discrete samples. ex. SS-4-0.0, SS-8-0.0, and so on.
3. Place samples on page 2 of 2 (Sample ID suffix, "-1.0") on HOLD pending initial OCP & Arsenic results.

Sample/Records - Archival & Disposa
Unless otherwise requested by client, all samples will be disposed of 45 days after receipt and records will be disposed 1 year after submittal of final report.
Storage Fees (applies when storage is requested):
- Sample :$2.00 / sample /mo (after 45 days)
- Records: $1 /ATL workorder /mo (after 1 year)

LABORATORY ANALYSIS
OCPs (EPA 8081)
Arsenic (6010)

- TAT starts 8AM the following day if samples received after 3:00 PM
- Preservatives: HCl, HNO3, H2SO4, Zn(AC)2, NaOH, Na2S2O3, 4°C

QA/QC: RTNE ☐ CT ☐ SWRCB ☐ logcode:

Item	Lab No.	Sample ID/Location	Date	Time	OCPs (EPA 8081)	Arsenic (6010)	Sample Matrix	Container Type	No. of Containrs	TAT (days)	Composite Sample
	2000395-25	SS - 25 - 0.0	2/13/2020	1145	X		soil	glass jar	1	3	7
	-26	SS - 26 - 0.0	2/13/2020	1148	X		soil	glass jar	1	3	7
	-27	SS - 27 - 0.0	2/13/2020	1155	X		soil	glass jar	1	3	7
	-28	SS - 28 - 0.0	2/13/2020	1202	X	X	soil	glass jar	1	3	7

Arthur 2/14/20 12:19 Recvd [illegible] 2-14-20 12:19

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O. #
Logged by:
Date

Method of Transport: Client ☐ ATL ☑ CA OverN ☐ FedEx ☐ Other: ____

Sample Condition Upon Receipt
1. CHILLED 5°C Y☑ ☐
2. HEADSPACE (VOA) Y☐ ☐
3. CONTAINER INTACT Y☑ ☐

For Geocon Consultants, Inc.	Name	Signature	Date
Project Name: CHAFFEY COMMUNITY COLLEGE	Authorized by:	Scott Brito	
Project No.: T2746-77-10B	Relinquished by:	Kelsey Filbarn	2/14/20 10:41
Tel: 818-841-8388	Received by:		2/14/20 1041
Fax: 818-841-1704			

Client / Send Report To:	Bill To: (x same as Client)
Attn: Mike Conkle and Scott Brito	
Geocon Consultants Inc.	
3303 North San Fernando Blvd Suite 100	
Burbank, CA 91504	

Special Instructions/Comments
1. Analyze OCPs as composite samples from every 4 samples on page 1 of 2,
ex: Composite 1 = SS-1-0.0 + SS-2-0.0 + SS-3-0.0 & SS-4-0.0
ex: Composite 2 = SS-5-0.0 + SS-6-0.0 + SS-7-0.0 & SS-8-0.0..., and so on.
2. Analyze Arsenic on every 4 discrete samples. ex. SS-4-0.0, SS-8-0.0, and so on.
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Sample/Records - Archival & Disposa
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- Records: $1 /ATL workorder /mo (after 1 year)

LABORATORY ANALYSIS
OCPs (EPA 8081)
Arsenic (6010)

- TAT starts 8AM the following day if samples received after 3:00 PM
- Preservatives: HCl, HNO3, H2SO4, Zn(AC)2, NaOH, Na2S2O3, 4°C

QA/QC: RTNE ☐ CT ☐ SWRCB ☐ logcode:

Item	Lab No.	Sample ID/Location	Date	Time	Sample Matrix	Container Type	No. of Containrs	TAT (days)	Note
	2000345-29	SS-1 - 1.0	2/13/2020	0919	soil	glass jar	1	TBD	HOLD
	-30	SS-2 - 1.0	2/13/2020	0924	soil	glass jar	1	TBD	HOLD
	-31	SS-3 - 1.0	2/13/2020	0930	soil	glass jar	1	TBD	HOLD
	-32	SS-4 - 1.0	2/13/2020	0933	soil	glass jar	1	TBD	HOLD
	-33	SS-5 - 1.0	2/13/2020	0940	soil	glass jar	1	TBD	HOLD
	-34	SS-6 - 1.0	2/13/2020	0944	soil	glass jar	1	TBD	HOLD
	-35	SS-7 - 1.0	2/13/2020	0950	soil	glass jar	1	TBD	HOLD
	-36	SS-8 - 1.0	2/13/2020	0954	soil	glass jar	1	TBD	HOLD
	-37	SS-9 - 1.0	2/13/2020	1002	soil	glass jar	1	TBD	HOLD
	-38	SS-10 - 1.0	2/13/2020	1006	soil	glass jar	1	TBD	HOLD
	-39	SS-11 - 1.0	2/13/2020	1012	soil	glass jar	1	TBD	HOLD
	-40	SS-12 - 1.0	2/13/2020	1020	soil	glass jar	1	TBD	HOLD
	-41	SS-13 - 1.0	2/13/2020	1030	soil	glass jar	1	TBD	HOLD
	-42	SS-14 - 1.0	2/13/2020	1036	soil	glass jar	1	TBD	HOLD
	-43	SS-15 - 1.0	2/13/2020	1042	soil	glass jar	1	TBD	HOLD
	-44	SS-16 - 1.0	2/13/2020	1050	soil	glass jar	1	TBD	HOLD
	-45	SS-17 - 1.0	2/13/2020	1056	soil	glass jar	1	TBD	HOLD
	-46	SS-18 - 1.0	2/13/2020	1100	soil	glass jar	1	TBD	HOLD
	-47	SS-19 - 1.0	2/13/2020	1006	soil	glass jar	1	TBD	HOLD
	-48	SS-20 - 1.0	2/13/2020	1112	soil	glass jar	1	TBD	HOLD
	-49	SS-21 - 1.0	2/13/2020	1120	soil	glass jar	1	TBD	HOLD
	-50	SS-22 - 1.0	2/13/2020	1126	soil	glass jar	1	TBD	HOLD
	-51	SS-23 - 1.0	2/13/2020	1134	soil	glass jar	1	TBD	HOLD
	-52	SS-24 - 1.0	2/13/2020	1136	soil	glass jar	1	TBD	HOLD

2/14/20 12:19 Rec'd 2/14/20 12:19

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O. #

Logged by:

Date

Method of Transport: Client ☐ ATL ☒ CA OverN ☐ FedEx ☐ Other:

Sample Condition Upon Receipt
1. CHILLED 5°C Y ☒ ☐
2. HEADSPACE (VOA) Y ☐ ☐
3. CONTAINER INTACT Y ☒ ☐

For Geocon Consultants, Inc.	Name	Signature	Date
Project Name: CHAFFEY COMMUNITY COLLEGE	Authorized by: Scott Brito		
Project No.: T2746-77-10B	Relinquished by:		10:14 2/14/20
Tel: 818-841-8388	Received by:		10:41 2/14/20
Fax: 818-841-1704			

Client / Send Report To:	Bill To: (☒ same as Client)
Attn: Mike Conkle and Scott Brito	
Geocon Consultants Inc.	
3303 North San Fernando Blvd Suite 100	
Burbank, CA 91504	

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ex: Composite 2 = SS-5-0.0 + SS-6-0.0 + SS-7-0.0 & SS-8-0.0..., and so on.
2. Analyze Arsenic on every 4 discrete samples. ex. SS-4-0.0, SS-8-0.0, and so on.
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LABORATORY ANALYSIS
OCPs (EPA 8081)
Arsenic (6010)
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- Preservatives: HCl, HNO3, H2SO4, Zn(AC)2, NaOH, Na2S2O3, 4°C

QA/QC: RTNE ☐ CT ☐ SWRCB ☐ logcode:

Item	Lab No.	Sample ID/Location	Date	Time	OCPs (EPA 8081)	Arsenic (6010)	Sample Matrix	Container Type	No. of Containrs	TAT (days)	Note
	2000395-53	SS - 25 - 1.0	2/13/2020	1147			soil	glass jar	1	TBD	HOLD
	-54	SS - 26 - 1.0	2/13/2020	1150			soil	glass jar	1	TBD	HOLD
	-55	SS - 27 - 1.0	2/13/2020	1158			soil	glass jar	1	TBD	HOLD
	-56	SS - 28 - 1.0	2/13/2020	1204			soil	glass jar	1	TBD	HOLD
	-57	Comp1 SS-1-0.0/SS-4-0.0			X						
	-58	Comp2 SS-5-0.0/SS-8-0.0			X						
	-59	Comp3 SS-9-0.0/SS-12-0.0			X						
	-60	Comp4 SS-13-0.0/SS-16-0.0			X						
	-61	Comp5 SS-17-0.0/SS-20-0.0			X						
	-62	Comp6 SS-21-0.0/SS-24-0.0			X						
	-63	Comp7 SS-25-0.0/SS-28-0.0			X						

Jonathan Kee ATL 2/14/20 12:19 Rec'd James Bell 2-14-20 12:19

O-36